




INSTALLATION GUIDE

 **WARNING:** Cancer and Reproductive Harm -
www.p65warnings.ca.gov



In addition to Josam Company's complete line of quality cast iron and PVC specification drainage products, we are also pleased to offer the following product lines.

Push-Fit Stainless Steel Drainage System



- Pipe and fittings manufactured of austenitic grade 316L stainless steel
- A gasketed "Push-Fit" design resulting in cost effective installations
- Pipe and fittings in sizes 1-1/2" through 8" pipe size
- Specific gasket materials to suit different product applications
- Pressure ratings that are at least 4 times higher than previous generation systems
- Capable of being used in vacuum systems

Complete Line of Stainless Steel Drains

Manufactured by ATT Inox



- 8", 10" and 12" adjustable and non-adjustable round top floor drains
- 6", 8", 10", 12" and 16" adjustable and non-adjustable square top floor drains
- 2" through 8" no-hub outlets for easy connection to existing piping
- 6", 8", 12" and 16" wide trench drains
- Grates for the lightest to heaviest of loads
- 5/16", 3/4" and 3" slot and mini channels
- Ability to customize products to suit individual requirements



Complete Siphonic Roof Drainage System

- A complete system including "Push-Fit" galvanized pipes, fittings and drains
- Josam support in calculating the siphonic size requirements for a balanced system
- Space gained due to horizontal piping without slope below the roof deck
- A higher discharge rate as a result of closed flow circuit allowing smaller pipe sizes
- Less labor cost due to fewer vertical pipes and less pipe penetrations

Pro-Plus Trench Drain System



- SMC/GRP Construction
- Available with and without slope
- 4", 8" and 12" nominal interior widths
- Lightweight - 70% lighter than polymer concrete
- 1.5 times stronger than polymer concrete
- Load class A-E

Information and access to pricing and literature on all of these products is available at www.JOSAM.com. Should you require further details please contact your local Josam representative or Josam directly.

Introduction

This Josam Installation Guide is a dimensional and installation reference guide for use in the field or in the office. It contains details, specifications and roughing dimensions for all Josam Plumbing Drainage Products. All designs, descriptions and dimensions are subject to change without notice.

PRODUCT DESIGNATIONS—Each product is designated by a series number. For drainage products, the last digit in the type number indicates the pipe size. For Hydrants the type number typically indicates wall thickness, for shock absorbers the type number is based on fixture units and for interceptors the type number is based on volume or size. Outlet types are indicated by suffixes to the type number. Please specify -T for threaded, -X for inside caulk, -Y for hub outlet with gasket for 2-4" sizes and -Z for no-hub. Alpha or numeric options are added to the type number and many commonly used options are depicted on separate submittal drawings.

ALPHABETICAL INDEX—The following index will help you to locate specific products when you do not know the product series number.

SUBMITTAL DRAWINGS—This guide is arranged in numerical order by product categories in the numerical ranges shown below. Additional option or installation information is provided at the beginning of the product sections.

		Pages
Closet Carriers	11001-16123	6-44
Fixture Carriers	17000-17735	45-65
Jiffie-Joint Gaskets	19800-19826	66
Roof Drains	21500-29112	67-108
Green Roof Drains	21500-ORDG1 – 21500-Q515	109-112
Combination Drains	21500-Q265 – 30000-M-1-2	113-119
Floor Drains	30000-39960	120-179
Stainless Steel	30000-A-SS-T - 56670-SS	180-185
Sanitary Floor Sinks	49000-49870A	186-210
Cleanouts	55000-58910	211-232
Interceptors	60100H-61800	233-258
Backwater Valves	67100A-67800	259-264
Hydrants	71300-71650	265-274
Shock Absorbers	75000-75000-S	275-276
Trench Drains	76000-76800	277-281
Miscellaneous Products	85220-85903	282-283
Traps & Accessories	88100-88970	284-292
Lite Line	FD-100-A - JG-010S	293-312

FURTHER ASSISTANCE—For additional technical information, please visit our website at www.Josam.com, or contact your local Josam representative or Josam Customer Service at 1-800-36-JOSAM.

A		Cast Stainless Steel	181-185
Abbreviations	4	Cleanouts	
Access Covers		Ferrules	232
Floor	222-223, 226-231	Plugs	221
Parking Lot	231	Stainless Steel	185
Wall	224-230	Trap Drains	
Acid-Resisting Floor Sinks (See Floor Sinks)		w/Cleanouts	140, 173-177
Adapters		Cleanout Access Covers	
Hub	289-290	Floor	226-230
No-Hub	288	Wall	224-230
Trap Primer	288	Cleanouts, Adjustable	212-221
Adjustable Floor Drains (See Drains)		Finished Areas	212, 214-221
Air Gaps	290-291	Unfinished Areas	
Air Inlets	291-292	212-213, 216-218, 220
Arresters, Water Hammer	276	Closet Fittings (See Closet Carriers)	
B		Combination Drains	113-119
Backwater Valves		Composition Deck Drains	93-95, 137, 179
Ball Float	260	Connections	112
Comb. Check & Gate	260-261	Hub Inside Caulk (X)	
Offset	261-263	Gasket, JIFFEE-JOINT (Y)	
Pit Type	263	No-Hub Spigot (Z)	
Straight-Through Pattern	260-261	Threaded (T)	
Swing-Check	260-264	D	
Terminal	264	Deck Clamps, Roof Drain	68
Backwater Valve Drains	173	Deep Seal Trap Drains	286
Bearing Pan		Dental Sink Interceptors	254
(Drain Receiver)	67-69	Distribution Unit	287
Butt Weld Outlet	180-185	Drains	
C		Adjustable w/Strainers	
Can Wash Drain (See Drains)		Cast Iron	141-154
Carriers, Closet		Adjustable, Floor	
Adapter Types	19, 44	Cast Iron	
Adjustable Close	38-43	156-158, 161-162, 170, 172
Adjustable Horizontal	20-25	Stainless Steel	181-184
Adjustable Vertical	26-37	Balcony	92
Floor-Mounted Back Outlet	14	Blood	159
Hub & Spigot	21-25, 27-39	Boiler Room	175
Options, Illustrated	10-17	Can-Wash	
Prison	43-44	Acid-Resisting	210
Wheelchair	15	Cast Iron	178
Wide Chase	10-11	Combination/Cleanouts	
Carriers, Cooler Drinking Fountain		140, 173-177
.	57-58, 60-61	Dairy (See Floor Sinks)	
Carriers, Lavatory		Drip Drains	144-145
Corner Type	58	Extended Rim	103-104, 144
Floor-Mount		Flushing Rim, C.I.	210
Concealed Arms	48-49	Funnel	144-145, 286
Exposed Arms	52-54, 63	Gasoline, Volatile Liquid	174
Hanger Plate	56, 59	Gutter, Roof	96-98
Options Illustrated	47	Isolation Deck, Roof	108
Wall Mount		IRMA, Roof	81-82, 89
Concealed Arms	49-52	Key Lock, Floor	157
Exposed Arms	54-55	LEVELEZE® Drains	
Hanger Plate	61-62	Floor	156-158
Carriers, Sink		Roof	79-80, 88
Floor-Mount		NON-CLOG	156-157, 160-162, 164
Exposed Arms	52-54	Overflow	
w/Hanger Plate	63	Downspout Scupper	98-103
Hanger Plate w/Adapter	64	Fountain	147
Hanger Plate w/Fitting	65	Roof	79-80, 85-86, 103-104
Options, Illustrated	47	Packing House	159, 172, 177
Carriers, Urinal		Parapet	98-100
Floor-Mount Hanger Plate	57, 60	Parking Deck, Roof	93-95
Wall-Mount Hanger Plate	62-63	Pit, Cast Iron	263
		Planting Area	108, 178
		Promenade	87-92
		Refrigerator (See Floor Sinks)	
		Roof (See Roof Drains)	
		Sill Drain	96-98
		Slaughter House	159, 172, 177
		Stainless Steel	181-185
		Toilet Rooms	139-149
		Trench (See Trench Drains)	
		Drain Receiver, Roof	67-69
		E	
		Electronic Grease Interceptors	240, 247
		Grease/Oil Level Detectors	248
		Expansion Joints, Roof	105
		Extension Collars	
		Fixed, Floor	121
		Fixed, Roof	69
		LEVELEZE® Floor	156-158
		LEVELEZE® Roof	71, 79-80, 88
		F	
		Finishes & Materials	5
		Fittings (See Carriers)	
		Fixed Air Gaps	290-291
		Fixed Supports (See Carriers)	
		Fixture Carriers (See Carriers)	
		Flashing Sleeves	105-106
		FLO-SEPTOR® Drains	103-104
		Floor Access Covers (See Cleanouts)	
		Floor Cleanouts (See Cleanouts)	
		Floor Drains (See Drains)	
		Floor Sinks	
		Acid-Resisting Cast Iron	188-210
		Stainless Steel	
		(See Josam Stainless Steel	
		Drainage Products Catalog)	
		Flow Control Roof Drains	
		(FLO-SET®)	107
		Flow Control Fittings	237
		Frames & Grates, Trench	279-281
		Fresh Air Inlets	291-292
		Funnels	131-132
		Funnel Drains	144-145, 286
		G	
		Gasket, JIFFEE-JOINT	66
		Grates & Frames, Trench	279-281
		Grease Interceptors	
		Electronic	247
		Enclosed	242-243
		High Volume	245
		Low Boy	244-245
		Manual Clean	
		239, 241-242, 244-247
		Recessed	242, 244
		Semi-Automatic Draw-Off	243-245
		Grease Removal Device (GRD)	240
		Green Drains	109-112, 116
		H	
		Hair Interceptors	253
		Hydrants	
		HYDRASAN® I (See Below)	
		Integral Backflow Preventer	267
		Non-Freeze	267
		Parts List	268

Post	269	P	Vent Caps, Vandal-Proof.	106
Repair Kits	274	"P" Traps, Cast Iron	Vent Stack Sleeves	105-106
Tri-Temp	270	Packing House Drains . . .	W	
Wall	267	Parapet Drains	Wall Access Covers	224-230
Yard	270	Planting Area Drains	Wall Hydrants (See Hydrants)	
HYDRASAN® I		Plaster Interceptor	Wall-Hung Fixture Supports	
Maintenance Instructions	271	Plaza Drains	(See Carriers)	
Parts Drawing		(See Promenade Roof Drains)	Water Hammer Arresters	276
Mild Climate	273	Plugs, Cleanouts	Y	
Non-Freeze	272	Promenade Roof Drains	Yard Hydrants	274
Repair Kits	274			
I		R	Abbreviations Used	
Installation Drawings		Roof Drains	in this Catalog	
Backwater Valve	259	Adjustable	Adj.	Adjustable
Carriers, Closet	6-9	Balcony	ANSI	American National Standards Institute
Bowl to Carrier	16	Composition Deck	A.R.E.	Acid Resisting Enamel
Blowout	8	Controlled Flow (FLO-SET®)	ASME	American Society of Mechanical Engineers
Siphon Jet	8	Deck Clamps	ASPE	American Society of Plumbing Engineers
Carriers, Fixture	45-47	Drain Receiver	ASSE	American Society of Sanitary Engineers
Floor Drains	121, 124-125	Extensions	ASTM	American Society for Testing & Materials
Floor Sinks	186-187	Fixed	Aux.	Auxiliary
Hydrants	265, 271	LEVELEZE®	Br.	Branch
Interceptors	233-236	Flashing Sleeves	Brz.	Bronze
Roof Drains	72-76	Gutter	BWV	Backwater Valve
Trench Drains	277	IRMA	Cap.	Capacity
Interceptors		Indirect Waste	C.I.	Cast Iron
Flow Control Fittings	237	Isolation Deck	CISPI.	Cast Iron Soil Pipe Institute
Grease (See Grease Interceptors)		Options, Illustrated	CP	Chrome Plated
In-Line	255	Overflow	Dim.	Dimension
Oil Sludge	253	Parapet	DWV	Drain, Waste, Vent
Sand	256	Parking Deck	Ext.	Extension
Sediment	254-256	Promenade Deck	Ftg.	Fitting
Solids		Sill	Galv.	Galvanized
Dental Labs	254	Sill Drains	G.P.H.	Gallons Per Hour
Food	257-258	Sinks, Floor (See Floor Sinks)	G.P.M.	Gallons Per Minute
Hair	253	SUPER-FLO-SEPTORS®	G.R.D.	Grease Removal Device (GRD)
Jewelry	253-254	Sink Fixture Supports	H.P.T.	Hose Pipe Thread
Lint	254, 258	(See Carriers, Sink)	ID	Inside Diameter
Plaster	254	Solids Interceptors (See Interceptors)	IRMA	Insulated Roof Membrane Assembly
Isolation Deck Drains . . .	108, 116-118	Stack Sleeves	L.H.	Left Hand
K		Stainless Steel Products	NB	Nickel Bronze
Key Lock Drain	157	Cast Stainless	N.P.S.L.	National Pipe Straight Locknut
L		Cleanouts	N.P.T.	National Pipe Taper
Lavatory Fixture Supports		Floor Drains	O.C.	On Center
(See Carriers, Lavatory)		Fabricated Stainless Steel	OD	Outside Diameter
LEVELEZE®		Grease Recovery Device	PDI	Plumbing and Drainage Institute
Cleanouts	211-216	(GRD)	R.H.	Right Hand
Floor Drains	156-158		S.F.	Satin Finish
Roof Drains	79-80, 88		SS	Stainless Steel
Low Boy Grease Interceptor . .	244-245		SV	Service Weight
M			SW	Service Weight
Materials & Finishes	5		XH	Extra Heavy
N		T		
Nozzle, Downspout.	101-103	Traps (See Interceptors)		
NON-CLOG Drains (See Drains)		Trap Primers		
O		w/Distribution Unit		
Oil Separators		Trench Drains		
Extended Top.	249, 251-252	w/Frames		
External Storage Tanks . . .	250-252			
Gravity Draw-Off	249-252	U		
High-Volume	250-252	Urinal Supports (See Carriers)		
		V		
		Valves (See Backwater Valves)		

MATERIALS & FINISHES

Materials

BRONZE:

JOSAM bronze is a semi-red brass, generally used with a satin finish and is also an excellent base for chromium plating. All JOSAM chromium plated bronze is cast with this alloy and results in a lasting bright appearance which is stain resistant and maintenance free. Use of bronze instead of cast iron may reduce load classification.

CAST IRON:

JOSAM gray iron is produced to ASTM Standards and has a 25,000 p.s.i. minimum tensile strength. The use of quality materials and the most modern production methods results in sound, dependable metal with good corrosion resistance.

DUCTILE IRON:

A nodular graphite iron with the strength of steel is supplied for gratings, which must carry the heaviest loads.

NIKALOY:

This nickel bronze alloy is used when a high strength harder bronze material is needed for chemical resistance and a long-lasting, easily-maintained bright finish. Use of Nikaloy instead of cast iron may reduce load classification.

ACID-RESISTING COATINGS:

Floor Sinks are provided with an acid-resisting porcelain enameled or high-gloss baked epoxy sanitary acid-resisting white coating that has an excellent appearance and is easy to clean. The acid-resisting coating provided on other cast iron and steel products is a two-part epoxy coating.

STAINLESS STEEL:

Stainless steel is commonly used in the dairy, food processing, chemical, pharmaceutical and institutional industries. Available in type 304 and 316L stainless steel.

PLATING AND SPECIAL COATINGS:

JOSAM bronze is often chromium plated for ease of maintenance and resistance to chlorine. All JOSAM cast iron is dip coated with a quality paint and, when required, special chemical-resistant coatings are furnished for harsh environments. Galvanized coatings are supplied by a new zinc-rich polymeric coating. This finish conforms to Mil. Spec. MIL-P21035 and is preferred to hot dipped coatings.

Finishes

ROUGH:

This designation applies to Nikaloy and bronze items, which are supplied in an "as cast" condition. All of the features of Nikaloy and bronze are present.

PAINTED:

JOSAM's protective coating is a water-reducible air-dry enamel paint.

SATIN:

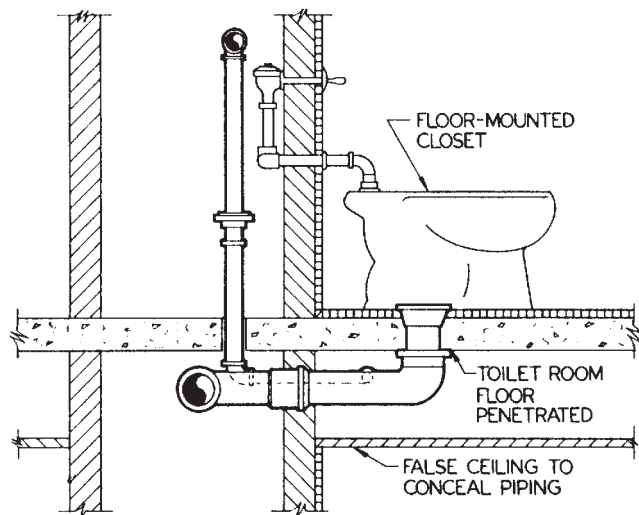
Low luster finish applied to Nikaloy and bronze products makes them compatible with the present architectural trends calling for exposed hardware to be inconspicuous in appearance. This satin finish has been selected by JOSAM to be standard on all Nikaloy and bronze finished parts.

INSTALLATION OF OFF-THE-FLOOR FIXTURES

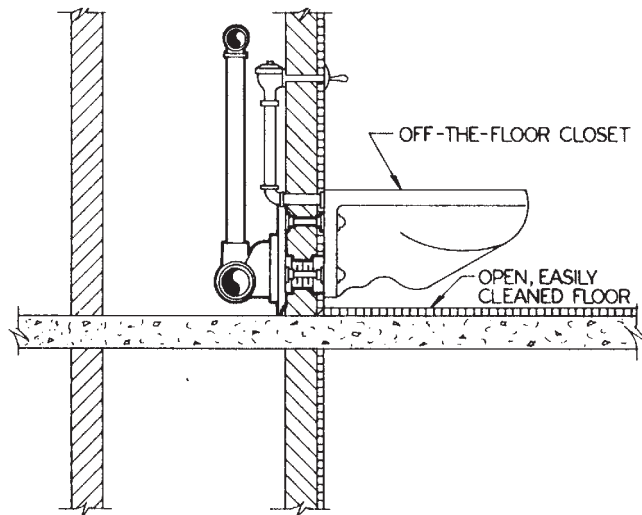
Many factors, including cost, material, labor required, space, handling and others must be thoroughly evaluated when planning an installation. With on-the-floor water closets, slabs must be penetrated and sleeved at each fixture to accommodate waste piping which, in many instances, has to be suspended below the slab.

Such suspended piping requires concealment in multi-story installations, thereby necessitating drop or furred ceilings in the rooms below. The fitting and assembly of waste piping in such installations, as a rule, must be accomplished on the spot with the aid of scaffolding and extra mechanics, which contributes to high construction costs and affects not only the mechanical contractor but the structural, floor, wall and ceiling mechanics as well.

Conversely, with off-the-floor fixtures, there is no slab penetration in toilet room areas. The support and piping systems are concealed behind the walls. Such systems are ideally suited to the modern modular plumbing concept as they are readily fabricated either on site or in the contractor's shop at significant savings over conventional piece-by-piece assembly. A well planned and executed off-the-floor fixture installation today will provide lasting benefits appreciated by future building occupants and owners.



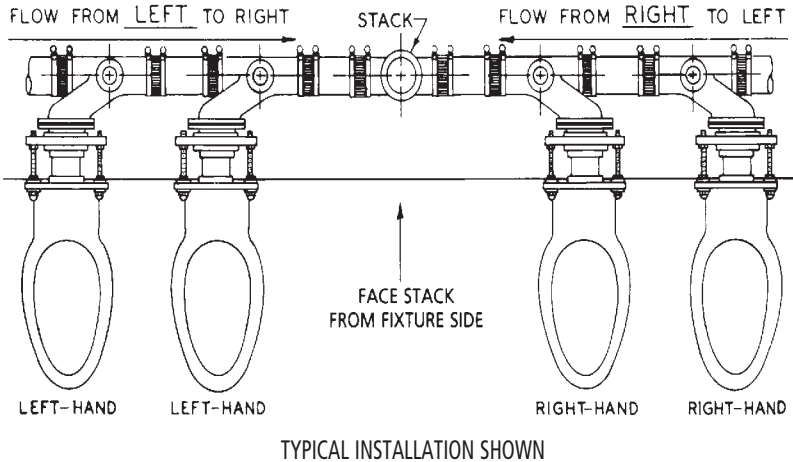
ON-THE-FLOOR WATER CLOSET



OFF-THE-FLOOR WATER CLOSET

Horizontal Fitting & Carrier Selection

DIAGRAM TO DETERMINE LEFT- OR RIGHT-HAND CLOSET FITTINGS

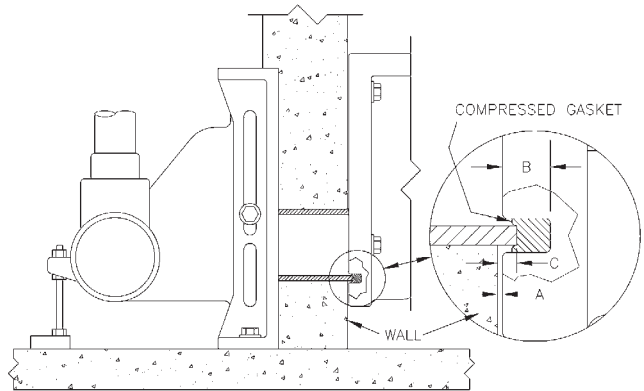


1. If flow in waste line is **from the right of the stack**, the closet fitting should be a **right-hand fitting**.
2. If flow in waste line is **from the left of the stack**, the closet fitting should be a **left-hand fitting**.

Extension Length Determination

This is a side view. The enlarged inset shows the depth of the gasket within the groove of the fixture and the extension with proper pressure on the gasket.

When the closet is installed on the carrier, the front end of the extension must be located properly in order to compress the gasket enough so that the gasket's adhesive coated surfaces are in contact with the china and the face of the extension. This will help ensure a tight seal.



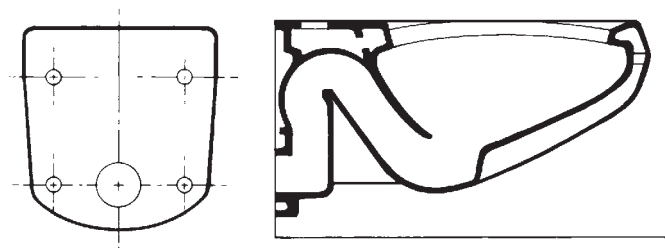
For closets which have a groove with a rectangular cross-section, use this formula: $C = A + B - 1/2"$

Where: A = Distance from Closet to Wall B = Depth of Groove in Closet C = Distance Extension Extends from Wall

For closets which have a groove with a V-shaped cross-section:

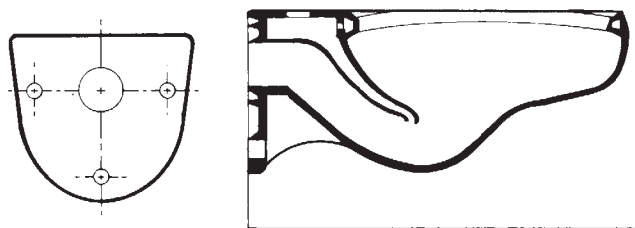
Use the above formula, but an additional 1/8" (or more) may be added to C.

SIPHON JET



This type, because of its quiet, efficient, sanitary flushing action, is usually specified in most commercial, institutional and hotel applications. Water is introduced into the bowl through the rim and up leg of trap through jets placed there to fill the trapway thus creating siphonic action to quickly evacuate the bowl. The large water surface in the bowl insures sanitation.

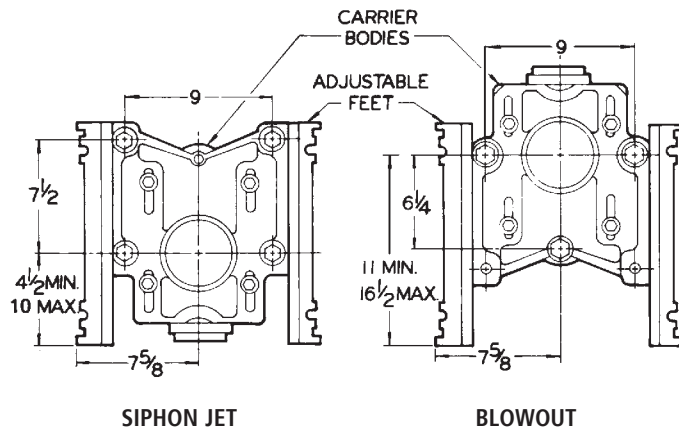
BLOWOUT



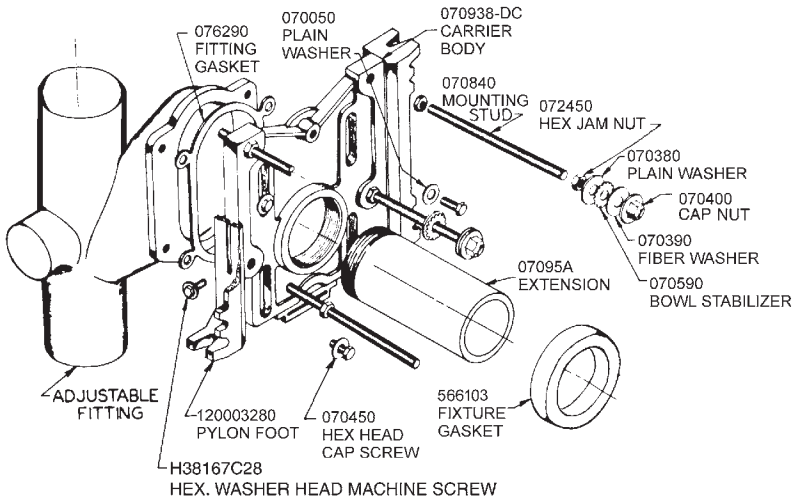
This type is particularly suited to heavy use applications such as public facilities in stadiums and terminals. The flushing action produced by the jet of water in the outlet passage is strong for rapid evacuation of the bowl. Fouling problems are minimal. However, because of the powerful flushing action, this type of closet is noisy to operate.

ONE CARRIER FOR SIPHON JET OR BLOWOUT

CHASE-SAVER® is shipped pre-assembled for siphon jet closets and is quickly inverted for use with blowout closets.

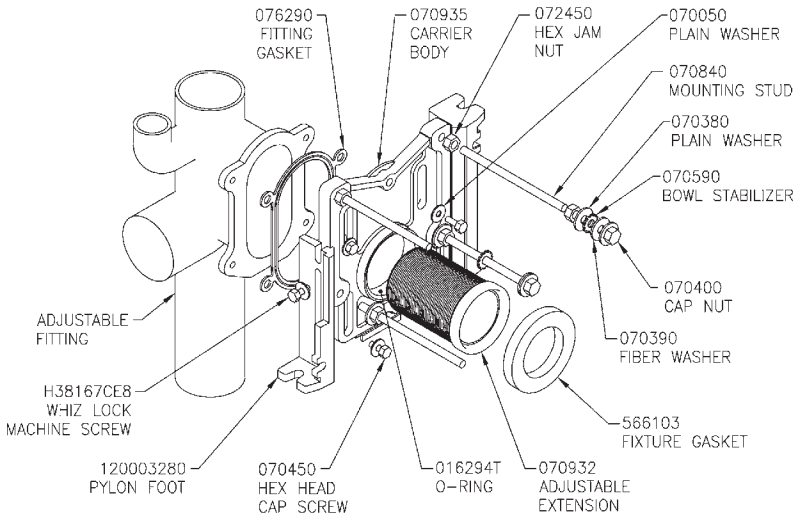


12000 -PF



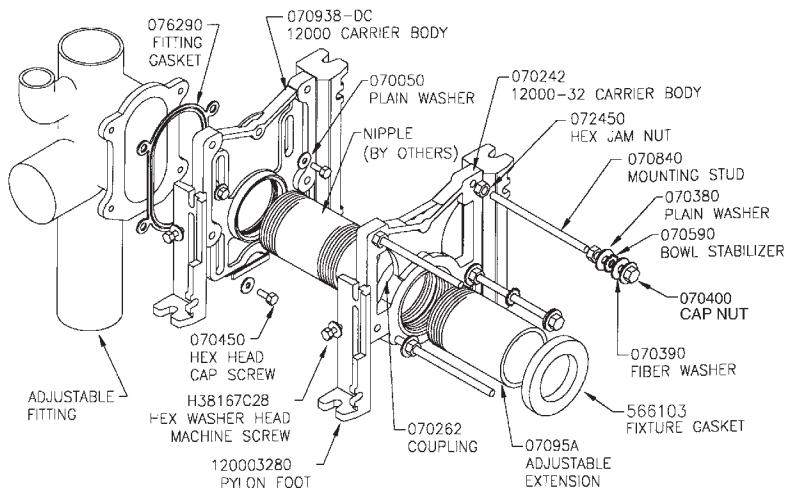
SPECIFICATION: JOSAM 12000-PF Series coated cast iron CHASE-SAVER® II Closet Carrier with adjustable connection, adjustable pylon feet, ABS extension with integral test cap, chrome plated trim, coated accessories and JIFFEE-SEAL Neoprene fixture gasket, for use with blowout or siphon jet water closets.

12000 -OR



SPECIFICATION: JOSAM 12000-OR Series coated cast iron CHASE-SAVER® II Closet Carrier with adjustable connection, adjustable pylon feet, ABS extension with integral test cap, chrome plated trim, coated accessories and JIFFEE-SEAL Neoprene fixture gasket, for use with blowout or siphon jet water closets.

-32 WIDE CHASE CLOSET CARRIER



SPECIFICATION: JOSAM -32 coated cast iron Wide Chase Closet Carrier with adjustable closet connection, adjustable pylon feet, ABS extension with integral test cap, chrome plated trim, coated accessories and JIFFEE-SEAL Neoprene fixture gasket, for use with blowout or siphon jet water closets.

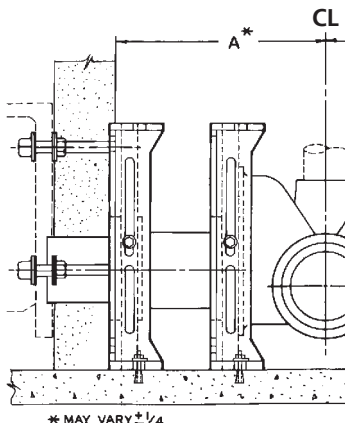
-32 NIPPLE SELECTION

-32 OPTION RECOMMENDED LENGTH NIPPLES (BY OTHERS)

A* Minimum Chase	Length Nipple to Use
9-1/4	2-7/8
10-1/4	4
11-1/4	5
12-1/4	6
13-1/4	7
14-1/4	8
15-1/4	9
16-1/4	10
17-1/4	11
18-1/4	12

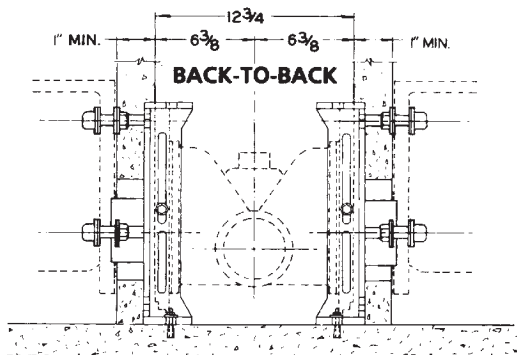
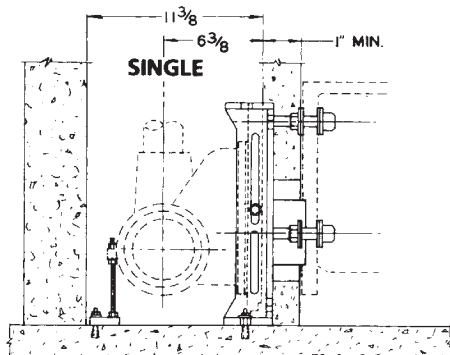
Recommended Pipe: 4" Galvanized Steel

NIPPLE LENGTH DRAWING

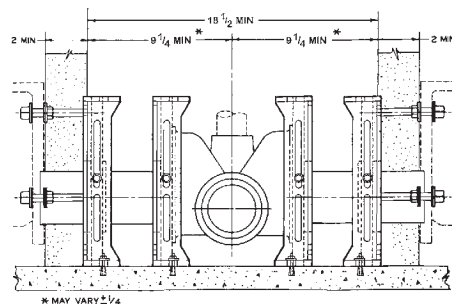
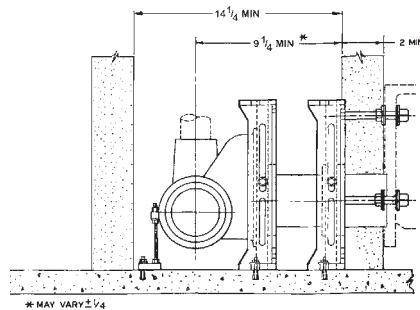


To provide proper fixture support, the carrier should be set directly behind or within the wall. To accomplish this in wide pipe chases with DWV piping either centered or offset, it is necessary to separate carrier and drainage fitting as required with nipples that are longer than 2-7/8." The minimum dimension (A*) was determined using a 2-7/8" length nipple. Nipples ranging in length from 2-7/8" to 12" in 1 inch increments are identified on this page for specification when such construction conditions are encountered.

12000 Minimum Dimensions



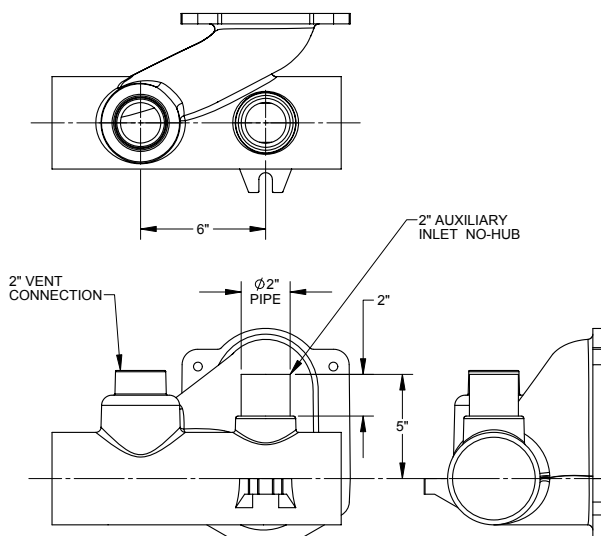
12000-32 Minimum Dimensions



* MAY VARY ± 1/4"

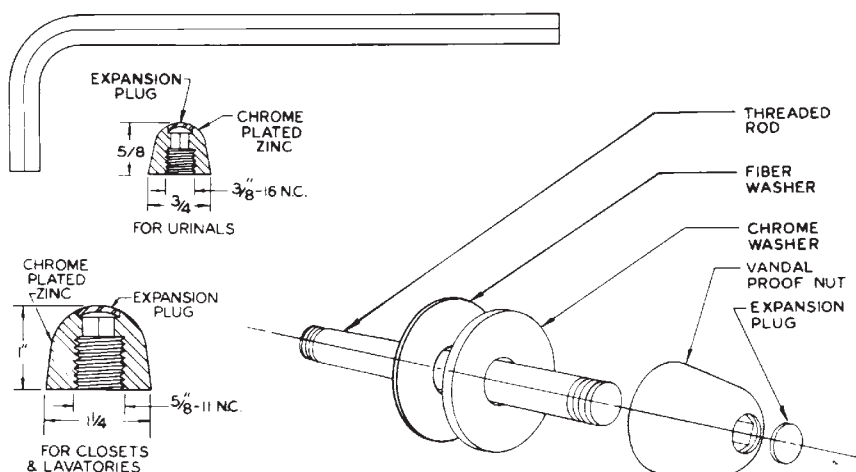
ADJUSTABLE EXTENSIONS AVAILABLE FOR -32 OPTION

Wall Thickness	Length of Extension	Length of Threaded Rod	ABS Extension Part No.
1" through 5-1/2"	7"	9-1/2"	07095A
5-1/2" through 10-1/2"	12"	14-1/2"	07095E



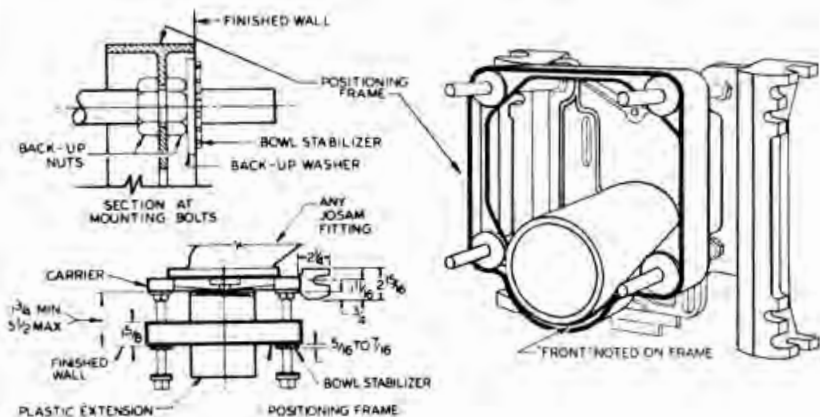
(-AUX) OPTION, 2" AUXILIARY INLET

The 2" auxiliary inlet is for applications with back-to-back bathrooms where the ladies room has a water closet carrier and the mens room has a urinal carrier. (Available on 12674 and 12684 Series.)



(-VP) OPTION, VANDAL-PROOF TRIM

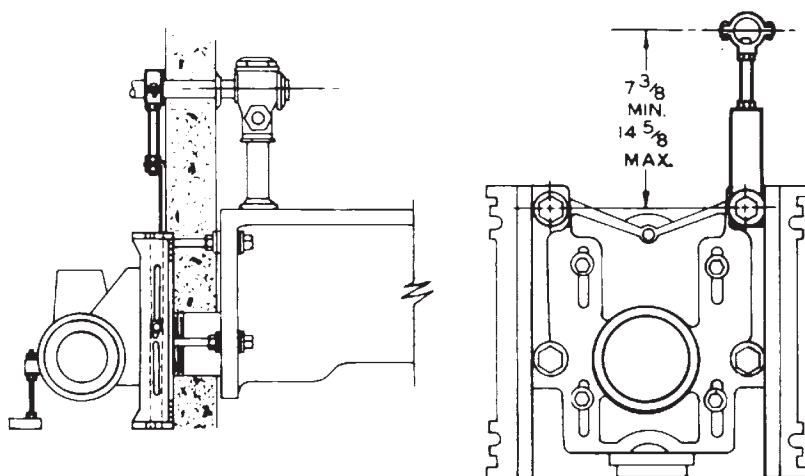
The JOSAM Vandal-Proof trim is designed to prevent tampering and possible damage to the fixture caused by vandalism. The Vandal-Proof trim can be used in place of the regular JOSAM cap nuts. Trim is installed using a hex key. After installation is complete, chrome plated expansion plugs which match the nuts, snap into place minimizing the chances of vandalism.



(-1) OPTION, TRU-SET POSITIONING FRAME (Siphon Jet Closets Only)

Made of high impact polystyrene, the TRU-SET Positioning Frame offers many advantages to the plumbing contractor. The positioning frame is mounted on the carrier studs at the time the carrier is being installed, thus it acts as a guide and template, eliminating problems caused by normal dimensional variations when the wall is being erected. Studs and adjustable extension are set to the frame, eliminating further adjustment when the fixture is being hung. Chances of bowl breakage are minimized since bowl is held the correct distance from finished wall.

NOTE: Sold only with JOSAM closet carriers.



(-6) OPTION, SUPPLY PIPE SUPPORT

Support assembly attaches to an upper carrier mounting stud and securely holds water supply pipe running to the flush valve. This hanger prevents movement of water piping during and after construction, protecting piping as well as the flush valve. When ordering, specify type of pipe to be supported.

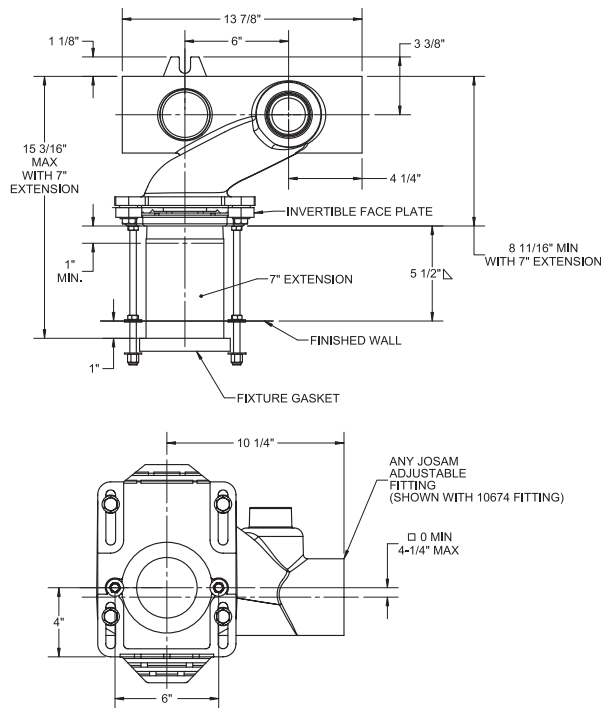


ILLUSTRATION A

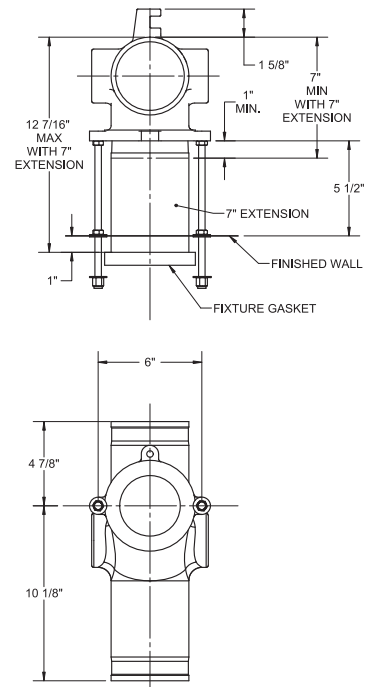
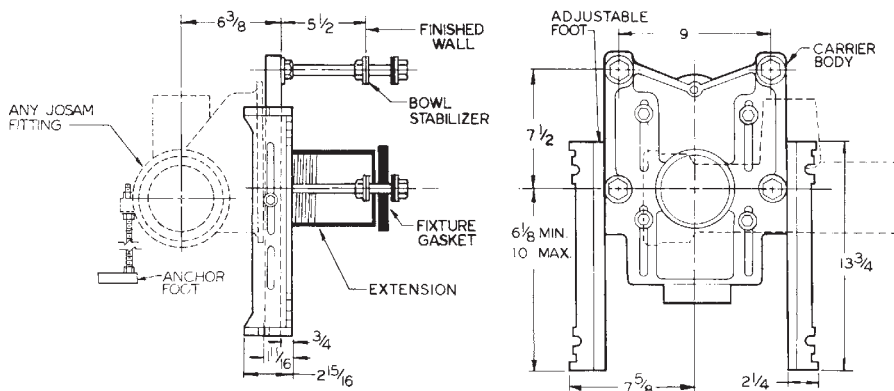


ILLUSTRATION B

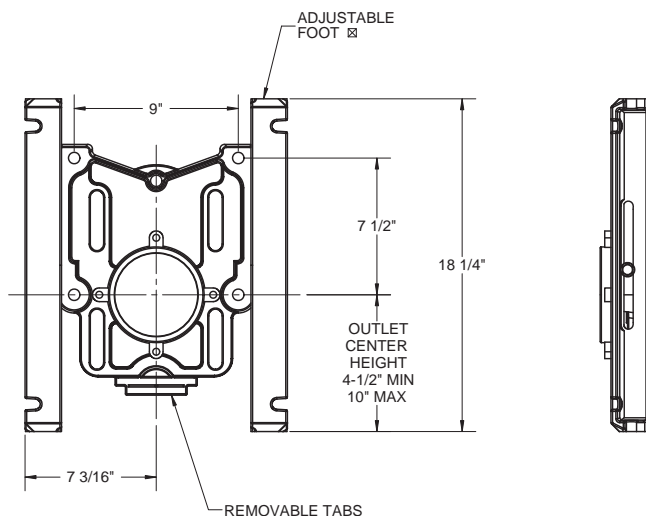
(-24) OPTION, FOR FLOOR-MOUNTED BACK-OUTLET CHINA CLOSETS

This option adapts adjustable as well as other types of fittings for securing floor-mounted back-outlet China closets. Any adjustable fitting is adapted as shown in Illustration A. Other types of fittings are provided with bosses to attach the closet securing studs at the correct dimensions for this type of closet. See Illustration B.



(-35) OPTION, CLOSET CARRIER FOR WHEELCHAIR HIGH ROUGH

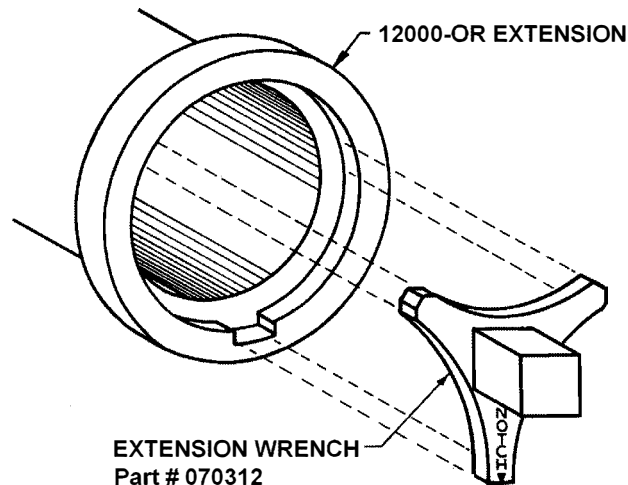
This optional carrier can be used with all adjustable fittings. When used with blowout closets over 12 1/2", **specify -M1358.**



-PAF OPTION, PRE-FAB ADJUSTABLE FEET

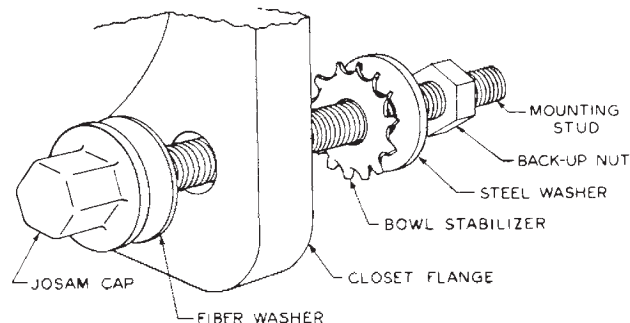
These optional feet can be used with 12000-OR, 12000-CR or 12000-PF faceplates. Feet are designed to be attached to angle iron or unistrut for pre-fab construction.

12000-OR WRENCH



Use 12000-OR wrench to apply forward pressure as you thread extension into 12000-OR faceplate.

BOWL TO CARRIER INSTALLATION



FH Hardware Part #: 565985T
Mounting Stud and Back-up Nut
not included in FH Hardware Kit.

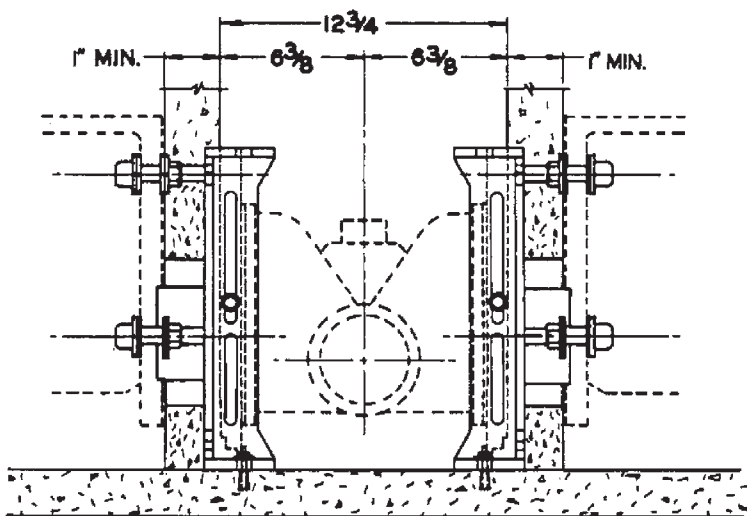
To set bowl using finished hardware group "FH," put a hex nut, back-up washer, and a bowl stabilizer on each mounting stud.

Adjust with front of back-up nut and washer at finished wall line.

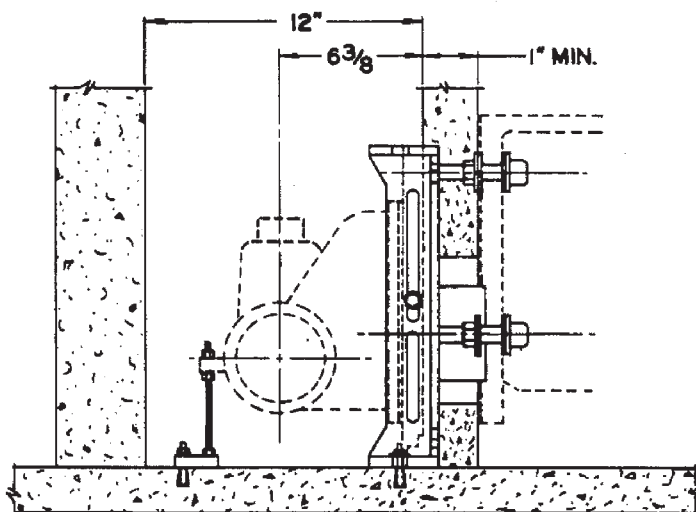
If the back-up nut and washer are moved to clear irregularities in the finished wall, the extension **MUST** be adjusted an equal amount.

Place fixture gasket in toilet outlet and hang closet. Assemble fiber washers and JOSAM cap nuts to two studs on the center line of the closet outlet and one other stud below and tighten with a wrench.

Assemble fiber washer and JOSAM cap nut to remaining stud, hand tighten and take 1/2 turn with a wrench.



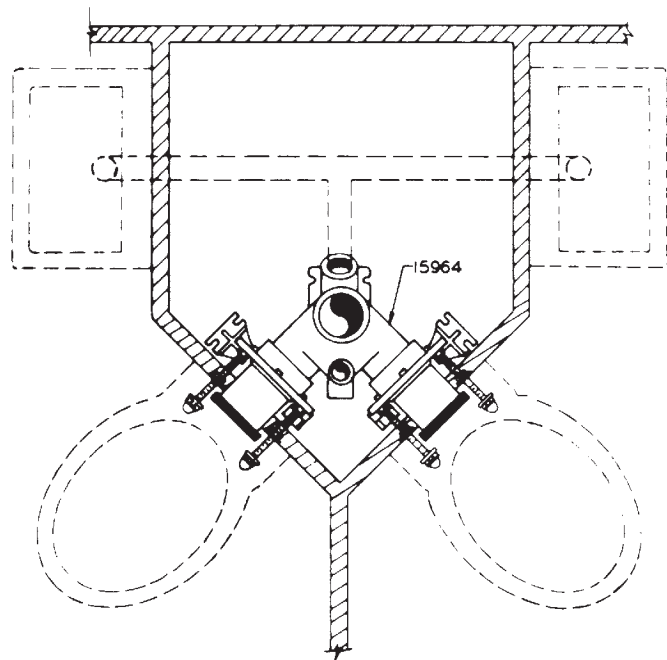
Installation of back-to-back 12000-PF Series Adjustable Carrier showing minimum extension.



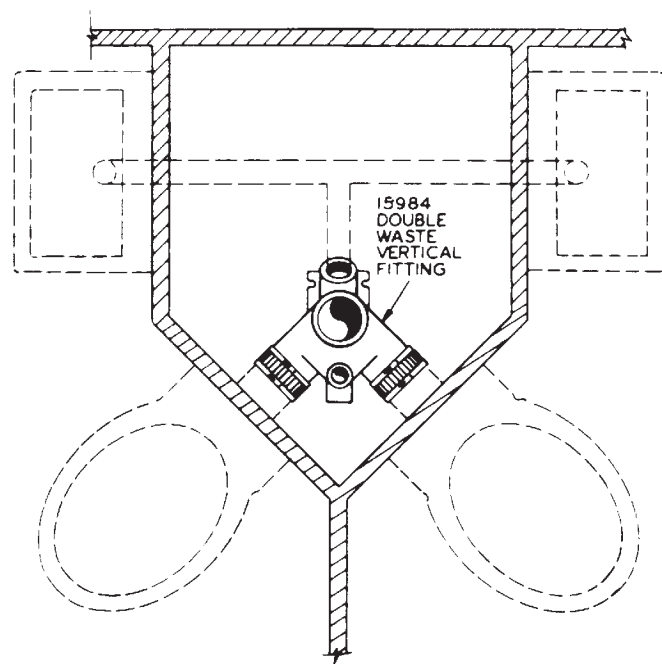
Installation of 12000-PF Series Adjustable Carrier in a standard 12" wide pipe chase showing minimum extension.

Installations 90° Double Waste Fitting 15964 & 15984 Series

Installations of 15964 and 15984 Series double vertical 90° no-hub fittings where a closet and lavatory are installed in each room with one stack serving two rooms.



15964 SERIES SHOWN IN A TYPICAL ROOM BACK DISCHARGE TOILET FACILITY



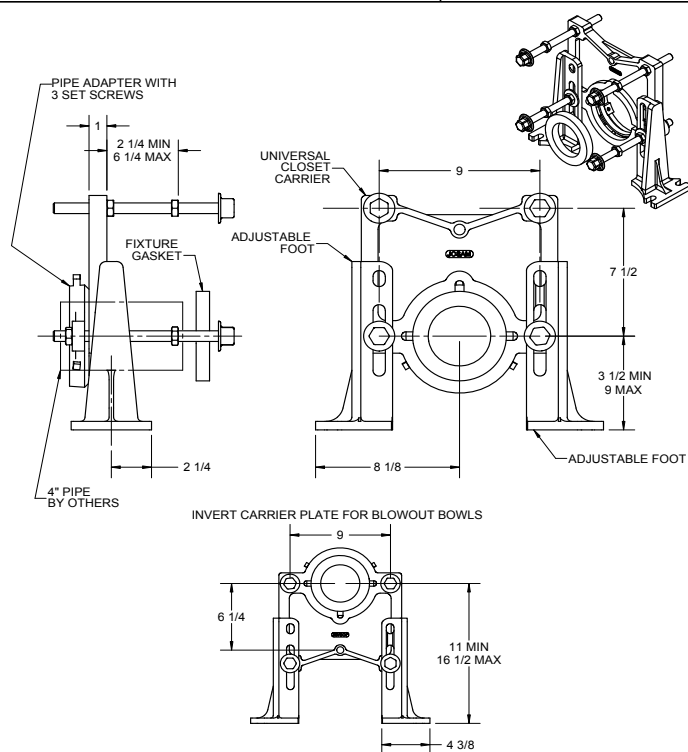
15984 SERIES DOUBLE WASTE VERTICAL FITTING SHOWN INSTALLED IN A TYPICAL ROOM BOTTOM DISCHARGE TOILET FACILITY LAYOUT

SPECIFICATION:

JOSAM SERIES 11001 COATED CAST IRON UNIVERSAL PIPE GRIP CLOSET CARRIER WITH 4" PIPE ADAPTER. ADJUSTABLE FEET AND FINISH HARDWARE AND TRIM TO SUPPORT SIPHON JET OR BLOWOUT WALL-HUNG WATER CLOSET. WASTE PIPING AND FITTING SUPPLIED BY OTHERS.

CLOSET CARRIER WITH PIPE ADAPTER

SERIES **11001**



DATE OF LAST CHANGE: 4/20/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

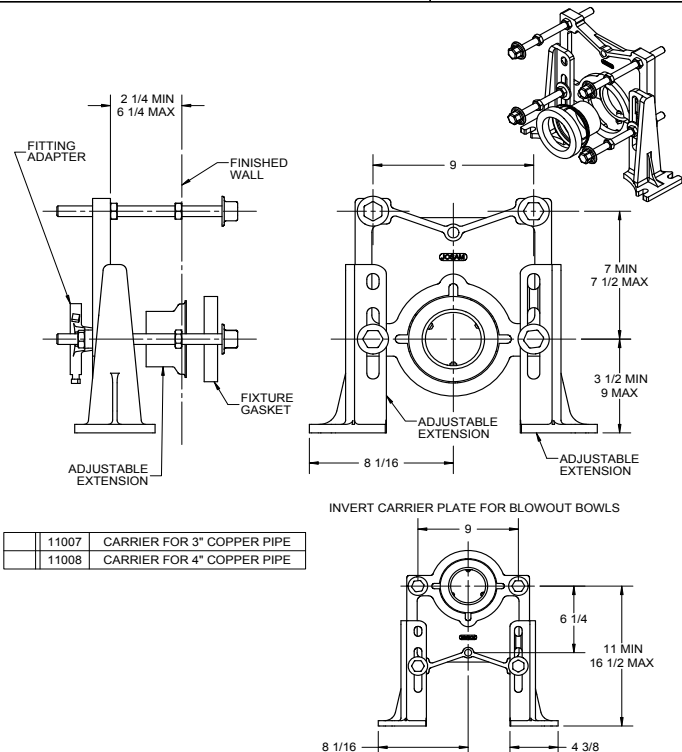
NOTES

SPECIFICATION:

JOSAM SERIES 11007 AND 11008 COATED CAST IRON UNIVERSAL PIPE GRIP CLOSET CARRIER WITH 3" OR 4" COPPER PIPE ADAPTER. ADJUSTABLE FEET AND FINISH HARDWARE AND TRIM TO SUPPORT SIPHON JET OR BLOWOUT WALL-HUNG WATER CLOSET. WASTE PIPING AND FITTING SUPPLIED BY OTHERS.

CLOSET CARRIER WITH COPPER PIPE ADAPTER

SERIES **11007 & 11008**



11007	CARRIER FOR 3" COPPER PIPE
11008	CARRIER FOR 4" COPPER PIPE

DATE OF LAST CHANGE: 4/20/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

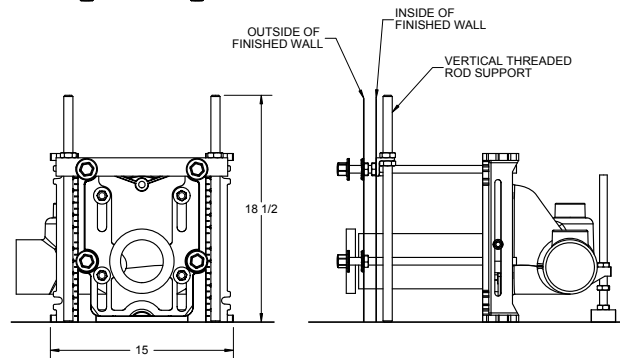
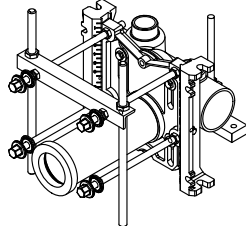
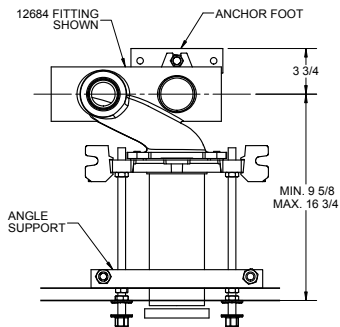
NOTES

SPECIFICATION:

JOSAM 12674-XSD AND 12684-XSD SERIES COATED CAST IRON HORIZONTAL 4" NO-HUB FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, ANGLE SUPPORT, THREADED ROD, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

BARIATRIC CARRIER
 (LEFT HAND SHOWN)

SERIES

12674-XSD
12684-XSD


RECOMMEND CONCRETE ANCHORS
WITH 750 LBS. PULL-OUT FORCE EACH.

THIS PRODUCT MEETS OR EXCEEDS THE
REQUIREMENTS OF ANSI A112.6.1M-1997
WHEN TESTED AT 1,000 POUNDS.

DATE OF LAST CHANGE: 4/24/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

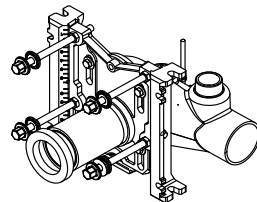
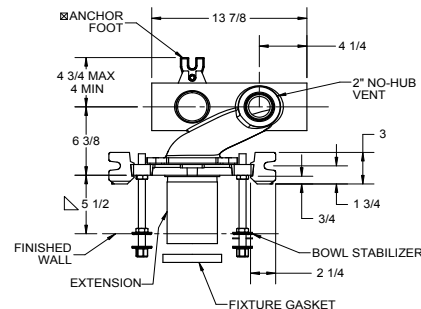
NOTES

SPECIFICATION:

JOSAM 12674 SERIES COATED CAST IRON SINGLE HORIZONTAL 4" NO-HUB LEFT-HAND OFFSET FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
 LEFT HAND

SERIES

12674


▴ FOR DIMENSION SHORTER
THAN 5-1/2" (1" MIN) CUT
EXTENSION. FOR LONGER
EXTENSION (10-1/2" MAX)
SPECIFY (-10).

■ RECOMMEND FEET BE
SECURED TO FLOOR WITH
1/2" BOLTS AND ANCHORS
(BY OTHERS).

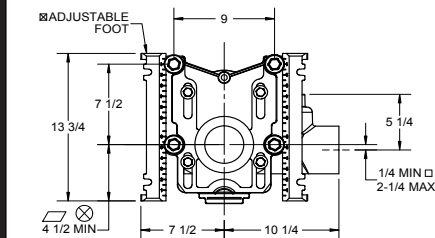
⊗ FOR SIPHON JET ROUGHING
OVER 6" OR BLOWOUT
ROUGHING OVER 12-1/2"
SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

□ MIN 2" & MAX 4"

▤ MIN 11" & MAX 16 1/2"

⊙ AUX INLET IS 6" OFFSET
FROM VENT



-PF	PYLON FOOT, STD	-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER
-OR	O-RING CARRIER	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-SD	SPECIAL-DUTY 500 LB CARRIER	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-HS	HUB & SPIGOT	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-AUX	⊙ AUXILIARY INLET (2" NO-HUB)	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-HUB	⊙ AUXILIARY INLET (2" HUB)	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-AUX	⊙ AUXILIARY INLET (2" HUB)	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-VP	VANDAL-PROOF TRIM	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-1	POSITIONING FRAME	-58	HORIZONTAL NO-HUB CAST LONG BARREL

DATE OF LAST CHANGE: 4/20/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

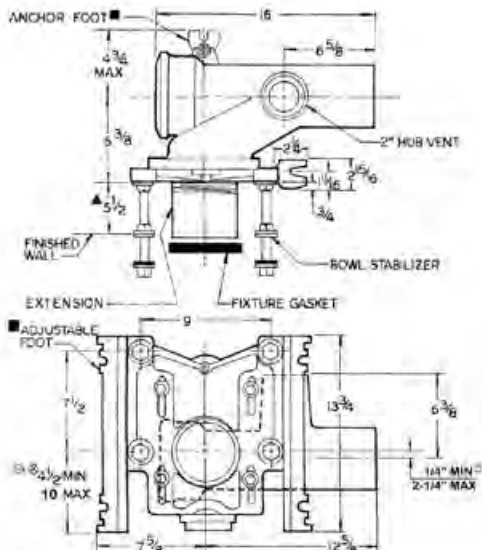
JOSAM 12674-HS SERIES COATED CAST IRON SINGLE HORIZONTAL 4" HUB & SPIGOT LEFT-HAND OFFSET FITTING WITH 2" HUB & SPIGOT VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
LEFT HAND

SERIES

12674-HS

FORMERLY 12004 SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN FOR BLOWOUT DIMS, USE:

□ MIN 2" & MAX 4"
⊗ MIN 11" & MAX 16-1/2"

PF PYLON FOOT, STD.
OR O-RING CARRIER
SD SPECIAL-DUTY 500 LB. CARRIER
HS HUB & SPIGOT
AUX AUXILIARY INLET, 2"
V-P VANDAL-PROOF TRIM
-1 POSITIONING FRAME
-6 SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)

-10 ABS EXTENSION THROUGH 10-1/2" WALL
-24 FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30 CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2 CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32 CARRIER FOR WIDE CHASE INSTALLATIONS
-35 CARRIER FOR WHEELCHAIR HIGH ROUGH
-58 HORIZONTAL HUB AND SPIGOT CAST LONG BARREL

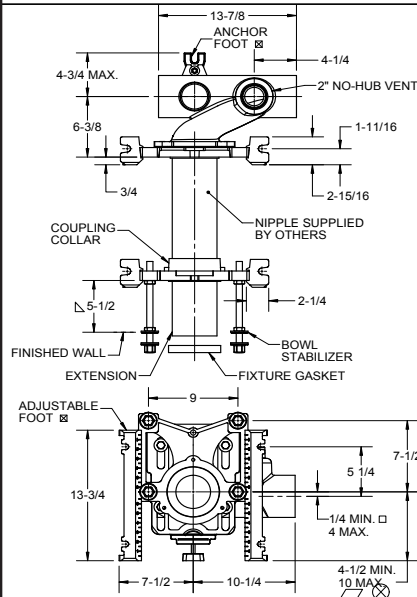
SPECIFICATION:

JOSAM 12674-32 SERIES COATED CAST IRON SINGLE HORIZONTAL 4" NO-HUB LEFT-HAND OFFSET FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
LEFT HAND

SERIES

12674-32



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN FOR BLOWOUT DIMS, USE:

□ MIN 2" & MAX 4"
/ MIN 11" & MAX 16 1/2"
⊗ AUX INLET IS 6" OFFSET FROM VENT

-PF	PYLON FOOT (STANDARD)	-XSD	EXTRA SPECIAL-DUTY 1,000 lbs. CARRIER
-OR	O-RING CARRIER	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-SD	SPECIAL-DUTY 500 lbs. CARRIER	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-AUX	AUXILIARY INLET (2" NO-HUB)	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-HUB	AUXILIARY INLET (2" HUB)	-30	CAST IRON ADJ. EXT. WITH CONNECTOR
-AUX	SECURED TRIM	-30-2	CAST IRON ADJ. EXT. WITH CONNECTOR & TEST CAP
-1	POSITIONING FRAME	X -32	CARRIER FOR WIDE CHASE INSTALLATIONS
-58	HORIZONTAL NO-HUB CAST LONG BARREL	-35	CARRIER FOR WHEEL CHAIR HIGH ROUGH

DATE OF LAST CHANGE: 04/20/2015
DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DRAWING No. 05/10/08

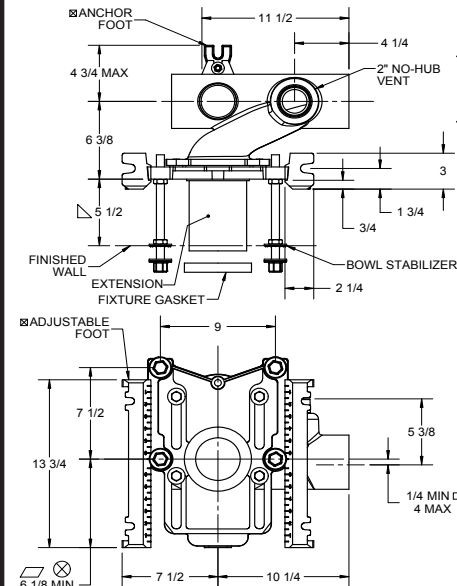
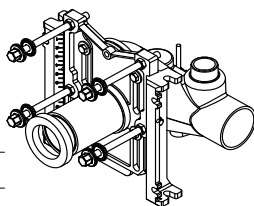
A-12623L-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

JOSAM 12674-35 SERIES COATED CAST IRON SINGLE HORIZONTAL 4" NO-HUB LEFT-HAND OFFSET FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY. INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

**CLOSET CARRIER
LEFT HAND****SERIES 12674-35**

Δ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-12" MAX) SPECIFY (-10).

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 2" & MAX 4"

▤ MIN 11" & MAX 16 1/2"

⊙ AUX INLET IS 6" OFFSET FROM VENT

-PF	PYLON FOOT, STD	-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER
-OR	O-RING CARRIER	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-SD	SPECIAL-DUTY 500 LB CARRIER	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-HS	HUB & SPIGOT	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-AUX	⊙ AUXILIARY INLET (2" NO-HUB)	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-HUB	⊙ AUXILIARY INLET (2" HUB)	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-VP	VANDAL-PROOF TRIM	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-1	POSITIONING FRAME	X -35	CARRIER FOR WHEELCHAIR HIGH ROUGH
		-58	HORIZONTAL NO-HUB CAST LONG BARREL

DATE OF LAST CHANGE: 4/20/2015

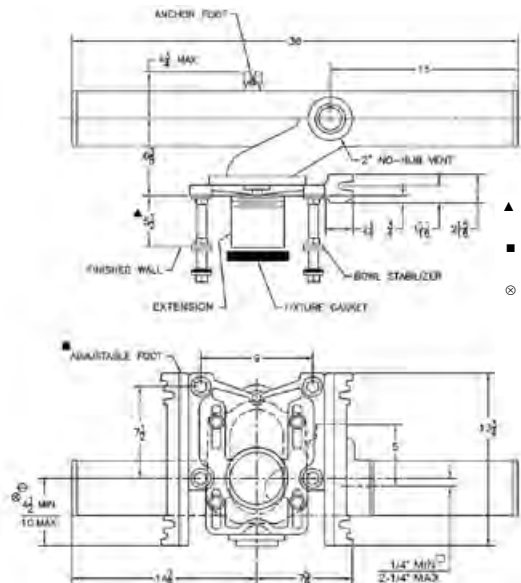
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 12674-58 SERIES COATED CAST IRON LONG BARREL LEFT-HAND HORIZONTAL 4" NO-HUB FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY. ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS.

**CLOSET CARRIER
LEFT HAND****SERIES****12674-58**

▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-12" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊙ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 2" & MAX 4"

⊙ MIN 11" & MAX 16 1/2"

-PF	PYLON FOOT, STD.
-OR	O-RING CARRIER
-SD	SPECIAL-DUTY 500 LB. CARRIER
-HS	HUB & SPIGOT
-AUX	AUXILIARY INLET, 2"
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)

-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-58	HORIZONTAL NO-HUB CAST LONG BARREL

DRAWING No. 05/10/08

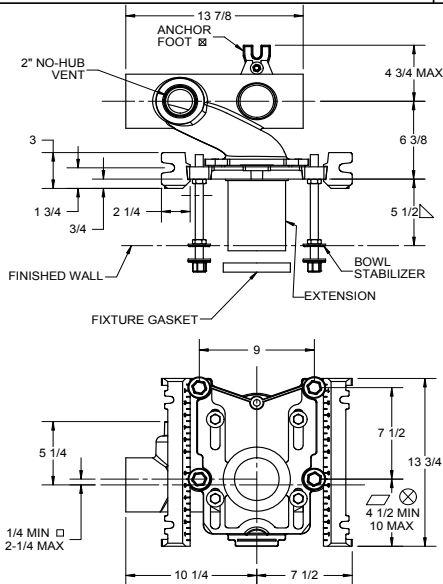
A-15151L-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

JOSAM 12684 SERIES COATED CAST IRON SINGLE HORIZONTAL 4" NO-HUB RIGHT-HAND OFFSET FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.



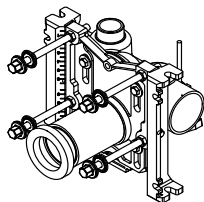
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER
-PF	PYLON FOOT. STD.
-OR	O-RING CARRIER
-SD	SPECIAL-DUTY 500 LB. CARRIER
-HS	HUB & SPIGOT
-AUX	AUXILIARY INLET (2" NO-HUB)
-HUB AUX	AUXILIARY INLET (2" HUB)
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME

-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-58	HORIZONTAL NO-HUB CAST LONG BARREL

CLOSET CARRIER
RIGHT HAND

SERIES

12684



△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

☒ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING
OVER 6" OR BLOWOUT
ROUGHING OVER 12-1/2"
SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

MIN 2" & MAX 4"

MIN 11" & MAX 16 1/2"

Ⓞ AUX INLET IS 6" OFFSET FROM VENT

DATE OF LAST CHANGE: 4/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

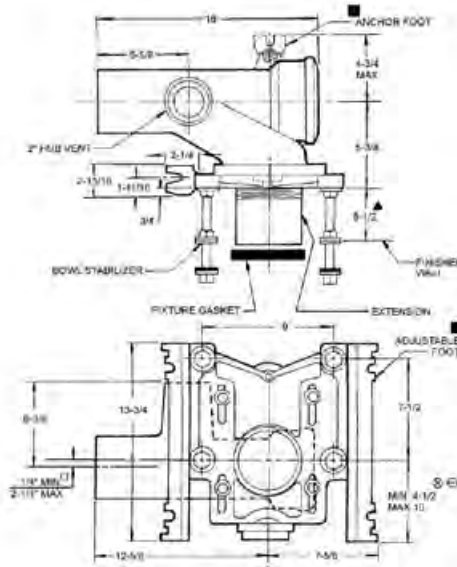
JOSAM 12684-HS SERIES COATED CAST IRON SINGLE HORIZONTAL 4" HUB & SPIGOT RIGHT-HAND OFFSET FITTING WITH 2" HUB & SPIGOT VENT AND ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
RIGHT HAND

SERIES

12684-HS

FORMERLY 12024 SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)









- RECOMMEND FEET BE SECURED TO FLOOR WITH ½" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

☐ MIN 2" & MAX 4"

⊖ MIN 11 & MAX 16-1/2"

- | | | |
|---|------|--|
|  | -PF | PYLON FOOT, STD. |
|  | -OR | O-RING CARRIER |
|  | -SD | SPECIAL-DUTY 500 LB. CARRIER |
|  | -HS | HUB & SPIGOT |
|  | -AUX | AUXILIARY INLET, 2" |
|  | -VP | VANDAL-PROOF TRIM |
|  | -1 | POSITIONING FRAME |
|  | -6 | SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE) |

- 10 ABS EXTENSION THROUGH 10-1/2" WALL
- 24 FLOOR MOUNTED BACK OUTLET CHINA BOWL
- 30 CAST IRON ADJ. EXTENSION W/ CONNECTOR
- 30-2 CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
- 32 CARRIER FOR WIDE CHASE INSTALLATIONS
- 35 CARRIER FOR WHEELCHAIR HIGH ROUGH
- 58 HORIZONTAL HUB AND SPIGOT LONG BARREL

DRAWING No. 05/10/08

A-12623R-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

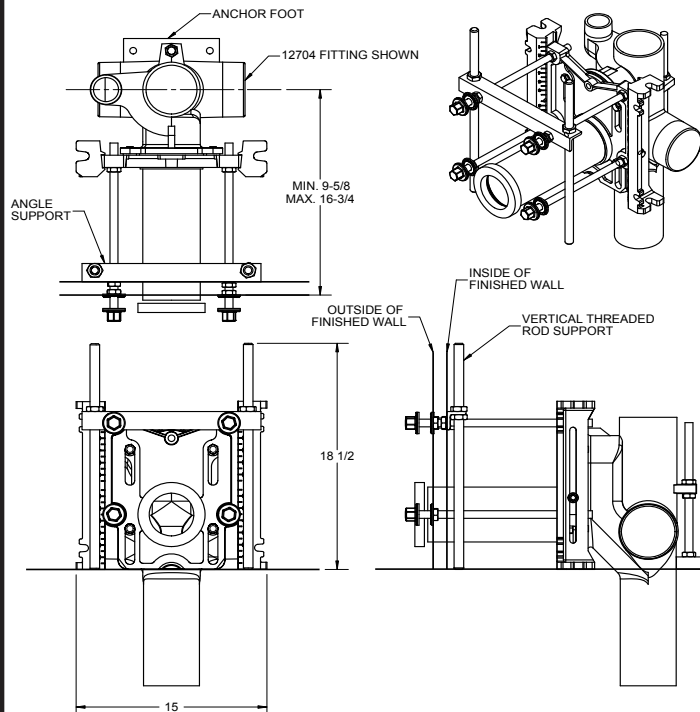
NOTES:

SPECIFICATION:

JOSAM 12704-XSD AND 12714-XSD SERIES COATED CAST IRON VERTICAL 4" NO-HUB FITTING WITH 2" NO-HUB VENT AND ADJUSTABLE CARRIER BODY. INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSURES, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, ANGLE SUPPORT, THREADED ROD, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

BARIATRIC CARRIER

SERIES **12704-XSD**
12714-XSD



RECOMMEND CONCRETE ANCHORS WITH 750 LBS. PULL-OUT FORCE EACH.

THIS PRODUCT MEETS OR EXCEEDS THE REQUIREMENTS OF ANSI A112.6.1M-1997 WHEN TESTED AT 1,000 POUNDS.

DATE OF LAST CHANGE: 4/24/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

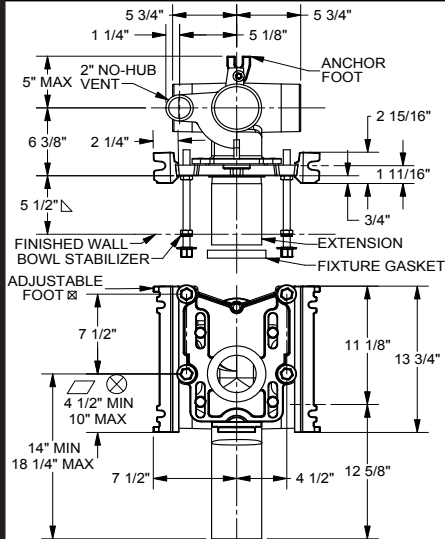
NOTES

SPECIFICATION:

JOSAM 12704 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH 2" NO-HUB LEFT-HAND OFFSET VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSURES, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET

CLOSET CARRIER
VERTICAL W/ LEFT HAND VENT

SERIES **12704**



△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

◇ MIN 11 & MAX 16-1/2"

-XSD	EXTRA SPECIAL-DUTY 1,000 LB CARRIER	-1	POSITIONING FRAME
-PF	PYLON FOOT, STD.	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-OR	O-RING CARRIER	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-SD	SPECIAL-DUTY 500 LB. CARRIER	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-HS	HUB & SPIGOT	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-LH4	LEFT-HAND 4" NO-HUB BRANCH	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-HLH4	LEFT-HAND 4" HUB BRANCH	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-RH4	RIGHT-HAND 4" NO-HUB BRANCH	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-HRH4	RIGHT-HAND 4" HUB BRANCH	-49	NO-HUB AUXILIARY INLET, UNDER VENT
-D4	DOUBLE 4" NO-HUB BRANCHES	-50	NO-HUB AUXILIARY INLET, OPPOSITE VENT
-HD4	DOUBLE 4" HUB BRANCHES	-53	THREADED AUXILIARY INLET, UNDER VENT
-VP	VANDAL-PROOF TRIM	-54	THREADED AUXILIARY INLET, OPPOSITE VENT

DATE OF LAST CHANGE: 10/24/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

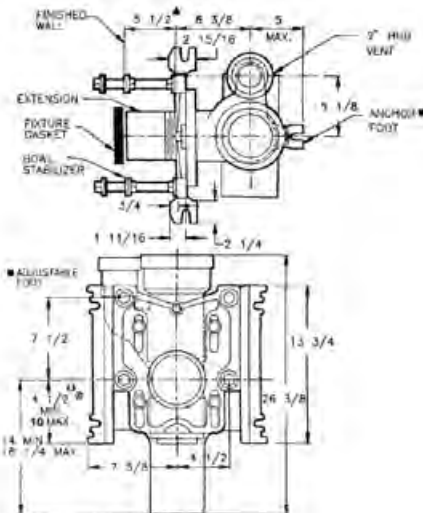
JOSAM 12704-HS SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING WITH 2" HUB & SPIGOT LEFT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL W/ LEFT HAND VENT

SERIES

12704-HS

FORMERLY 12114A SERIES



- ▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)
- RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6"
OR BLOWOUT ROUGHING OVER 12-1/2"

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:
Ⓐ MIN 11 & MAX 16-1/2"

- 1 POSITIONING FRAME
- 6 SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
- 10 ABS EXTENSION THROUGH 10-1/2" WALL
- 24 FLOOR MOUNTED BACK OUTLET CHINA BOWL
- 30 CAST IRON ADJ. EXTENSION W/ CONNECTOR
- 30.2 CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
- 32 CARRIER FOR WIDE CHASE INSTALLATIONS
- 35 CARRIER FOR WHEELCHAIR HIGH ROUGH
- 49 NO-HUB AUXILIARY INLET, UNDER VENT
- 50 NO-HUB AUXILIARY INLET, OPPOSITE VENT
- 53 THREADED AUXILIARY INLET, UNDER VENT
- 54 THREADED AUXILIARY INLET, OPPOSITE VENT

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

NOTES:

JOSAM COMPANY
MICHIGAN CITY, INDIANA

A-14675-K

SPECIFICATION:

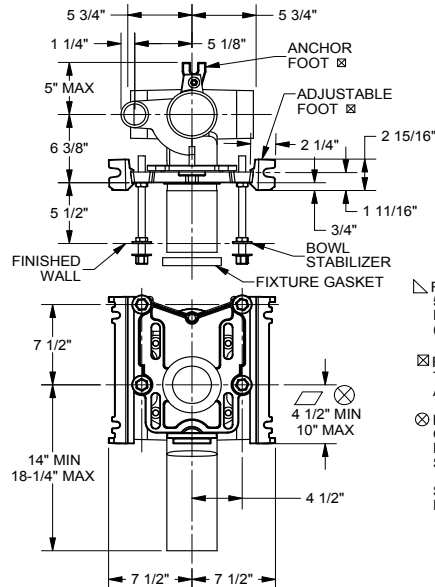
JOSAM 12704-LH4 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH LEFT-HAND 4" NO-HUB BRANCH INLET AND 2" NO-HUB LEFT-HAND OFFSET VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER

VERTICAL
W/ LEFT HAND VENT
AND LEFT HAND INLET

SERIES

12704-LH4



- △ FOR DIMENSION SHORTER THAN
5-1/2" (1" MIN) CUT EXTENSION.
FOR LONGER EXTENSION
(10-1/2" MAX) SPECIFY (-10)

- ☒ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

- ⊗ FOR SIPHON JET ROUGHING
OVER 6" OR BLOWOUT
ROUGHING OVER 12-1/2"
SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

MIN 11 & MAX 16-1/2"

	-PF	PYLON FOOT, STD.	-10	ABS EXTENSION THROUGH 10-1/2" WALL
	-OR	O-RING CARRIER	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
	-SD	SPECIAL-DUTY 500 LB. CARRIER	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
	-HS	HUB & SPIGOT	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR
X	-LH4	LEFT-HAND 4" NO-HUB BRANCH	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
	-HRH4	RIGHT-HAND 4" HUB BRANCH	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
	-VP	VANDAL-PROOF TRIM	-50	NO-HUB AUXILIARY INLET, OPPOSITE VENT
	-1	POSITIONING FRAME	-54	THREADED AUXILIARY INLET, OPPOSITE VENT
	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)		

DATE OF LAST CHANGE: 10/05/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 12704-HS-HLH4 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING WITH LEFT-HAND 4" HUB & SPIGOT BRANCH INLET AND 2" HUB & SPIGOT LEFT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

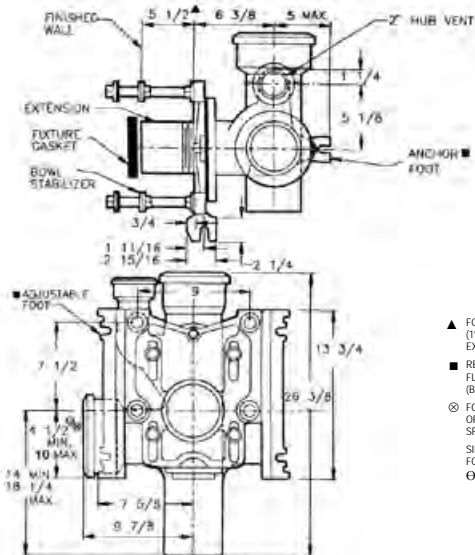
CLOSET CARRIER

VERTICAL W/ LEFT HAND VENT

SERIES

12704-HS-HLH4

FORMERLY 12174A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

◎ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:
Ø MIN 11 & MAX 16-1/2"

	-PF	PYLON FOOT, STD.
	-OR	O-RING CARRIER
	-SD	SPECIAL-DUTY 500 LB. CARRIER
	-HS	HUB & SPIGOT
	-RH4	RIGHT-HAND 4" NO-HUB BRANCH
	-HLH4	LEFT-HAND 4" HUB BRANCH
	-VP	VANDAL-PROOF TRIM
	-1	POSITIONING FRAME
	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)

	-10	ABS EXTENSION THROUGH 10-1/2" WALL
	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
	-50	NO-HUB AUXILIARY INLET, OPPOSITE VENT
	-54	THREADED AUXILIARY INLET, OPPOSITE VENT

SPECIFICATION:

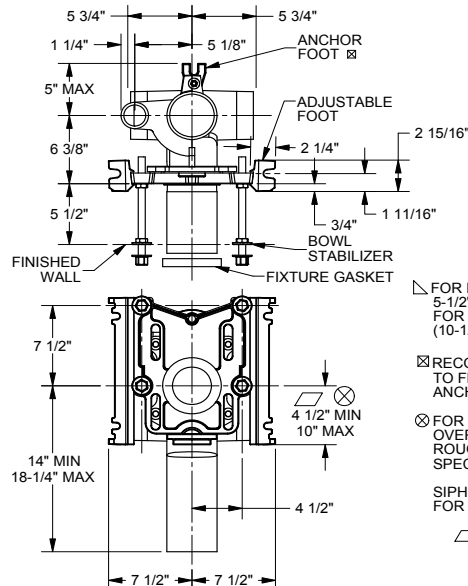
JOSAM 12704-RH4 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH RIGHT-HAND 4" NO-HUB BRANCH INLET AND 2" NO-HUB LEFT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER

VERTICAL W/ LEFT HAND VENT AND RIGHT HAND INLET

SERIES

12704-RH4



▷ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

✗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

✗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

▷ MIN 11 & MAX 16-1/2"

	-PF	PYLON FOOT, STD.		-10	ABS EXTENSION THROUGH 10-1/2" WALL
	-OR	O-RING CARRIER		-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
	-SD	SPECIAL-DUTY 500 LB. CARRIER		-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
	-HS	HUB & SPIGOT		-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
	-HLH4	LEFT-HAND 4" HUB BRANCH		-32	CARRIER FOR WIDE CHASE INSTALLATIONS
X	-RH4	RIGHT-HAND 4" NO-HUB BRANCH		-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
	-VP	VANDAL-PROOF TRIM		-49	NO-HUB AUXILIARY INLET, UNDER VENT
	-1	POSITIONING FRAME		-53	THREADED AUXILIARY INLET, UNDER VENT
	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)			

DATE OF LAST CHANGE: 10/06/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DRAWING No. 05/10/08

A-14678-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

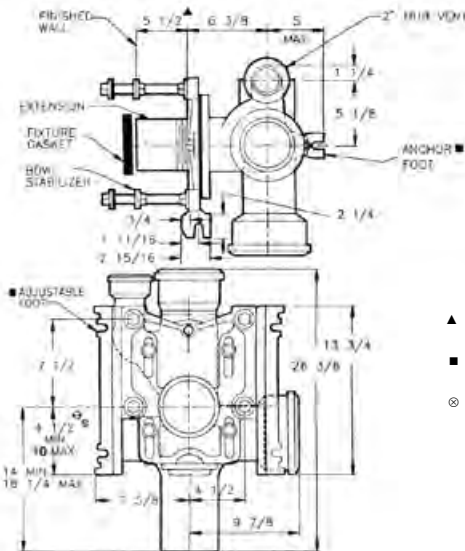
JOSAM 12704-HS-HRH4 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING WITH RIGHT-HAND 4" HUB & SPIGOT BRANCH INLET AND 2" HUB & SPIGOT LEFT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL W/ LEFT HAND VENT

SERIES

12704-HS-HRH4

FORMERLY 12234A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 3/8" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

Ø MIN 11 & MAX 16-1/2"

PF	PYLON FOOT, STD.
OR	O-RING CARRIER
SD	SPECIAL-DUTY 500 LB. CARRIER
HS	HUB & SPIGOT
LH4	LEFT-HAND 4" NO-HUB BRANCH
HRH4	RIGHT-HAND 4" HUB BRANCH
VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)

-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-49	NO-HUB AUXILIARY INLET, UNDER VENT
-53	THREADED AUXILIARY INLET, UNDER VENT

NOTES:

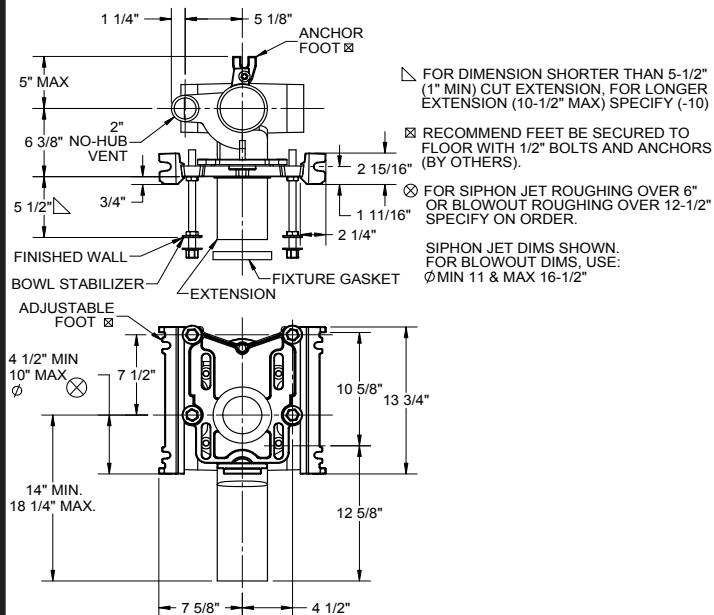
SPECIFICATION:

JOSAM 12704-D4 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH 4" NO-HUB BRANCH INLETS AND 2" NO-HUB LEFT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL W/ LEFT HAND VENT

SERIES

12704-D4



△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE: Ø MIN 11 & MAX 16-1/2"

	PF	PYLON FOOT, STD.
	OR	O-RING CARRIER
	SD	SPECIAL-DUTY 500 LB. CARRIER
	HS	HUB & SPIGOT
X	-D4	DOUBLE 4" NO-HUB BRANCHES
	VP	VANDAL-PROOF TRIM
	-1	POSITIONING FRAME

	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
	-10	ABS EXTENSION THROUGH 10-1/2" WALL
	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH

DATE OF LAST CHANGE: 3/24/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DRAWING No. 05/10/08

A-14681-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

SPECIFICATION:

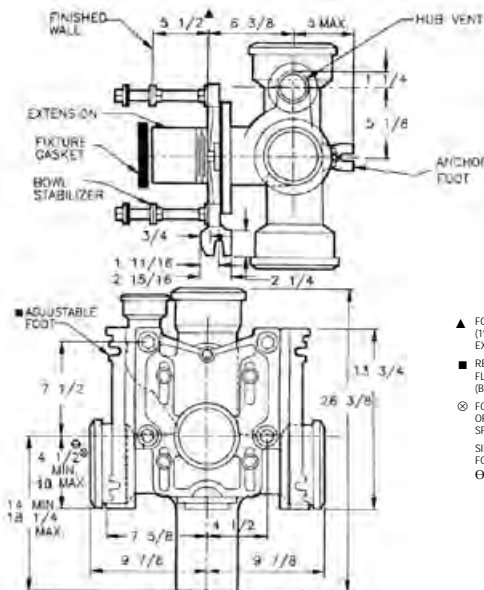
JOSAM 12704-HS-HD4 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING DOUBLE 4" HUB & SPIGOT BRANCH INLETS AND 2" HUB & SPIGOT LEFT-HAND OFF-SET VENT. ADJUSTABLE CARRIER BODY INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER VERTICAL W/ LEFT HAND VENT

SERIES

12704-HS-HD4

FORMERLY 12274A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

◎ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN FOR BLOWOUT DIMS, USE:
⊖ MIN 11 & MAX 16-1/2"

- PF PYLON FOOT, STD.
- OR O-RING CARRIER
- SD SPECIAL-DUTY 500 LB. CARRIER
- HS HUB & SPIGOT
- HD4 DOUBLE 4" HUB BRANCHES
- VP VANDAL-PROOF TRIM
- 1 POSITIONING FRAME

- 6 SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
- 10 ABS EXTENSION THROUGH 10-1/2" WALL
- 24 FLOOR MOUNTED BACK OUTLET CHINA BOWL
- 30 CAST IRON ADJ. EXTENSION W/ CONNECTOR
- 30-2 CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
- 32 CARRIER FOR WIDE CHASE INSTALLATIONS
- 35 CARRIER FOR WHEELCHAIR HIGH ROUGH

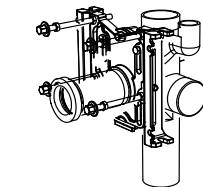
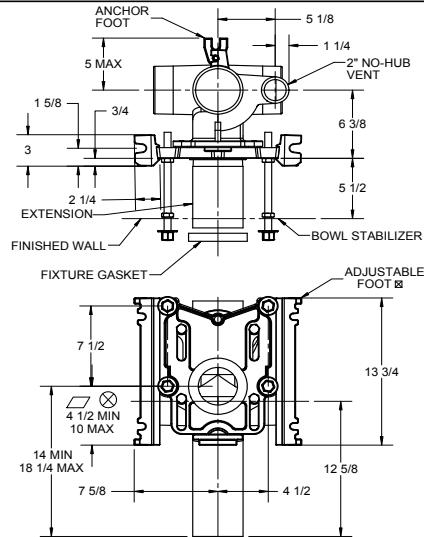
SPECIFICATION:

JOSAM 12714 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH 2" NO-HUB RIGHT-HAND OFF-SET VENT. ADJUSTABLE CARRIER BODY INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET

CLOSET CARRIER VERTICAL W/ RIGHT HAND VENT

SERIES

12714



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

◎ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN FOR BLOWOUT DIMS, USE:

⊖ MIN 11 & MAX 16-1/2"

-XSD	EXTRA SPECIAL-DUTY 1,000 LB CARRIER	-1	POSITIONING FRAME
-PF	PYLON FOOT, STD.	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-OR	O-RING CARRIER	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-SD	SPECIAL-DUTY 500 LB. CARRIER	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-HS	HUB & SPIGOT	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-LH4	LEFT-HAND 4" NO-HUB BRANCH	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-HLH4	LEFT-HAND 4" HUB BRANCH	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-RH4	RIGHT-HAND 4" NO-HUB BRANCH	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-HRH4	RIGHT-HAND 4" HUB BRANCH	-49	NO-HUB AUXILIARY INLET, UNDER VENT
-D4	DOUBLE 4" NO-HUB BRANCHES	-50	NO-HUB AUXILIARY INLET, OPPOSITE VENT
-HD4	DOUBLE 4" HUB BRANCHES	-53	THREADED AUXILIARY INLET, UNDER VENT
-VP	VANDAL-PROOF TRIM	-54	THREADED AUXILIARY INLET, OPPOSITE VENT

DATE OF LAST CHANGE: 4/22/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DRAWING No. 05/10/08

A-14683-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

NOTES:

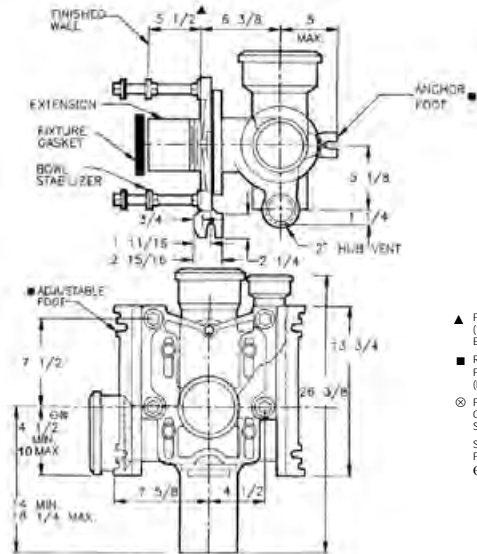
SPECIFICATION:

JOAM 12714-HS-HLH4 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING WITH LEFT-HAND 4" HUB & SPIGOT BRANCH INLET AND 2" HUB & SPIGOT RIGHT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL W/ RIGHT HAND VENT

SERIES 12714-HS-HLH4

FORMERLY 12254A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

- RECOMMEND FEET BE SECURED TO FLOOR WITH ½" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6"
OR BLOWOUT ROUGHING OVER 12-1/2"

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

Θ MIN 11 & MAX 16-1/2"

- | | |
|------|--|
| -PF | PYLON FOOT, STD. |
| -OR | O-RING CARRIER |
| -SD | SPECIAL-DUTY 500 LB. CARRIER |
| -HS | HUB & SPIGOT |
| -RH4 | RIGHT-HAND 4" NO-HUB BRANCH |
| -LH4 | LEFT-HAND 4" HUB BRANCH |
| -VP | VANDAL-PROOF TRIM |
| -1 | POSITIONING FRAME |
| -6 | SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE) |

- | | |
|-------|--|
| -10 | ABS EXTENSION THROUGH 10-1/2" WALL |
| -24 | FLOOR MOUNTED BACK OUTLET CHINA BOWL |
| -30 | CAST IRON ADJ. EXTENSION W/ CONNECTOR |
| -30-2 | CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP |
| -32 | CARRIER FOR WIDE CHASE INSTALLATIONS |
| -35 | CARRIER FOR WHEELCHAIR HIGH ROUGH |
| -49 | NO-HUB AUXILIARY INLET, UNDER VENT |
| -53 | THREADED AUXILIARY INLET, UNDER VENT |

DRAWING No. 05/10/08

A-14682-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

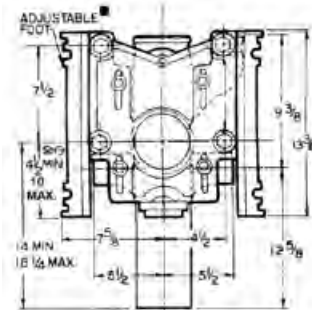
SPECIFICATION:

JOSAM 12714-D4 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB FITTING WITH TWO 4" NO-HUB BRANCH INLETS AND 2" NO-HUB RIGHT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON PJET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL W/ RIGHT HAND VENT

SERIES 12714-D4

FORMERLY 12804 SERIES



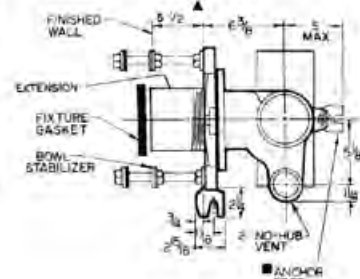
▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

- RECOMMEND FEET BE SECURED TO FLOOR WITH ½" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE

Θ MIN 11 & MAX 16-1/2"



- | | | |
|-------------------------------------|-----|------------------------------|
| <input type="checkbox"/> | -PF | PYLON FOOT, STD. |
| <input type="checkbox"/> | -OR | O-RING CARRIER |
| <input type="checkbox"/> | -SD | SPECIAL-DUTY 500 LB. CARRIER |
| <input type="checkbox"/> | -HS | HUB & SPIGOT |
| <input checked="" type="checkbox"/> | -D4 | DOUBLE 4" NO-HUB BRANCHES |
| <input type="checkbox"/> | -VP | VANDAL-PROOF TRIM |
| <input type="checkbox"/> | -1 | POSITIONING FRAME |

- | | | |
|--|-------|--|
| | -6 | SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE) |
| | -10 | ABS EXTENSION THROUGH 10-1/2" WALL |
| | -24 | FLOOR MOUNTED BACK OUTLET CHINA BOWL |
| | | CAST IRON ADJ. EXTENSION W/ CONNECTOR |
| | -30-2 | CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP |
| | -32 | CARRIER FOR WIDE CHASE INSTALLATIONS |
| | -35 | CARRIER FOR WHELF CHAIR HIGH ROUGH |

DRAWING No. 05/10/08

A-13754-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

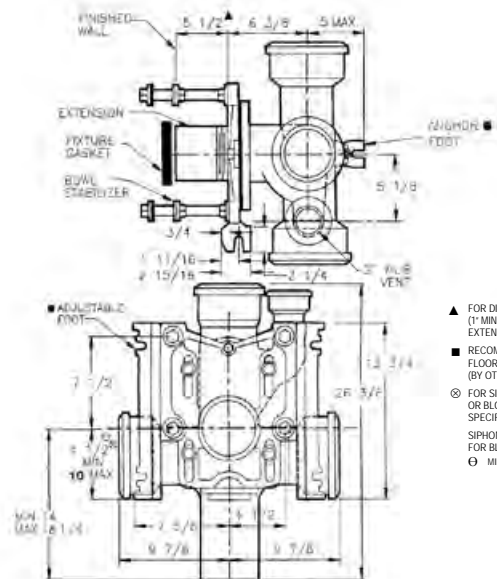
JOSAM 12714-HS-HD4 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB & SPIGOT FITTING DOUBLE 4" HUB & SPIGOT BRANCH INLETS AND 2" HUB & SPIGOT RIGHT-HAND OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER VERTICAL W/ RIGHT HAND VENT

SERIES

12714-HS-HD4

FORMERLY 12294A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

◎ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:
Ø MIN 11 & MAX 16-1/2"

- PF PYLON FOOT, STD.
- OR O-RING CARRIER
- SD SPECIAL-DUTY 500 LB. CARRIER
- HS HUB & SPIGOT
- HD4 DOUBLE 4" HUB BRANCHES
- VP VANDAL-PROOF TRIM
- 1 POSITIONING FRAME

- 6 SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
- 10 ABS EXTENSION THROUGH 10-1/2" WALL
- 24 FLOOR MOUNTED BACK OUTLET CHINA BOWL
- 30 CAST IRON ADJ. EXTENSION W/ CONNECTOR
- 30-2 CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
- 32 CARRIER FOR WIDE CHASE INSTALLATIONS
- 35 CARRIER FOR WHEELCHAIR HIGH ROUGH

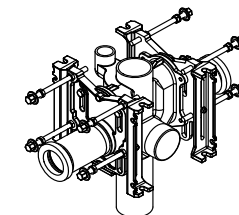
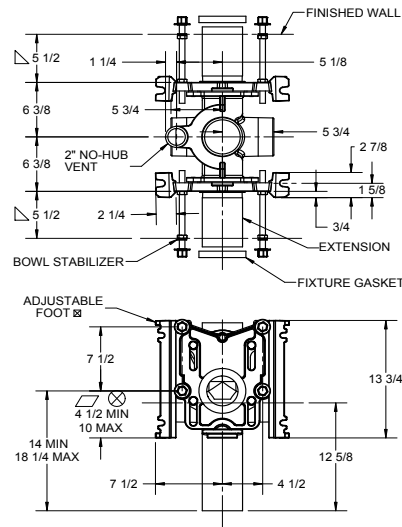
SPECIFICATION:

JOSAM 12724 SERIES COATED CAST IRON DOUBLE VERTICAL 4" NO-HUB ON STACK FITTING WITH 2" NO-HUB OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET

CLOSET CARRIER VERTICAL BACK-TO-BACK

SERIES

12724



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

◎ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

Ø MIN 11 & MAX 16-1/2"

	-1	POSITIONING FRAME
-XSD	-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-PF	-10	ABS EXTENSION THROUGH 10-1/2" WALL
-OR	-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-HS	-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-LH4	-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-HLH4	-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-RH4	-35	CARRIER FOR WHEELCHAIR HIGH ROUGH
-HRH4	-49	NO-HUB AUXILIARY INLET, UNDER VENT
-D4	-50	NO-HUB AUXILIARY INLET, OPPOSITE VENT
-HD4	-53	THREADED AUXILIARY INLET, UNDER VENT
-VP	-54	THREADED AUXILIARY INLET, OPPOSITE VENT

DATE OF LAST CHANGE: 4/22/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DRAWING No. 05/10/08

A-14684-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

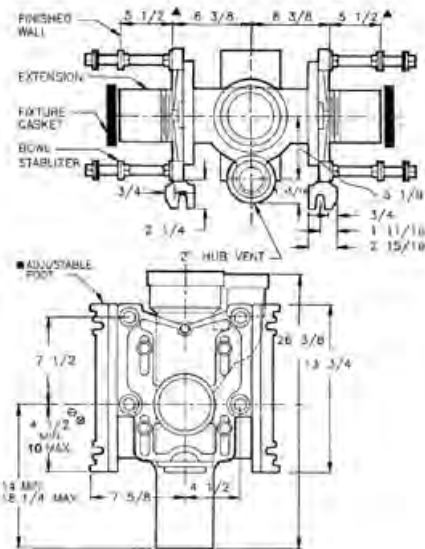
JOSAM 12724-HS SERIES COATED CAST IRON DOUBLE VERTICAL 4" HUB & SPIGOT FITTING WITH 2" HUB & SPIGOT OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER VERTICAL BACK-TO-BACK

SERIES

12724-HS

FORMERLY 12154A SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-12" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊙ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

⊖ MIN 11 & MAX 16-1/2"

PF	PYLON FOOT, STD.
OR	O-RING CARRIER
SD	SPECIAL-DUTY 500 LB. CARRIER
HS	HUB & SPIGOT
OSA	OPPOSITE VENT 4" NO-HUB BRANCH
VS4	VENT SIDE 4" NO-HUB BRANCH
HVS4	VENT SIDE 4" HUB BRANCH
D4	DOUBLE 4" NO-HUB BRANCHES
HD4	DOUBLE 4" HUB BRANCHES

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-35	CARRIER FOR WHEELCHAIR HIGH ROUGH

SPECIFICATION:

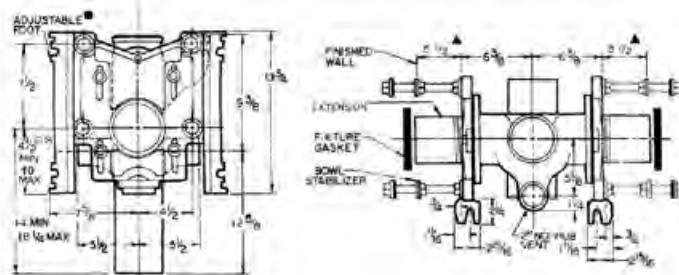
JOSAM 12724-VS4 SERIES COATED CAST IRON DOUBLE VERTICAL 4" NO-HUB ON STACK FITTING WITH UNDER VENT SIDE 4" NO-HUB BRANCH INLET AND 2" NO-HUB OFFSET VENT. ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, ANCHOR FOOT, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER VERTICAL BACK-TO-BACK

SERIES

12724-VS4

FORMERLY 12754 SERIES



▲ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-12" MAX) SPECIFY (-10)

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊙ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN.
FOR BLOWOUT DIMS, USE:

⊖ MIN 11 & MAX 16-1/2"

PF	PYLON FOOT, STD.
OR	O-RING CARRIER
SD	SPECIAL-DUTY 500 LB. CARRIER
HS	HUB & SPIGOT
HOS4	OPPOSITE VENT 4" HUB BRANCH
VS4	VENT SIDE 4" NO-HUB BRANCH
VP	VANDAL-PROOF TRIM

-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	FLOOR MOUNTED BACK OUTLET CHINA BOWL
-30	CAST IRON ADJ. EXTENSION W/ CONNECTOR
-30-2	CAST IRON ADJ. EXTENSION W/ CONNECTOR & TEST CAP
-32	CARRIER FOR WIDE CHASE INSTALLATIONS
-35	CARRIER FOR WHEELCHAIR HIGH ROUGH

DRAWING No. 05/10/08

A-13746-K

NOTES:

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

DRAWING No. 05/10/08

A-14677-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

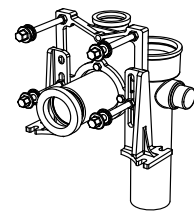
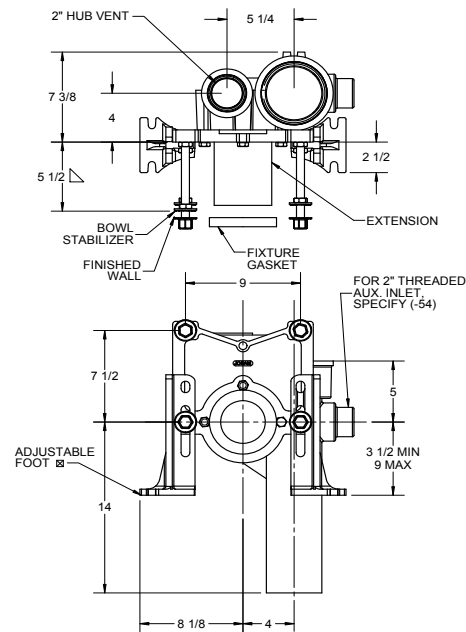
NOTES:-

SPECIFICATION:

JOSAM 14004 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB AND SPIGOT LEFT-HAND OFFSET FITTING WITH 2" HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSERS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
SINGLE, LEFT HAND OFFSET
AND 2" VENT

SERIES

14004

△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊠ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

▢ MIN 11" & MAX 16 1/2"

-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-21	HANGER TYPE CLOSET ADAPTER
-54	THREADED AUXILIARY INLET, OPPOSITE VENT

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

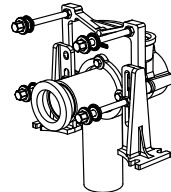
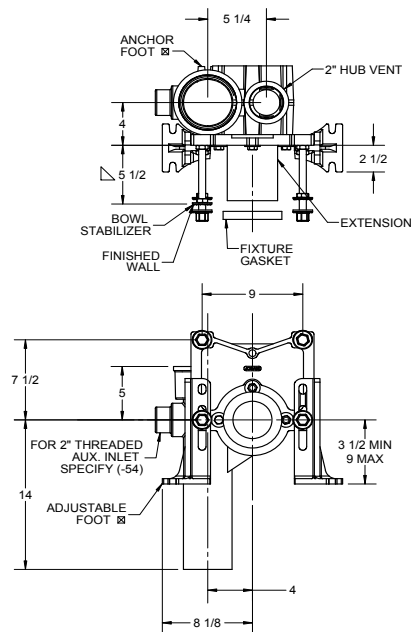
NOTES

SPECIFICATION:

JOSAM 14024 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB AND SPIGOT RIGHT-HAND OFFSET FITTING WITH 2" HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSERS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
SINGLE, RIGHT HAND OFFSET
AND 2" VENT

SERIES

14024

△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊠ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

▢ MIN 11" & MAX 16 1/2"

-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-21	HANGER TYPE CLOSET ADAPTER
-54	THREADED AUXILIARY INLET, OPPOSITE VENT

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/22/15

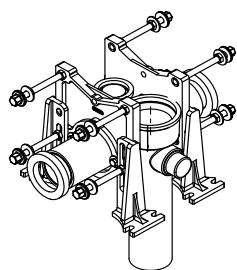
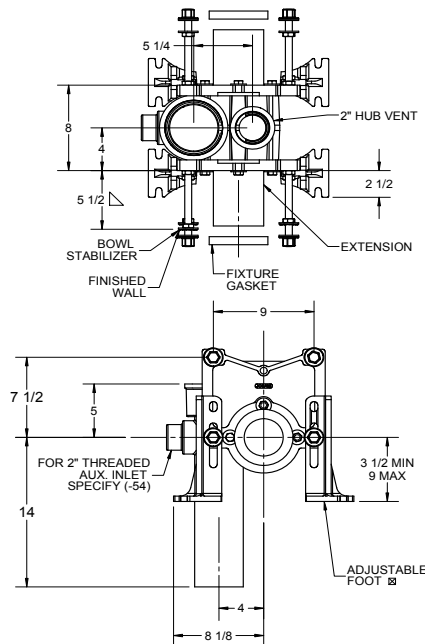
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 14044 SERIES COATED CAST IRON DOUBLE VERTICAL 4" HUB AND SPIGOT OFFSET FITTING WITH 2" HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
DOUBLE OFFSET AND 2" VENTSERIES **14044**

△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 11" & MAX 16 1/2"

-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-21	HANGER TYPE CLOSET ADAPTER
-54	THREADED AUXILIARY INLET, OPPOSITE VENT

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/22/15

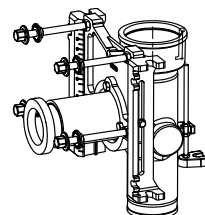
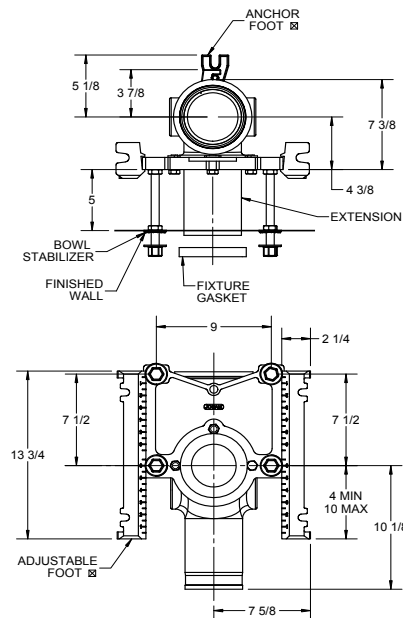
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 14064 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB AND SPIGOT OFFSET FITTING WITH 4" HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL SINGLE CLOSESERIES **14064**

△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

■ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 11" & MAX 16 1/2"

-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-44	THREADED LEFT HAND AUXILIARY INLET
-46	THREADED RIGHT HAND AUXILIARY INLET

-21	HANGER TYPE CLOSET ADAPTER
-54	THREADED AUXILIARY INLET, OPPOSITE VENT
-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

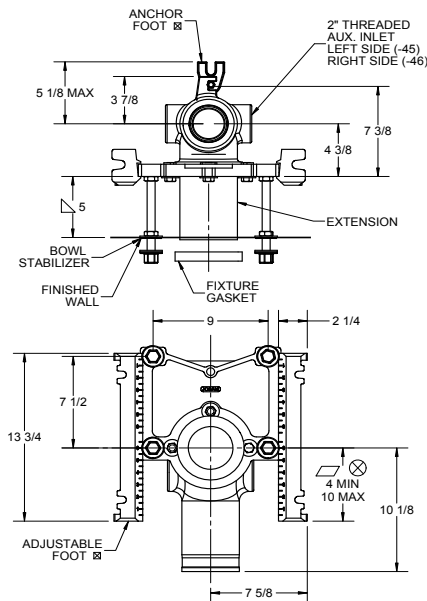
NOTES

SPECIFICATION:

JOSAM 14104 SERIES COATED CAST IRON SINGLE VERTICAL 4" HUB AND SPIGOT FITTING WITH 2" HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
VERTICAL SINGLE CLOSE

SERIES

14104

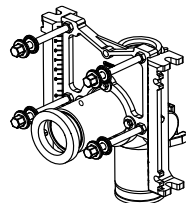
△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

▢ MIN 11" & MAX 16 1/2"



-SD	SPECIAL DUTY 500 LB CARRIER	-21	HANGER TYPE CLOSET ADAPTER
-VP	VANDAL-PROOF TRIM	-54	THREADED AUXILIARY INLET, OPPOSITE VENT
-1	POSITIONING FRAME	-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)	-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-44	THREADED LEFT HAND AUXILIARY INLET	-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-46	THREADED RIGHT HAND AUXILIARY INLET	-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
		-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

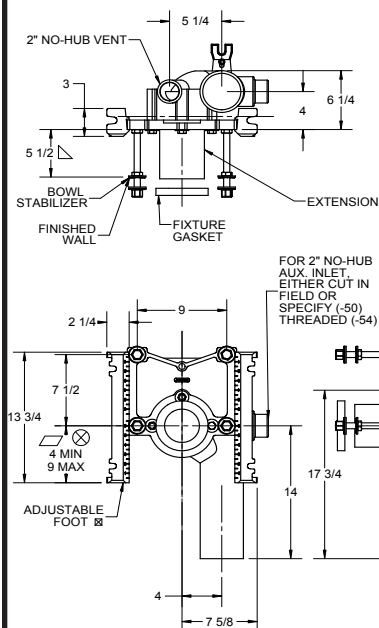
NOTES

SPECIFICATION:

JOSAM 14404 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB LEFT-HAND OFFSET FITTING WITH 2" NO-HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
SINGLE, LEFT HAND OFFSET
AND 2" VENT

SERIES

14404

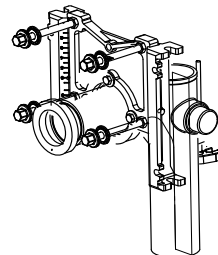
△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

▢ MIN 11" & MAX 16 1/2"



-SD	SPECIAL DUTY 500 LB CARRIER	-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-VP	VANDAL-PROOF TRIM	-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-1	POSITIONING FRAME	-50	NO-HUB HIGH AUXILIARY INLET, OPPOSITE VENT
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)	-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT
-21	HANGER TYPE CLOSET ADAPTER	-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER
-54	THREADED AUXILIARY INLET, OPPOSITE VENT		

DATE OF LAST CHANGE: 04/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

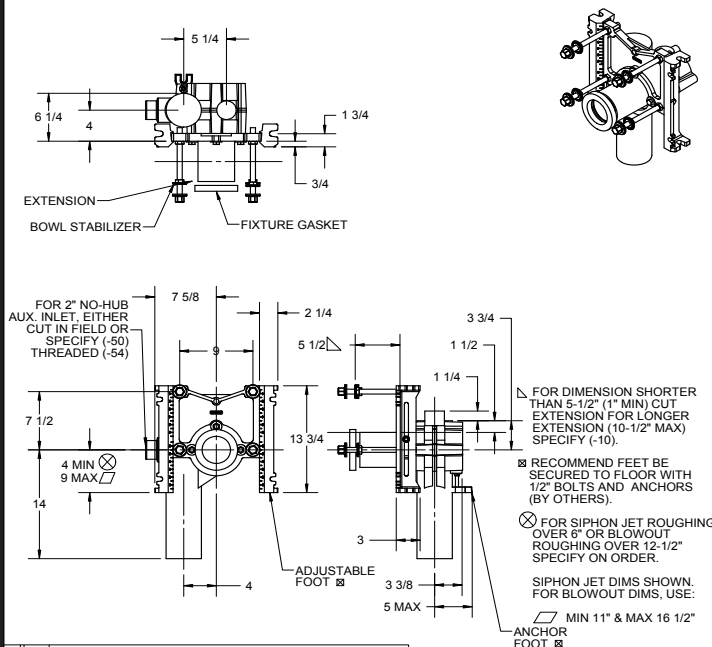
SPECIFICATION:

JOSAM 14424 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB RIGHT-HAND OFFSET FITTING WITH 2" NO-HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER

SINGLE, RIGHT HAND OFFSET AND 2" VENT

SERIES **14424**



-SD	SPECIAL DUTY 500 LB CARRIER	-30	CAST IRON ADJ EXT W/ CONNECTOR
-VP	VANDAL-PROOF TRIM	-30-2	CAST IRON ADJ. EXT. W/ CONN & TEST CAP
-1	POSITIONING FRAME	-50	NO-HUB HIGH AUX. INLET, OPPOSITE VENT
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)	-54	THREADED HIGH AUX. INLET, OPPOSITE VENT
-10	ABS EXTENSION THROUGH 10-1/2" WALL		
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS		

DATE OF LAST CHANGE: 4/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

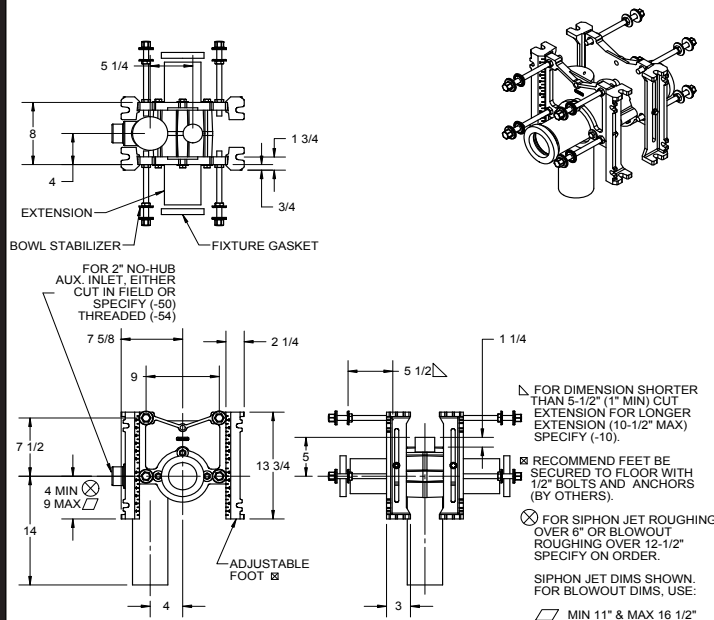
SPECIFICATION:

JOSAM 14444 SERIES COATED CAST IRON 4" NO-HUB BACK-TO-BACK VERTICAL OFFSET FITTING WITH 2" NO-HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER

BACK-TO-BACK, VERTICAL 4" NO-HUB AND 2" VENT

SERIES **14444**



-SD	SPECIAL DUTY 500 LB CARRIER	-30	CAST IRON ADJ EXT W/ CONNECTOR
-VP	VANDAL-PROOF TRIM	-30-2	CAST IRON ADJ. EXT. W/ CONN & TEST CAP
-1	POSITIONING FRAME	-50	NO-HUB HIGH AUX. INLET, OPPOSITE VENT
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)	-54	THREADED HIGH AUX. INLET, OPPOSITE VENT
-10	ABS EXTENSION THROUGH 10-1/2" WALL	-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS		

DATE OF LAST CHANGE: 4/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

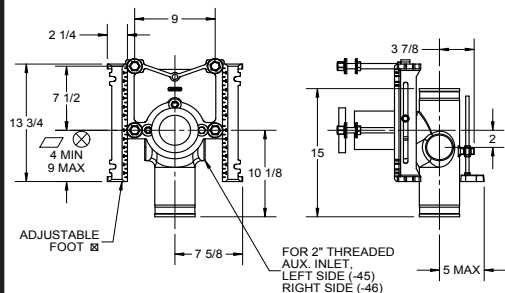
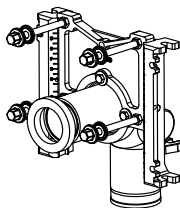
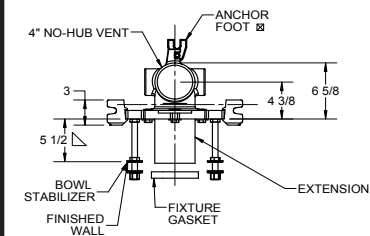
SPECIFICATION:

JOSAM 14464 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB SINGLE FITTING WITH 4" NO-HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSURES, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
SINGLE CLOSE WITH 4" VENT

SERIES

14464



△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 11" & MAX 16 1/2"

-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-45	THREADED LEFT-HAND AUXILIARY INLET
-46	THREADED RIGHT-HAND AUXILIARY INLET
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 04/22/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

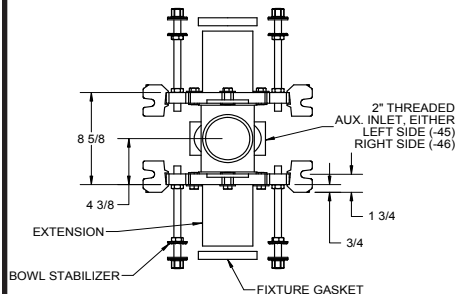
SPECIFICATION:

JOSAM 14484 SERIES COATED CAST IRON DOUBLE VERTICAL 4" NO-HUB BACK-TO-BACK VERTICAL FITTING WITH 4" NO-HUB VENT, ADJUSTABLE CARRIER BODY, FOR SIPHON JET ONLY, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
DOUBLE CLOSE
WITH 4" VENT

SERIES

14484



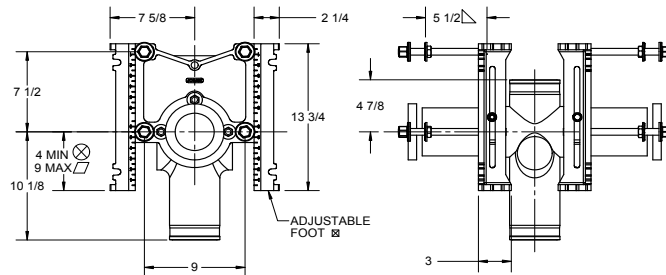
△ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

⊗ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

□ MIN 11" & MAX 16 1/2"



-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONN & TEST CAP
-45	THREADED LEFT-HAND AUXILIARY VENT
-46	THREADED RIGHT-HAND AUXILIARY VENT
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/23/15

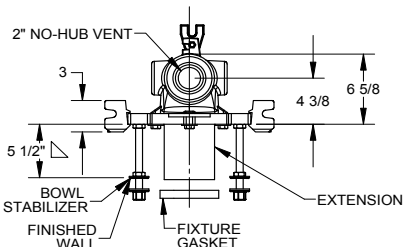
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 14504 SERIES COATED CAST IRON SINGLE VERTICAL 4" NO-HUB SINGLE FITTING WITH 2" NO-HUB VENT, ADJUSTABLE CARRIER BODY, INVERTIBLE FOR SIPHON JET OR BLOWOUT CLOSETS, WITH ABS EXTENSION WITH INTEGRAL TEST CAP, PYLON FEET, PLATED HARDWARE AND NEOPRENE FIXTURE GASKET.

CLOSET CARRIER
SINGLE CLOSE WITH 2" VENTSERIES **14504**

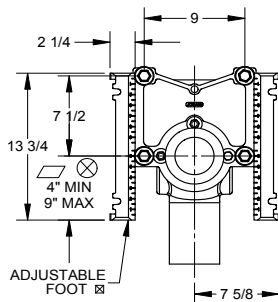
Δ FOR DIMENSION SHORTER THAN 5-1/2" (1" MIN) CUT EXTENSION FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

☒ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

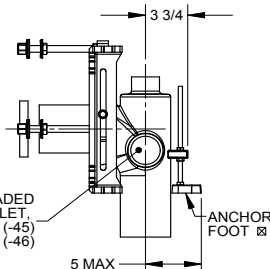
⊗ FOR SIPHON JET ROUGHING OVER 6" OR BLOWOUT ROUGHING OVER 12-1/2" SPECIFY ON ORDER.

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

△ MIN 11" & MAX 16 1/2"



FOR 2" THREADED AUX. INLET, LEFT SIDE (-45) RIGHT SIDE (-46)



-SD	SPECIAL DUTY 500 LB CARRIER
-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS

-30	CAST IRON ADJ. EXT. W/ CONNECTOR
-30-2	CAST IRON ADJ. EXT. W/ CONNECTOR & TEST CAP
-45	THREADED LEFT-HAND AUXILIARY INLET
-46	THREADED RIGHT-HAND AUXILIARY INLET
-XSD	EXTRA SPECIAL DUTY 1,000 LB CARRIER

DATE OF LAST CHANGE: 4/23/15

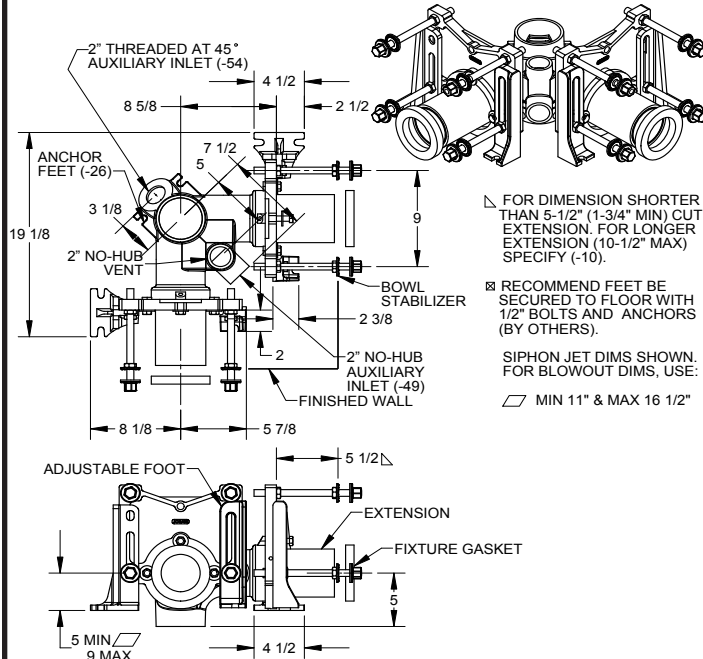
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 15964 SERIES COATED CAST IRON VERTICAL 4" NO-HUB DOUBLE WASTE 90° STACK FITTING WITH 4" BRANCHES, 2" NO-HUB VENT, WITH CLOSE CARRIERS INVERTIBLE FOR SIPHON JET OR BLOW-OUT CLOSETS, ABS EXTENSIONS WITH INTEGRAL TEST CAPS, BUTTRESS FEET, PLATED HARDWARE AND FIXTURE GASKET.

CLOSET CARRIER
90° INSTITUTIONAL FITTINGSERIES **15964**

Δ FOR DIMENSION SHORTER THAN 5-1/2" (1-3/4" MIN) CUT EXTENSION. FOR LONGER EXTENSION (10-1/2" MAX) SPECIFY (-10).

☒ RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

SIPHON JET DIMS SHOWN. FOR BLOWOUT DIMS, USE:

△ MIN 11" & MAX 16 1/2"

-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-10	ABS EXTENSION THROUGH 10-1/2" WALL
-24	CARRIER FOR FLOOR MOUNTED BACK OUTLET CHINA BOWLS

-26	FITTING ANCHOR FOOT
-30	CAST IRON ADJUSTABLE EXT W/ CONN
-30-2	CAST IRON ADJ. EXT. W/ CONN & TEST CAP
-49	NO-HUB HIGH AUXILIARY INLET, UNDER VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

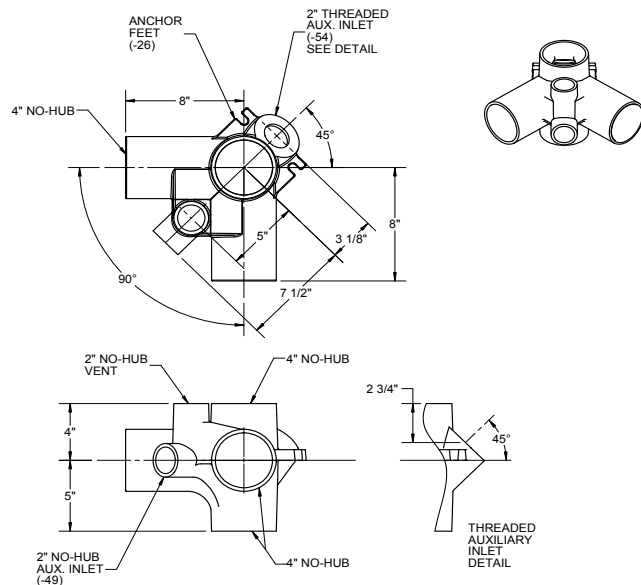
SPECIFICATION:

JOSAM 15984 SERIES COATED CAST IRON VERTICAL 4" NO-HUB DOUBLE WASTE 90° STACK FITTING WITH 4" NO-HUB BRANCHES AND 2" NO-HUB VENT.

CLOSET CARRIER

90° INSTITUTIONAL FITTING NO-HUB

SERIES **15984**

**OPTIONS:**

-26	FITTING ANCHOR FEET
-49	NO-HUB HIGH AUXILIARY INLET, UNDER VENT
-54	THREADED HIGH AUXILIARY INLET, OPPOSITE VENT

DATE OF LAST CHANGE: 5/21/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

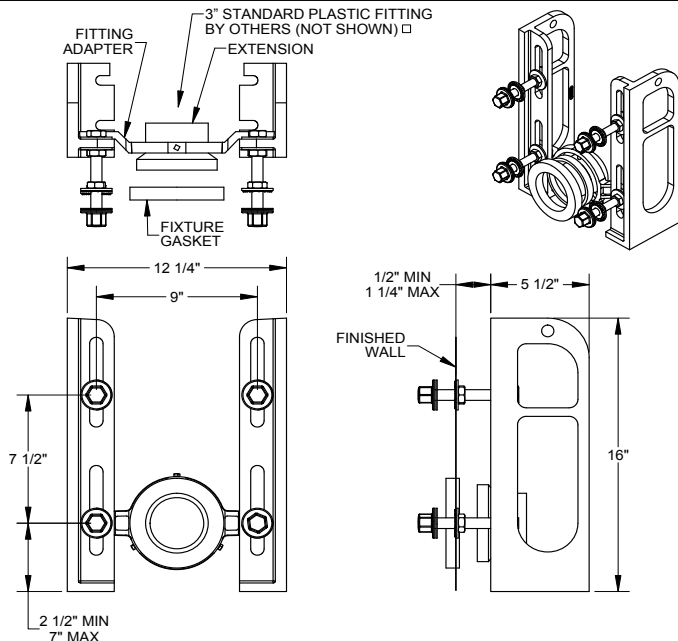
SPECIFICATION:

JOSAM 16123 SERIES COATED CAST IRON SINGLE COMMERCIAL CLOSET CARRIER AND 3" PVC PLASTIC FITTING ADAPTER WITH EXTENSION AND CHROME PLATED TRIM.

CLOSET CARRIER

FLOOR MOUNT, PVC ADAPTER TYPE

SERIES **16123**



-VP	VANDAL-PROOF TRIM
-1	POSITIONING FRAME
-6	SUPPLY PIPE SUPPORT (SPECIFY TYPE OF PIPE)
-13	ABS EXTENSION
-21	HANGER TYPE CLOSET ADAPTER

□ THIS CARRIER CAN ALSO BE USED WITH A 4X4X3 TEE.

JOSAM RECOMMENDS FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS (BY OTHERS).

DATE OF LAST CHANGE: 4/23/15

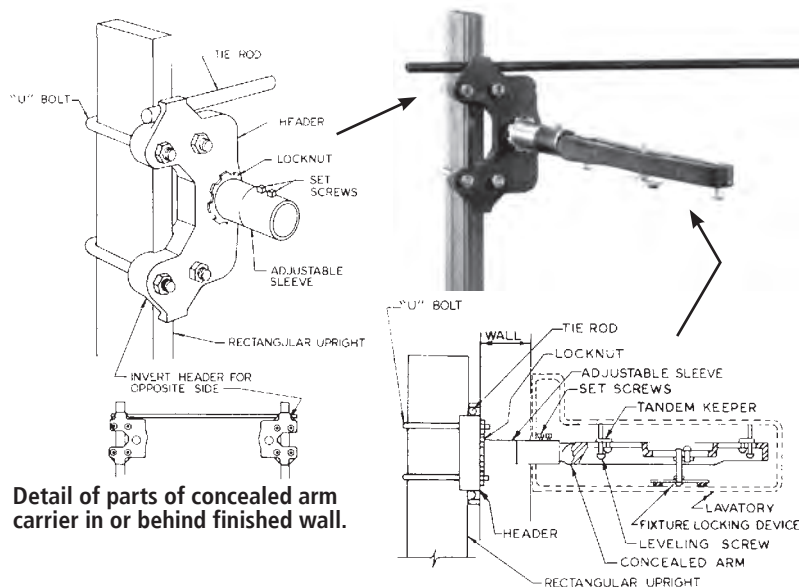
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

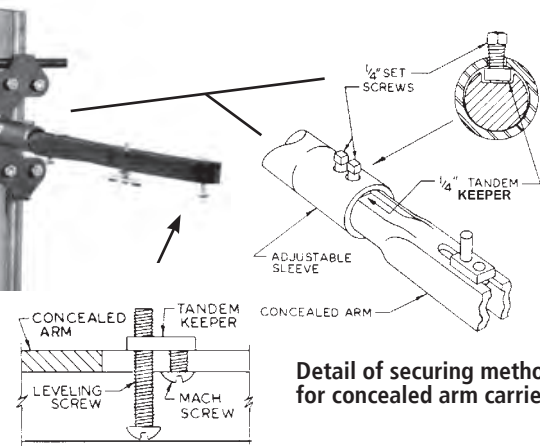
CONCEALED TYPE LAVATORY CARRIER

1. Tandem keepers in slots on the arm permit positioning of leveling screws on the job to suit punchings of any lavatory specified.
2. Screws in keepers can then easily be moved up or down to level the lavatory.
3. The securing lock device is positioned on the arm and tightens against the fixture to hold it rigidly in place.
4. The sleeve can be adjusted to suit various wall thicknesses.
5. The final setting of the arm out from the wall can be made from the face of the finished wall after the wall is built.
6. The set screws are easily accessible for quicker adjustment.
7. Arm with the locking device, tandem keepers, and adjustable sleeve, is completely assembled at the factory.
8. Hardware is plated to prevent corrosion.



Detail of parts of concealed arm carrier in or behind finished wall.

Detail of parts of concealed arm carrier.



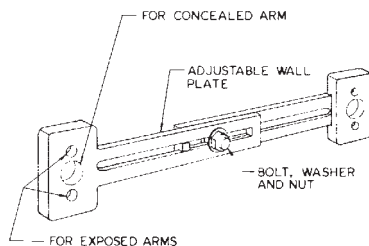
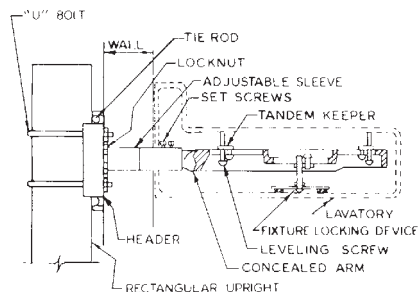
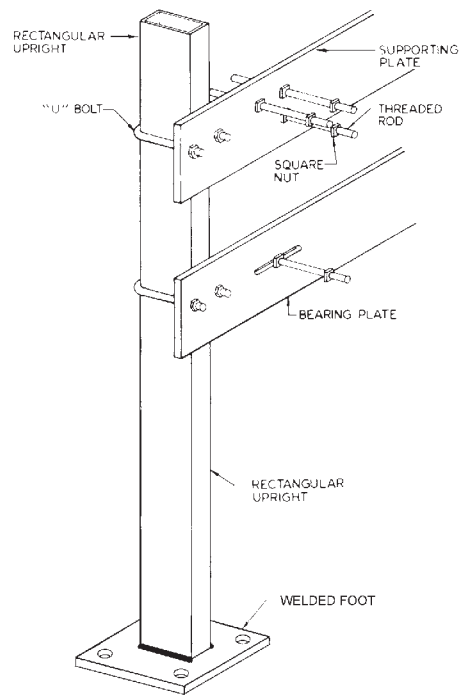
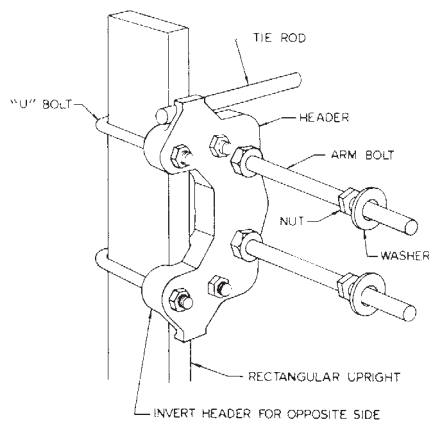
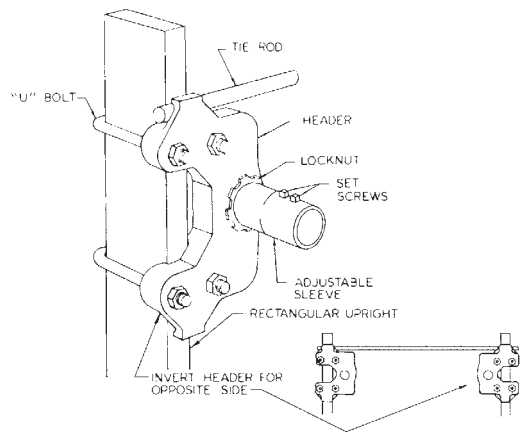
Detail of securing method for concealed arm carrier.

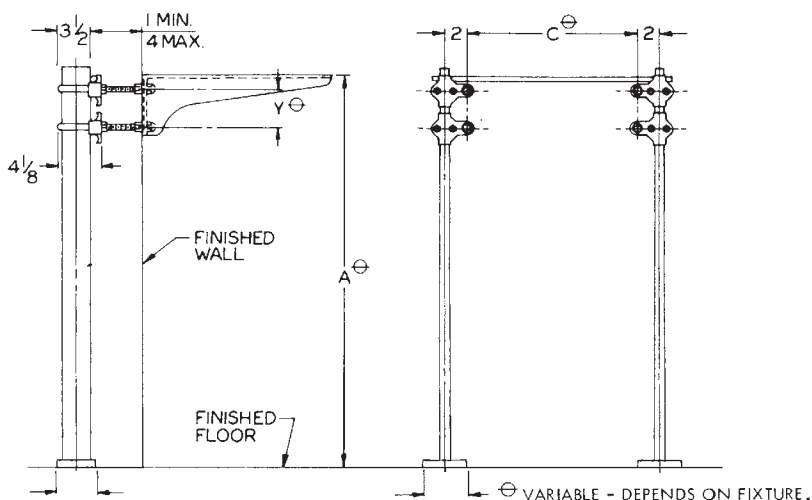
Detail of leveling arrangement for concealed arm carrier.

For roughing dimensions for specific fixtures, please refer to the Josam website, www.josam.com.

Parts & Details Lavatory, Sink & Urinal Carriers

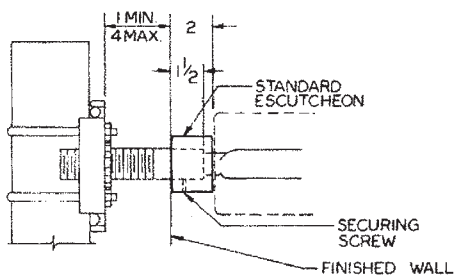
The drawings on this page show the relationship between mating parts of carriers covered in this section.



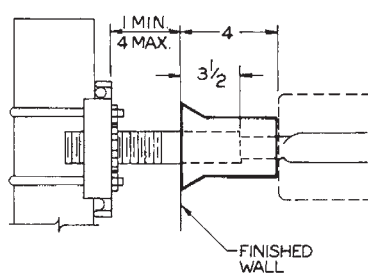


(-66) OPTION, SPLIT HEADER FOR STAINLESS STEEL ARMS

In many cases arms are supplied by the manufacturers of stainless steel fixtures. The mounting hole spacing in the back of the arm (Y Dim.) varies widely by sink and manufacturer. The -66 split header is adjustable to allow for the mounting of this type of sink and arm combination.



(-75) OPTION, 2" ESCUTCHEONS



(-76) OPTION, 4" ESCUTCHEONS

Escutcheons provide manufacturers' specified distance from wall to back of a slab type lavatory to prevent water from deteriorating finished wall when concealed arms are used. Furnished in polished chrome.

(-77) OPTION, 6" ESCUTCHEONS also available.

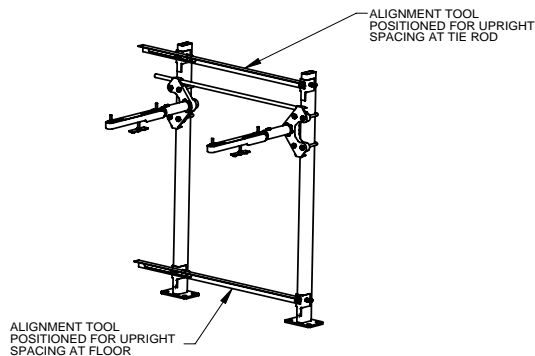
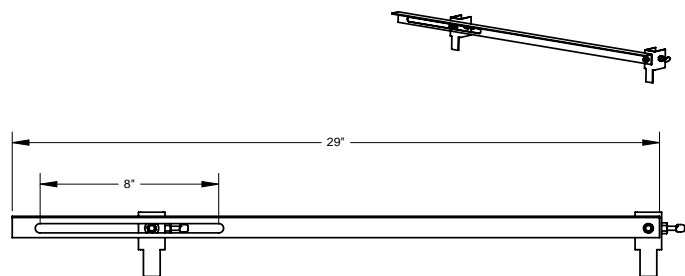
SPECIFICATION:

JOSAM 17000 SERIES RE-USABLE ALIGNMENT TOOL FOR FLOOR MOUNTED FIXTURE CARRIERS WITH UPRIGHTS.

FIXTURE CARRIER

REUSABLE ALIGNMENT TOOL

SERIES **17000**



EXAMPLE VIEW
*CARRIER NOT INCLUDED

DATE OF LAST CHANGE: 04/21/08

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

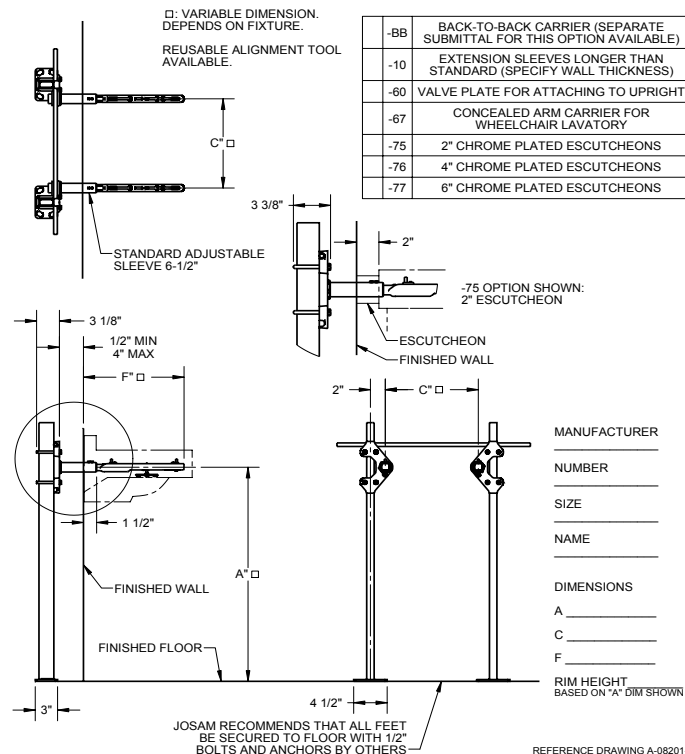
SPECIFICATION:

JOSAM 17100 SERIES FLOOR-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, AND WELDED FEET.

LAVATORY CARRIER

FLOOR-MOUNT CONCEALED ARM

SERIES **17100**



-BB	BACK-TO-BACK CARRIER (SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE)
-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)
-60	VALVE PLATE FOR ATTACHING TO UPRIGHT
-67	CONCEALED ARM CARRIER FOR WHEELCHAIR LAVATORY
-75	2" CHROME PLATED ESCUTCHEONS
-76	4" CHROME PLATED ESCUTCHEONS
-77	6" CHROME PLATED ESCUTCHEONS

-75 OPTION SHOWN:
2" ESCUTCHEON

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

A

C

F

RIM HEIGHT
BASED ON "A" DIM SHOWN

REFERENCE DRAWING A-08201-K

DATE OF LAST CHANGE: 06/18/08

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION: JOSAM 17100-BB SERIES FLOOR-MOUNTED, BACK-TO-BACK LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS AND WELDED FEET.	LAVATORY CARRIER FLOOR-MOUNT CONCEALED ARM SERIES 17100-BB																					
	MANUFACTURER _____ NUMBER _____ SIZE _____ NAME _____ DIMENSIONS _____ A _____ C _____ F _____ RIM HEIGHT _____ BASED ON "A" DIM SHOWN																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">X</td> <td style="width: 10%;">-BB</td> <td>BACK TO BACK CARRIER</td> </tr> <tr> <td>-10</td> <td></td> <td>EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)</td> </tr> <tr> <td>-60</td> <td></td> <td>VALVE PLATE FOR ATTACHING TO UPRIGHT</td> </tr> <tr> <td>-67</td> <td></td> <td>CONCEALED ARM CARRIER FOR WHEEL CHAIR LAVATORY</td> </tr> <tr> <td>-75</td> <td></td> <td>2" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td>-76</td> <td></td> <td>4" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td>-77</td> <td></td> <td>6" CHROME PLATED ESCUTCHEONS</td> </tr> </table> <p>□: VARIABLE DIMENSION. DEPENDS ON FIXTURE. REUSABLE ALIGNMENT TOOL AVAILABLE.</p> <p>STANDARD ADJUSTABLE SLEEVE 6-1/2"</p> <p>REFERENCE DRAWING A-08202-K</p>	X	-BB	BACK TO BACK CARRIER	-10		EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)	-60		VALVE PLATE FOR ATTACHING TO UPRIGHT	-67		CONCEALED ARM CARRIER FOR WHEEL CHAIR LAVATORY	-75		2" CHROME PLATED ESCUTCHEONS	-76		4" CHROME PLATED ESCUTCHEONS	-77		6" CHROME PLATED ESCUTCHEONS	DATE OF LAST CHANGE: 06/18/08 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.
X	-BB	BACK TO BACK CARRIER																				
-10		EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)																				
-60		VALVE PLATE FOR ATTACHING TO UPRIGHT																				
-67		CONCEALED ARM CARRIER FOR WHEEL CHAIR LAVATORY																				
-75		2" CHROME PLATED ESCUTCHEONS																				
-76		4" CHROME PLATED ESCUTCHEONS																				
-77		6" CHROME PLATED ESCUTCHEONS																				
JOSAM COMPANY MICHIGAN CITY, INDIANA																						

SPECIFICATION: JOSAM 17120 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, AND ADJUSTABLE WALL PLATE.	LAVATORY CARRIER WALL-MOUNT CONCEALED ARM SERIES 17120												
	MANUFACTURER _____ NUMBER _____ SIZE _____ NAME _____ DIMENSIONS _____ A _____ C _____ F _____ RIM HEIGHT _____ BASED ON "A" DIM SHOWN												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">-BP*</td> <td>WITH BACK PLATES</td> </tr> <tr> <td>-MMB*</td> <td>WITH MOVABLE MOUNTING BRACKETS</td> </tr> <tr> <td>-10*</td> <td>EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)</td> </tr> <tr> <td>-75</td> <td>2" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td>-76</td> <td>4" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td>-77</td> <td>6" CHROME PLATED ESCUTCHEONS</td> </tr> </table> <p>* SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE</p> <p>-75 OPTION CHROME PLATED ESCUTCHEON</p>	-BP*	WITH BACK PLATES	-MMB*	WITH MOVABLE MOUNTING BRACKETS	-10*	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)	-75	2" CHROME PLATED ESCUTCHEONS	-76	4" CHROME PLATED ESCUTCHEONS	-77	6" CHROME PLATED ESCUTCHEONS	DATE OF LAST CHANGE: 02/21/14 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.
-BP*	WITH BACK PLATES												
-MMB*	WITH MOVABLE MOUNTING BRACKETS												
-10*	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)												
-75	2" CHROME PLATED ESCUTCHEONS												
-76	4" CHROME PLATED ESCUTCHEONS												
-77	6" CHROME PLATED ESCUTCHEONS												
JOSAM COMPANY MICHIGAN CITY, INDIANA													

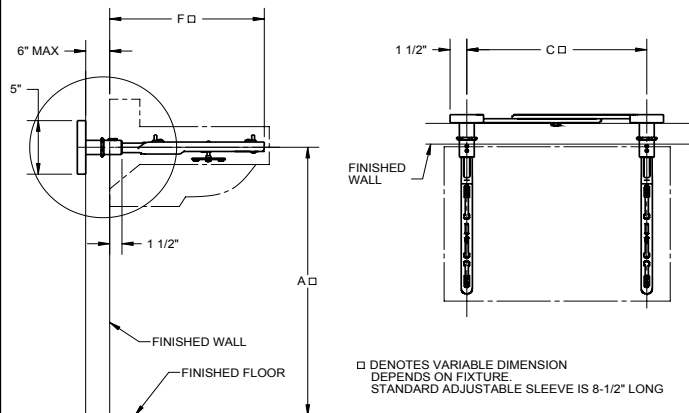
SPECIFICATION:

JOSAM 17120-10 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, AND ADJUSTABLE WALL PLATE.

LAVATORY CARRIER

WALL-MOUNT
CONCEALED ARM

SERIES **17120-10**



□ DENOTES VARIABLE DIMENSION
DEPENDS ON FIXTURE.
STANDARD ADJUSTABLE SLEEVE IS 8-1/2\"

MANUFACTURER _____

NUMBER _____

SIZE _____

NAME _____

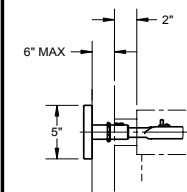
DIMENSIONS

A _____

C _____

F _____

RIM HEIGHT
BASED ON DIM. "A" SHOWN



-75 OPTION
CHROME PLATED
ESCUTCHEON

	-BP	WITH BACK PLATES
X	-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)
	-75	2\"
	-76	4\"
	-77	6\"

DATE OF LAST CHANGE: 06/18/08

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

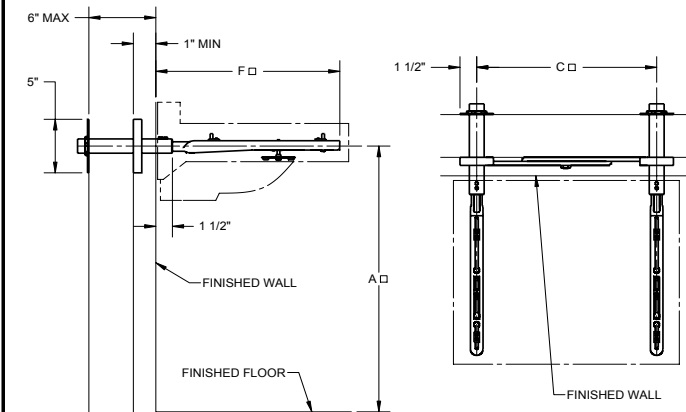
SPECIFICATION:

JOSAM 17120-BP SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, ADJUSTABLE WALL PLATE AND BACK PLATE.

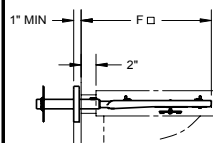
LAVATORY CARRIER

WALL-MOUNT
CONCEALED ARM

SERIES **17120-BP**



□ DENOTES VARIABLE DIMENSION
DEPENDS ON FIXTURE.
STANDARD ADJUSTABLE SLEEVE 8-1/2\"



-75 OPTION
CHROME PLATED
ESCUTCHEON

X	-BP	WITH BACK PLATES
X	-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)
	-75	2\"
	-76	4\"
	-77	6\"

MANUFACTURER _____

NUMBER _____

SIZE _____

NAME _____

DIMENSIONS

A _____

C _____

F _____

RIM HEIGHT
BASED ON "A" DIM. SHOWN

DATE OF LAST CHANGE: 06/18/08

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION: JOSAM 17120-MMB SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, AND MOVABLE MOUNTING BRACKETS FOR SECURING TO WALL PLATE BY OTHERS.	LAVATORY CARRIER WALL-MOUNT CONCEALED ARM SERIES 17120-MMB															
	<div style="text-align: center;"> </div> <div style="margin-top: 20px;"> <p>MANUFACTURER _____</p> <p>NUMBER _____</p> <p>SIZE _____</p> <p>NAME _____</p> <p>DIMENSIONS</p> <p>A _____</p> <p>C _____</p> <p>F _____</p> <p>RIM HEIGHT _____</p> <p>BASED ON "A" DIM. SHOWN</p> </div>															
<p>-75 OPTION CHROME PLATED ESCUTCHEON</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">X</th> <th style="width: 10%;">-MMB</th> <th style="width: 80%;">WITH MOVABLE MOUNTING BRACKETS</th> </tr> </thead> <tbody> <tr> <td></td> <td>-10</td> <td>EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)</td> </tr> <tr> <td></td> <td>-75</td> <td>2" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td></td> <td>-76</td> <td>4" CHROME PLATED ESCUTCHEONS</td> </tr> <tr> <td></td> <td>-77</td> <td>6" CHROME PLATED ESCUTCHEONS</td> </tr> </tbody> </table>	X	-MMB	WITH MOVABLE MOUNTING BRACKETS		-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)		-75	2" CHROME PLATED ESCUTCHEONS		-76	4" CHROME PLATED ESCUTCHEONS		-77	6" CHROME PLATED ESCUTCHEONS	<p>□ DENOTES VARIABLE DIMENSION DEPENDS ON FIXTURE STANDARD ADJUSTABLE SLEEVE IS 6 1/2"</p>
X	-MMB	WITH MOVABLE MOUNTING BRACKETS														
	-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)														
	-75	2" CHROME PLATED ESCUTCHEONS														
	-76	4" CHROME PLATED ESCUTCHEONS														
	-77	6" CHROME PLATED ESCUTCHEONS														
<p>DATE OF LAST CHANGE: 06/18/08</p>	<p>NOTES</p>															
<p>JOSAM COMPANY MICHIGAN CITY, INDIANA</p>	<p>JOSAM COMPANY MICHIGAN CITY, INDIANA</p>															

SPECIFICATION: JOSAM 17120 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, AND ADJUSTABLE WALL PLATE	LAVATORY CARRIER WALL-MOUNT CONCEALED ARM SERIES 17120-203-H
	<div style="text-align: center;"> </div>
<p>DATE OF LAST CHANGE: 06/03/08</p>	<p>NOTES</p>
<p>JOSAM COMPANY MICHIGAN CITY, INDIANA</p>	<p>JOSAM COMPANY MICHIGAN CITY, INDIANA</p>

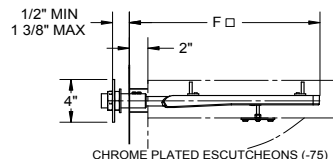
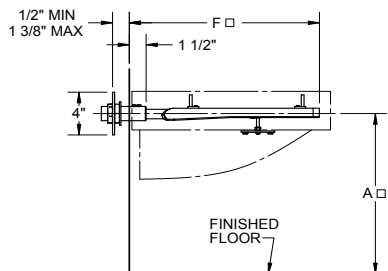
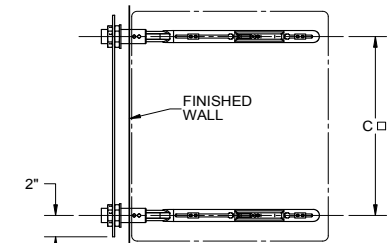
SPECIFICATION:

JOSAM 17125 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING & SECURING SCREWS AND STEEL PLATE FOR ATTACHING TO STUDS.

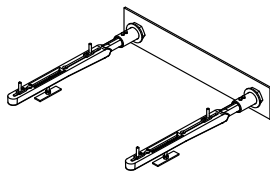
LAVATORY CARRIER

WALL-MOUNT CONCEALED ARM

SERIES **17125**



-10	EXTENSION SLEEVES LONGER THAN STANDARD (SPECIFY WALL THICKNESS)
-75	2" CHROME PLATED ESCUTCHEONS



□: VARIABLE DIMENSION.
DEPENDS ON FIXTURE.
STANDARD ADJUSTABLE
SLEEVE IS 4".

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

A _____

C _____

F _____

RIM HEIGHT
BASED ON "A" DIM SHOWN

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY

MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

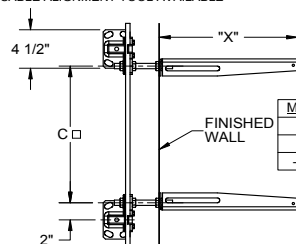
JOSAM 17380 SERIES FLOOR-MOUNTED, SINGLE LAVATORY CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

LAVATORY CARRIER

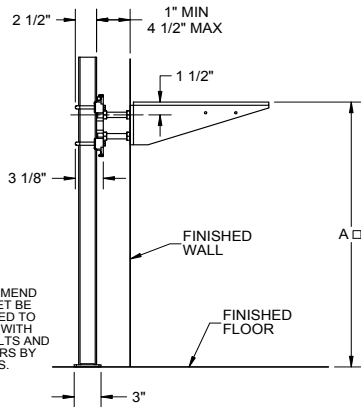
FLOOR-MOUNT EXPOSED ARM

SERIES **17380**

REUSABLE ALIGNMENT TOOL AVAILABLE



MODEL	"X"
-201	12 1/2"
-203	15 1/2"
-507P	12 1/2"



RECOMMEND
ALL FEET BE
SECURED TO
FLOOR WITH
1/2" BOLTS AND
ANCHORS BY
OTHERS.

-BB	BACK-TO-BACK CARRIER	-10	STUDS FOR WALLS OVER 4-1/2" (SPEC. WALL THICKNESS)
-HD	HEAVY-DUTY	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT
-VP	VANDAL-PROOF TRIM	-66	SPLIT HEADER FOR STAINLESS STEEL ARMS

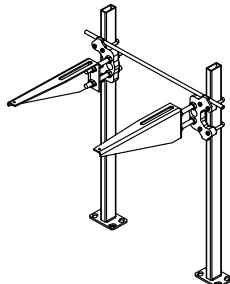
DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY

MICHIGAN CITY, INDIANA

NOTES



□: VARIABLE DIMENSION.
DEPENDS ON FIXTURE.
STANDARD ADJUSTABLE
SLEEVE IS 4".

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

A _____

C _____

RIM HEIGHT
BASED ON "A" DIM SHOWN

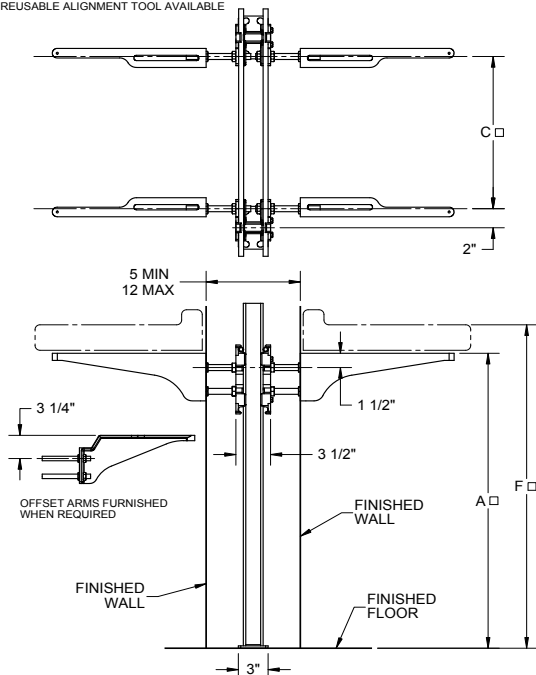
SPECIFICATION:

JOSAM 17380-BB SERIES FLOOR-MOUNTED, BACK-TO-BACK LAVATORY CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

**LAVATORY CARRIER
FLOOR-MOUNT EXPOSED ARM**

SERIES **17380-BB**

REUSABLE ALIGNMENT TOOL AVAILABLE



MANUFACTURER

NUMBER

SIZE

NAME

A

C

F

RIM HEIGHT \square BASED ON 'A' DIM SHOWN

\square VARIABLE - DEPENDS ON FIXTURE

RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2\"

X	-BB	BACK-TO-BACK CARRIER
	-VP	VANDAL-PROOF TRIM
	-10	STUDS FOR WALLS OVER 12\"
	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

DATE OF LAST CHANGE: 7/16/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

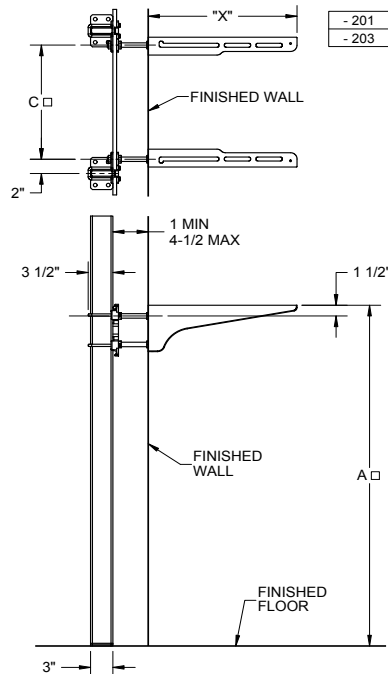
SPECIFICATION:

JOSAM 17380-HD SERIES FLOOR-MOUNTED, SINGLE HEAVY-DUTY SINK CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

**SINK CARRIER
FLOOR-MOUNT EXPOSED ARM**

SERIES **17380-HD**

REUSABLE ALIGNMENT TOOL AVAILABLE



- 201	X = 16\"
- 203	X = 20\"

MANUFACTURER

NUMBER

SIZE

NAME

A

C

RIM HEIGHT \square BASED ON 'A' DIM SHOWN

\square VARIABLE - DEPENDS ON FIXTURE

RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2\"

X	-HD	HEAVY-DUTY	-10	STUDS FOR WALLS OVER 4-1/2\"
	-BB	BACK-TO-BACK CARRIER	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT
	-VP	VANDAL-PROOF TRIM	-66	SPLIT HEADER FOR STAINLESS STEEL ARMS

DATE OF LAST CHANGE: 09/15/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

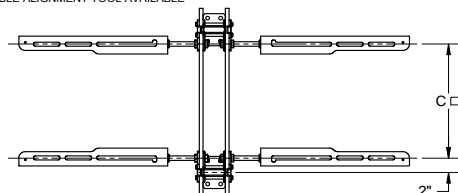
SPECIFICATION:

JOSAM 17380-BB-HD SERIES FLOOR-MOUNTED, BACK-TO-BACK HEAVY-DUTY SINK CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

SINK CARRIER FLOOR-MOUNT EXPOSED ARM

SERIES **17380-BB-HD**

REUSABLE ALIGNMENT TOOL AVAILABLE



MANUFACTURER

NUMBER

SIZE

NAME

A _____

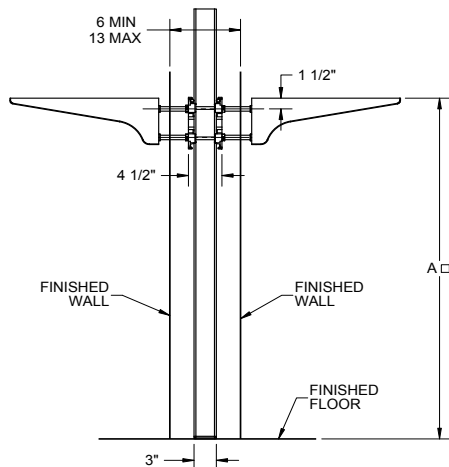
C _____

F _____

RIM HEIGHT "F" BASED ON "A" DIM SHOWN

□ VARIABLE -
DEPENDS ON
FIXTURE

RECOMMEND ALL FEET
BE SECURED TO FLOOR
WITH 1/2" BOLTS AND
ANCHORS BY OTHERS.



<input checked="" type="checkbox"/> -BB	BACK-TO-BACK CARRIER
<input checked="" type="checkbox"/> -HD	HEAVY-DUTY
<input type="checkbox"/> -VP	VANDAL-PROOF TRIM

<input type="checkbox"/> -10	STUDS FOR WALLS OVER 13" (SPECIFY WALL THICKNESS)
<input type="checkbox"/> -60	VALVE PLATE FOR ATTACHING TO UPRIGHT
<input type="checkbox"/> -66	SPLIT HEADER FOR STAINLESS STEEL ARMS

DATE OF LAST CHANGE: 8/17/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

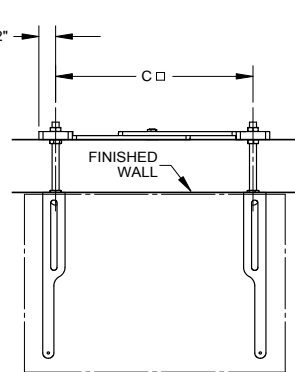
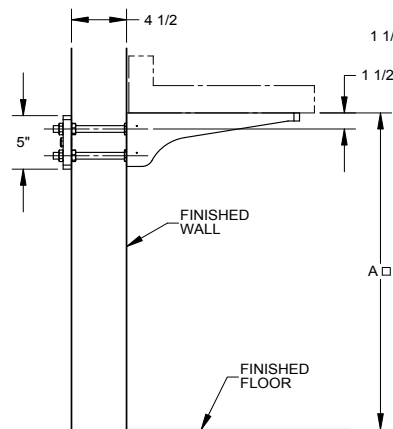
NOTES

SPECIFICATION:

JOSAM 17390 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, ADJUSTABLE WALL PLATE AND CHROME PLATED TRIM.

LAVATORY CARRIER WALL-MOUNT EXPOSED ARM

SERIES **17390**



MANUFACTURER

NUMBER

SIZE

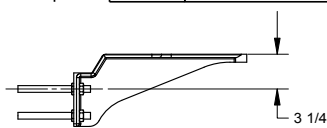
NAME

DIMENSIONS

A _____

C _____

RIM HEIGHT
BASED ON "A" DIM. SHOWN



□ DENOTES VARIABLE DIMENSION
DEPENDS ON FIXTURE.

<input type="checkbox"/> -BP	WITH BACK PLATES*
<input type="checkbox"/> -VP	VANDAL-PROOF TRIM
<input type="checkbox"/> -10	STUDS FOR WALLS OVER 4-1/2" (SPEC. WALL THICKNESS)

* SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/23/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

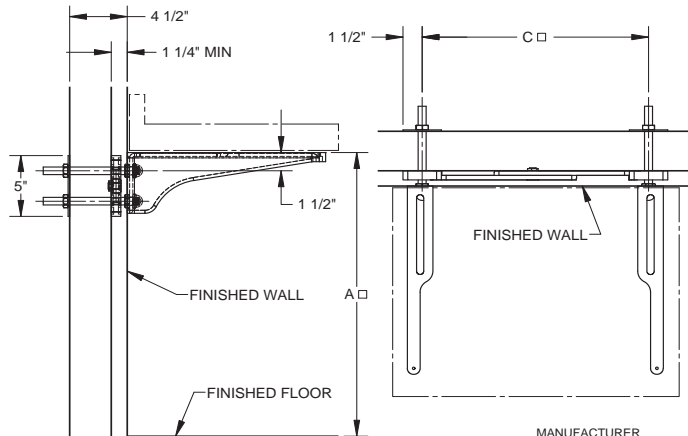
NOTES

SPECIFICATION:

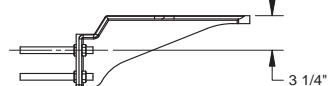
JOSAM 17390 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, ADJUSTABLE WALL PLATE, BACK PLATES AND CHROME PLATED TRIM.

**LAVATORY CARRIER
WALL-MOUNT EXPOSED ARM**

SERIES **17390-BP**



□ DENOTES VARIABLE DIMENSION
DEPENDS ON FIXTURE.



OFFSET ARM FURNISHED
WHEN REQUIRED.

X	-BP	WITH BACK PLATES*
	-VP	VANDAL-PROOF TRIM
	-10	STUDS FOR WALLS OVER 4-1/2" (SPEC. WALL THICKNESS)

*SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 3/04/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

A

C

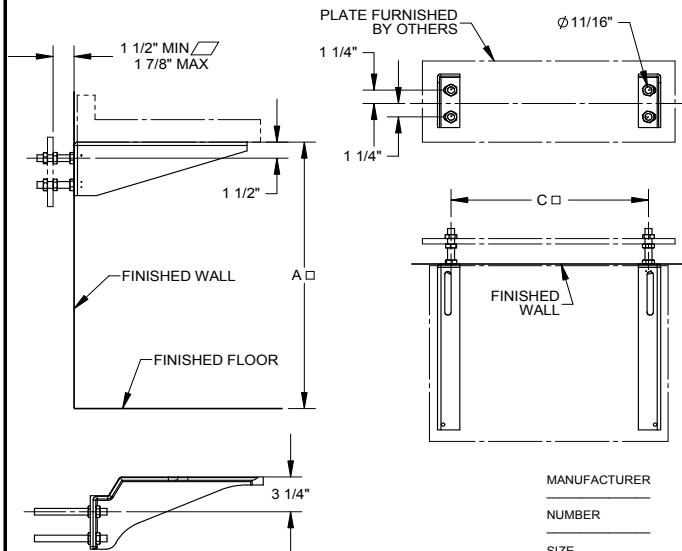
RIM HEIGHT
BASED ON "A" DIM. SHOWN

SPECIFICATION:

JOSAM 17405 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH EXPOSED ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, MOUNTING RODS FOR SECURING TO WALL PLATE BY OTHERS AND CHROME PLATED TRIM.

**LAVATORY CARRIER
WALL-MOUNT EXPOSED ARM**

SERIES **17405**



□ DENOTES VARIABLE DIMENSION
DEPENDS ON FIXTURE.
◇ DIMENSION BASED ON 1/4"
PLATE BY OTHERS.

OFFSET ARM FURNISHED
WHEN REQUIRED.

	-VP	VANDAL-PROOF TRIM
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)

DATE OF LAST CHANGE: 3/05/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

A

C

RIM HEIGHT
BASED ON "A" DIM. SHOWN

SPECIFICATION:

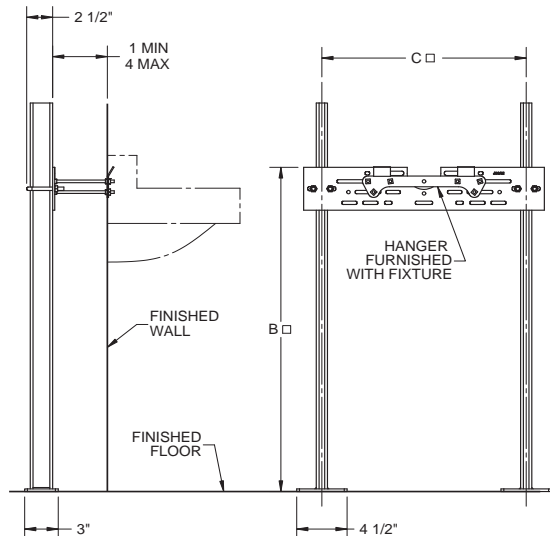
JOSAM 17550 SERIES FLOOR-MOUNTED, SINGLE LAVATORY CARRIER WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.

LAVATORY CARRIER
FLOOR-MOUNT HANGER PLATE

 SERIES **17550**

REUSABLE ALIGNMENT TOOL AVAILABLE

□ VARIABLE - DEPENDS ON FIXTURE
EXCEPT WHEN STANDARD PLATE IS
FURNISHED C = 18-1/4"



MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

 RIM HEIGHT
BASED ON "A" DIM SHOWN

RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

-BB	BACK-TO-BACK CARRIER*
-CL	CORNER LAVATORY CARRIER*
-UR	URINAL CARRIER*
-WC	WATER COOLER CARRIER*

-WCBL	WATER COOLER BI-LEVEL CARRIER*
-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

*SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 8/11/2009

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

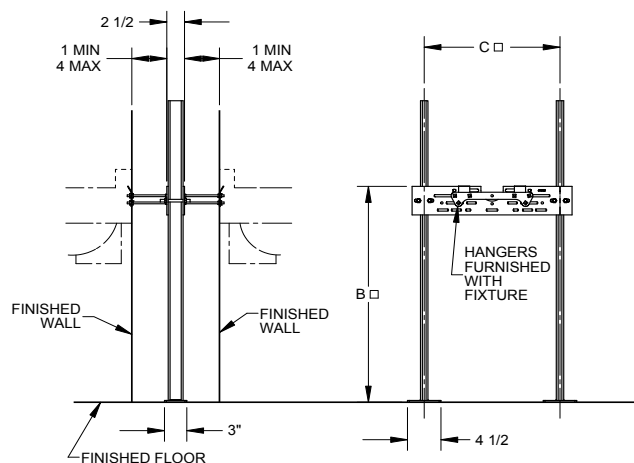
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 17550-BB SERIES FLOOR-MOUNTED, BACK-TO-BACK LAVATORY CARRIER WITH HANGER PLATES, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.

LAVATORY CARRIER
FLOOR-MOUNT HANGER PLATE

 SERIES **17550-BB**


MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

 RIM HEIGHT
BASED ON "B" DIM SHOWN

 RECOMMEND ALL FEET BE SECURED TO FLOOR
WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

□ VARIABLE - DEPENDS ON FIXTURE
EXCEPT WHEN STANDARD PLATE IS
FURNISHED C = 18-1/4"

X	-BB	BACK-TO-BACK CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

DATE OF LAST CHANGE: 3/27/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION: JOSAM 17550-UR SERIES FLOOR-MOUNTED, SINGLE URINAL CARRIER WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.	URINAL CARRIER FLOOR-MOUNT HANGER PLATE SERIES 17550-UR				
	<div style="text-align: right; margin-bottom: 20px;"> MANUFACTURER _____ NUMBER _____ SIZE _____ NAME _____ DIMENSIONS B _____ C _____ RIM HEIGHT BASED ON "A" DIM SHOWN </div> <div style="margin-top: 20px;"> RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS. <input type="checkbox"/> VARIABLE - DEPENDS ON FIXTURE EXCEPT WHEN STANDARD PLATE IS FURNISHED C = 18-1/4" </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 95%;">-UR URINAL CARRIER</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)</td> </tr> </table> </div>	<input checked="" type="checkbox"/>	-UR URINAL CARRIER	<input type="checkbox"/>	-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
<input checked="" type="checkbox"/>	-UR URINAL CARRIER				
<input type="checkbox"/>	-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)				
DATE OF LAST CHANGE: 3/17/10 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA				

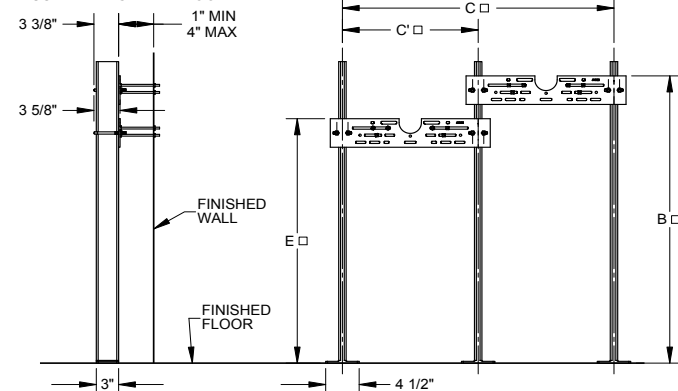
SPECIFICATION: JOSAM 17550-WC SERIES FLOOR-MOUNTED, SINGLE WATER COOLER CARRIER WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.	WATER COOLER CARRIER FLOOR-MOUNT HANGER PLATE SERIES 17550-WC				
	<div style="text-align: right; margin-bottom: 20px;"> MANUFACTURER _____ NUMBER _____ SIZE _____ NAME _____ DIMENSIONS B _____ C _____ RIM HEIGHT BASED ON "A" DIM SHOWN </div> <div style="margin-top: 20px;"> RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS. <input type="checkbox"/> VARIABLE - DEPENDS ON FIXTURE EXCEPT WHEN STANDARD PLATE IS FURNISHED C = 18-1/4" </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 95%;">-WC WATER COOLER CARRIER</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)</td> </tr> </table> </div>	<input checked="" type="checkbox"/>	-WC WATER COOLER CARRIER	<input type="checkbox"/>	-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
<input checked="" type="checkbox"/>	-WC WATER COOLER CARRIER				
<input type="checkbox"/>	-10 STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)				
DATE OF LAST CHANGE: 3/18/10 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA				

SPECIFICATION:

JOSAM 17550-WCBL SERIES FLOOR-MOUNTED BI-LEVEL WATER COOLER CARRIER WITH HANGER PLATES, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.

WATER COOLER CARRIER**FLOOR-MOUNT HANGER PLATE**

SERIES **17550-WCBL**

REUSABLE ALIGNMENT TOOL AVAILABLE

RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

□ VARIABLE - DEPENDS ON FIXTURE EXCEPT WHEN STANDARD PLATE IS FURNISHED C' = 18-1/4"

UTILIZE A SINGLE ALIGNMENT TOOL TO ALIGN A PAIR OF UPRIGHTS. IF YOU WISH TO BRACE ALL THREE UPRIGHTS SIMULTANEOUSLY, TWO TOOLS ARE NECESSARY.

X	-WCBL	BI-LEVEL WATER COOLER CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)

MANUFACTURER

NUMBER

SIZE

NAME

B

C

C'

E

RIM HEIGHT
BASED ON "B" DIM SHOWN

RIM HEIGHT'
BASED ON "E" DIM SHOWN

DATE OF LAST CHANGE: 3/19/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

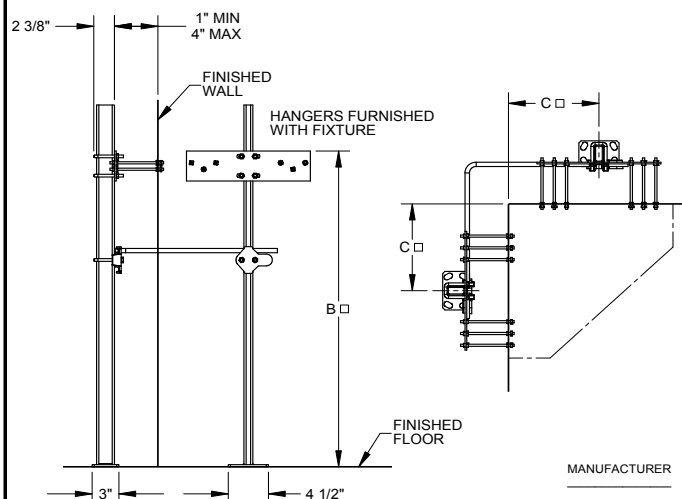
NOTES

SPECIFICATION:

JOSAM 17550-CL SERIES FLOOR-MOUNTED, SINGLE LAVATORY CARRIER FOR SUPPORTING CORNER TYPE LAVATORIES WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND WELDED FEET.

LAVATORY CARRIER**FLOOR-MOUNT HANGER PLATE**

SERIES **17550-CL**



RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

□ VARIABLE - DEPENDS ON FIXTURE

X	-CL	CORNER LAVATORY CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

RIM HEIGHT
BASED ON "A" DIM SHOWN

DATE OF LAST CHANGE: 3/26/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

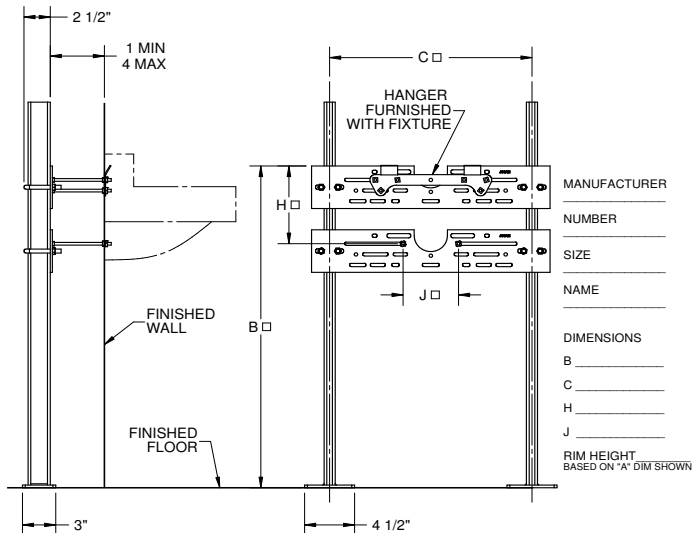
JOSAM 17560 SERIES FLOOR-MOUNTED, SINGLE LAVATORY CARRIER WITH HANGER & BEARING PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

**LAVATORY CARRIER
FLOOR-MOUNT BEARING PLATE**

SERIES **17560**

REUSABLE ALIGNMENT TOOL AVAILABLE

□ VARIABLE - DEPENDS ON FIXTURE
EXCEPT WHEN STANDARD PLATE IS
FURNISHED C = 18-1/4"



RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

-BB	BACK-TO-BACK CARRIER△
-UR	URINAL CARRIER△
-WC	WATER COOLER CARRIER△

-WCBL	WATER COOLER BI-LEVEL CARRIER*
-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

△SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/28/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

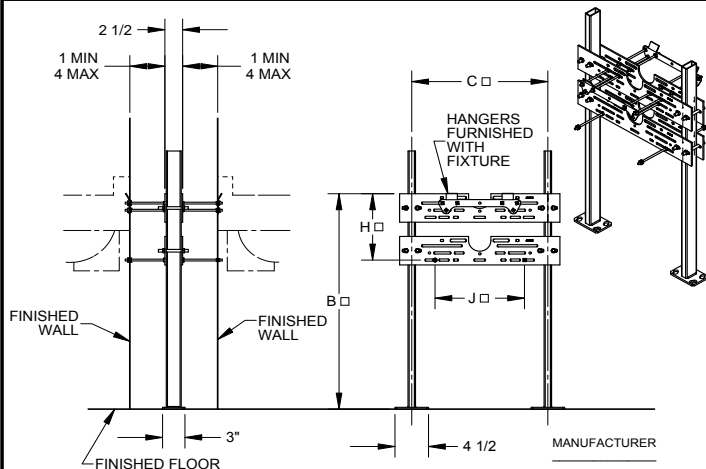
NOTES

SPECIFICATION:

JOSAM 17560-BB SERIES FLOOR-MOUNTED, BACK-TO-BACK LAVATORY CARRIER WITH HANGER PLATES, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS, WELDED FEET, AND CHROME PLATED TRIM.

**LAVATORY CARRIER
FLOOR-MOUNT HANGER PLATE**

SERIES **17560-BB**



RECOMMEND ALL FEET BE SECURED TO FLOOR
WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

□ VARIABLE - DEPENDS ON FIXTURE
EXCEPT WHEN STANDARD PLATE IS
FURNISHED C = 18-1/4"

REUSABLE ALIGNMENT TOOL AVAILABLE.

X	-BB	BACK-TO-BACK CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

H

J

RIM HEIGHT
BASED ON "A" DIM SHOWN

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

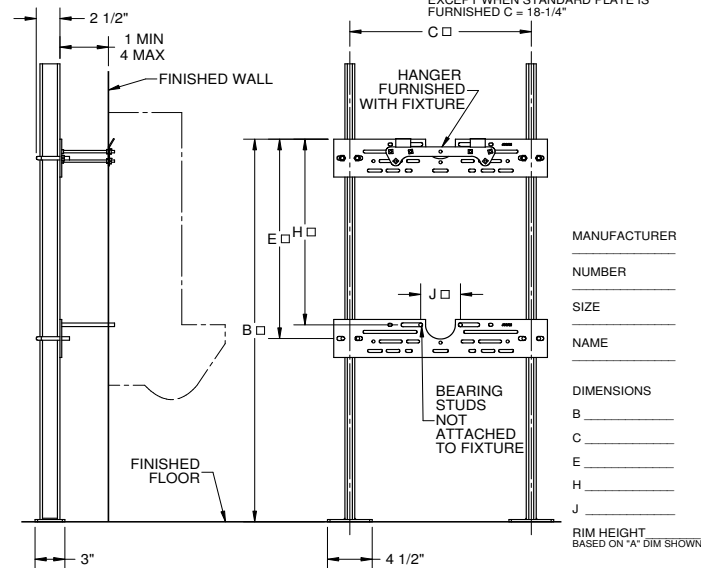
SPECIFICATION:

JOSAM 17560-UR SERIES FLOOR-MOUNTED, SINGLE URINAL CARRIER WITH HANGER & BEARING PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

URINAL CARRIER FLOOR-MOUNT BEARING PLATE

SERIES **17560-UR**

REUSABLE ALIGNMENT TOOL AVAILABLE



RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

X	-UR	URINAL CARRIER
	-10	HARDWARE FOR WALLS OVER 4", SPECIFY WALL THICKNESS

DATE OF LAST CHANGE: 3/25/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

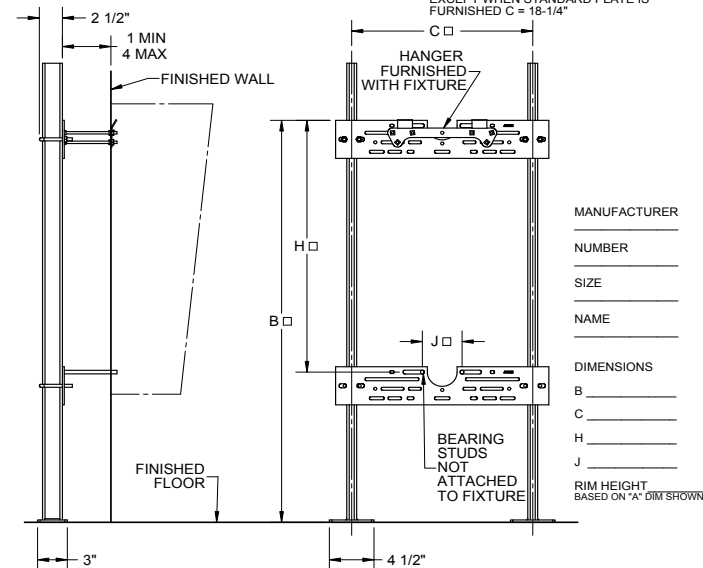
SPECIFICATION:

JOSAM 17560-WC SERIES FLOOR-MOUNTED, SINGLE WATER COOLER CARRIER WITH HANGER & BEARING PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

WATER COOLER CARRIER FLOOR-MOUNT BEARING PLATE

SERIES **17560-WC**

REUSABLE ALIGNMENT TOOL AVAILABLE



RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS.

X	-WC	WATER COOLER CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)

DATE OF LAST CHANGE: 11/10/2011

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

H

J

RIM HEIGHT
BASED ON "A" DIM SHOWN

SPECIFICATION:

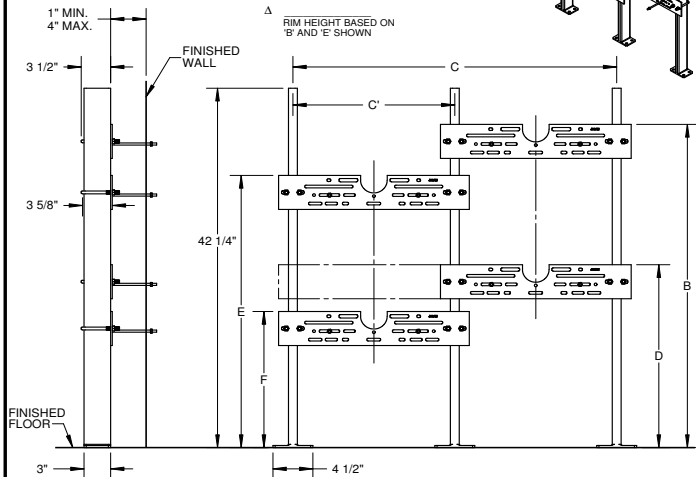
JOSAM 17560-WCBL SERIES FLOOR-MOUNTED BI-LEVEL WATER COOLER CARRIER WITH HANGER AND BEARING PLATES, ADJUSTABLE SUPPORT RODS, STRUCTURAL UPRIGHTS, WELDED FEET, AND CHROME-PLATED TRIM.

WATER COOLER CARRIER
FLOOR-MOUNT BEARING PLATE

SERIES **17560-WCBL**

MANUFACTURER _____ B _____
NUMBER _____ C _____
SIZE _____ C' _____
NAME _____ D _____
E _____
F _____
Δ _____

RIM HEIGHT BASED ON
B' AND E' SHOWN



RECOMMEND ALL FEET BE SECURED TO FLOOR WITH 1/2" BOLTS AND ANCHORS BY OTHERS

USE SINGLE ALIGNMENT TOOL FOR PAIR OF UPRIGHTS FOR ALIGNING ALL 3 UPRIGHTS, 2 TOOLS ARE NECESSARY

X	-WCBL	BI-LEVEL WATER COOLER CARRIER
	-10	STUDS FOR WALLS OVER 4" (SPECIFY)

DATE OF LAST CHANGE: 05/15/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

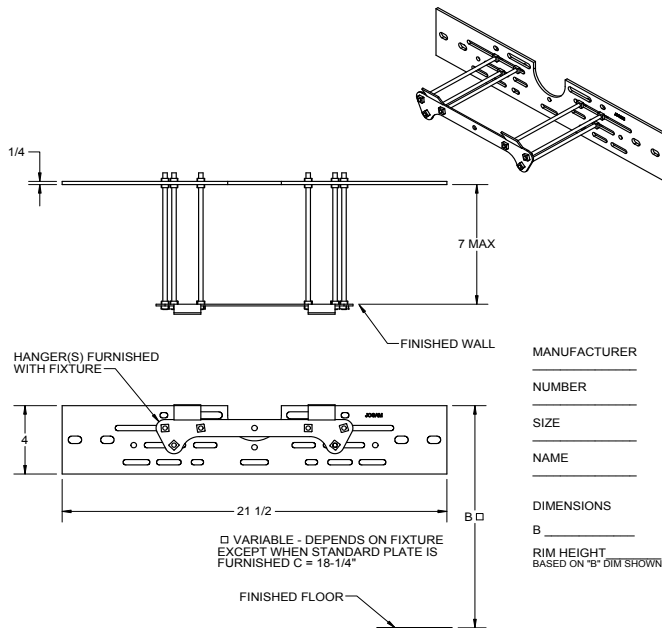
NOTES

SPECIFICATION:

JOSAM 17590 SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH HANGER PLATE AND ADJUSTABLE SUPPORTING RODS.

LAVATORY CARRIER
WALL-MOUNT HANGER PLATE

SERIES **17590**



MANUFACTURER _____

NUMBER _____

SIZE _____

NAME _____

DIMENSIONS

B _____

RIM HEIGHT BASED ON B' DIM SHOWN

-DP	DOUBLE PLATE CARRIER Δ
-UR	URINAL CARRIER Δ
-10	STUDS FOR WALLS OVER 7" (SPECIFY WALL THICKNESS)

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

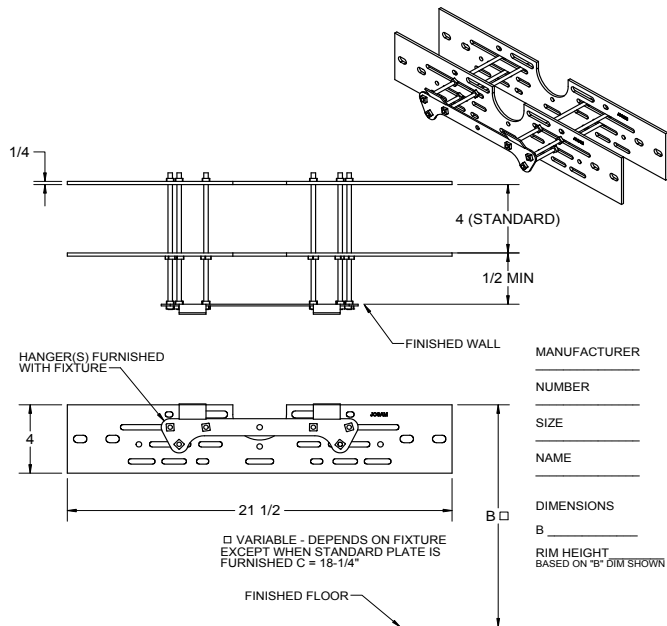
NOTES

SPECIFICATION:

JOSAM 17590-DP SERIES WALL-MOUNTED, SINGLE LAVATORY CARRIER WITH HANGER PLATES AND ADJUSTABLE SUPPORTING RODS.

LAVATORY CARRIER WALL-MOUNT HANGER PLATE

SERIES **17590-DP**



MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

RIM HEIGHT
BASED ON "B" DIM SHOWN

X	-DP	DOUBLE PLATE CARRIER
	-10	STUDS FOR WALLS OVER 7" (SPECIFY WALL THICKNESS)

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

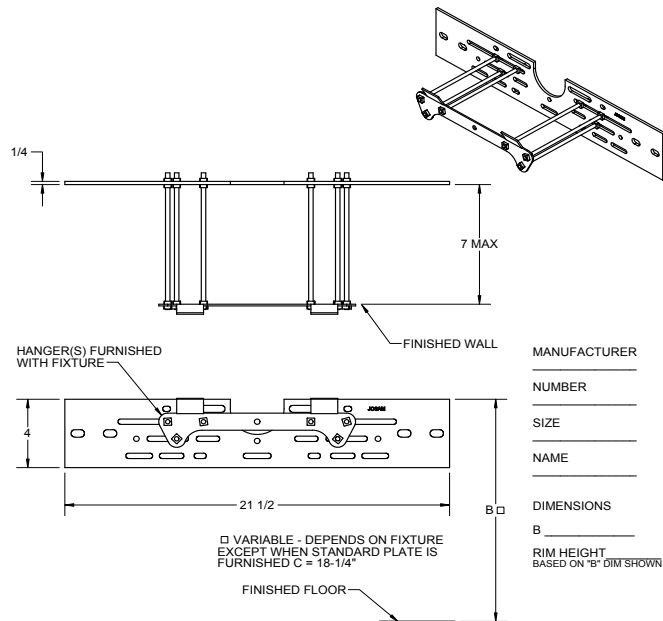
NOTES

SPECIFICATION:

JOSAM 17590-UR SERIES WALL-MOUNTED, SINGLE URINAL CARRIER WITH HANGER PLATE AND ADJUSTABLE SUPPORTING RODS.

URINAL CARRIER WALL-MOUNT HANGER PLATE

SERIES **17590-UR**



MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

RIM HEIGHT
BASED ON "B" DIM SHOWN

X	-UR	URINAL CARRIER
	-10	STUDS FOR WALLS OVER 7" (SPECIFY WALL THICKNESS)

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

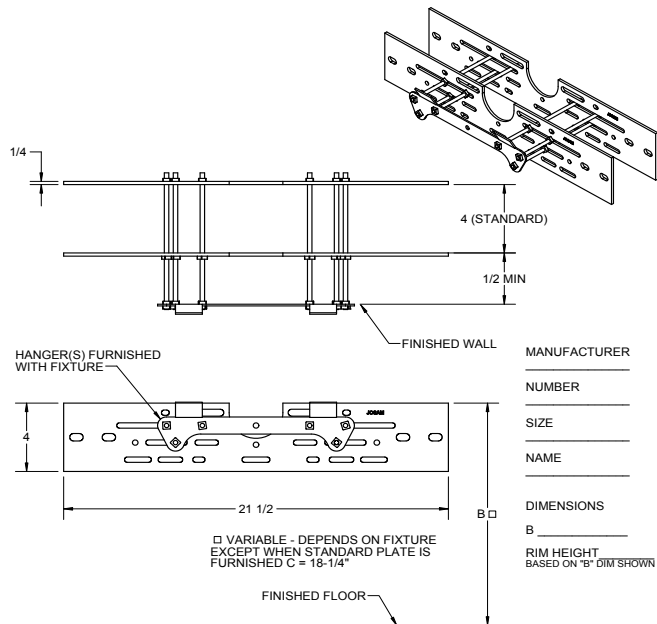
NOTES

SPECIFICATION:

JOSAM 17590-DP SERIES WALL-MOUNTED, SINGLE URINAL CARRIER WITH HANGER PLATES AND ADJUSTABLE SUPPORTING RODS.

**URINAL CARRIER
WALL-MOUNT HANGER PLATE**

SERIES **17590-UR-DP**



MANUFACTURER
NUMBER
SIZE
NAME
DIMENSIONS
B
RIM HEIGHT
BASED ON 6" DIM SHOWN

X	-DP	DOUBLE PLATE CARRIER
X	-UR	URINAL CARRIER
X	-10	STUDS FOR WALLS OVER 7" (SPECIFY WALL THICKNESS)

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

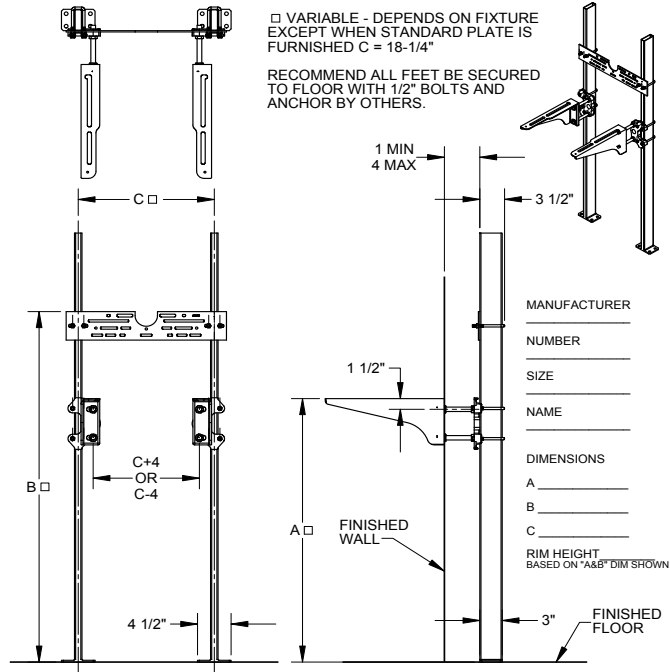
NOTES

SPECIFICATION:

JOSAM 17720 SERIES FLOOR-MOUNTED, SINGLE, HEAVY-DUTY SINK CARRIER WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, ACID-RESISTING WHITE COATED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

**SINK CARRIER
FLOOR-MOUNT HEAVY-DUTY**

SERIES **17720**



MANUFACTURER
NUMBER
SIZE
NAME

DIMENSIONS

A
B
C

RIM HEIGHT
BASED ON 6" DIM SHOWN

-VP	VANDAL-PROOF TRIM
-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
-66	SPLIT HEADER FOR STAINLESS STEEL ARMS (SEPARATE SUBMITTAL AVAILABLE)

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

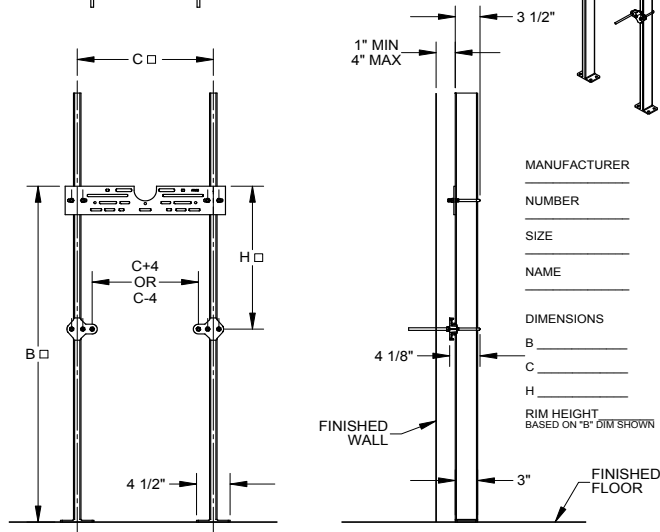
JOSAM 17720-66 SERIES FLOOR-MOUNTED, SINGLE, HEAVY-DUTY SINK CARRIER WITH HANGER PLATE, ADJUSTABLE SUPPORTING RODS, BEARING STUDS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

SINK CARRIER FLOOR-MOUNT HEAVY-DUTY

SERIES **17720-66**

□ VARIABLE - DEPENDS ON FIXTURE
EXCEPT WHEN STANDARD PLATE IS
FURNISHED C = 18-1/4"

RECOMMEND ALL FEET BE SECURED
TO FLOOR WITH 1/2" BOLTS AND
ANCHOR BY OTHERS.



MANUFACTURER

NUMBER

SIZE

NAME

DIMENSIONS

B

C

H

RIM HEIGHT
BASED ON "8" DIM SHOWNFINISHED
FLOOR

	-VP	VANDAL-PROOF TRIM
	-10	STUDS FOR WALLS OVER 4" (SPECIFY WALL THICKNESS)
X	-66	SPLIT HEADER FOR STAINLESS STEEL ARMS (SEPERATE SUBMITTAL AVAILABLE)

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

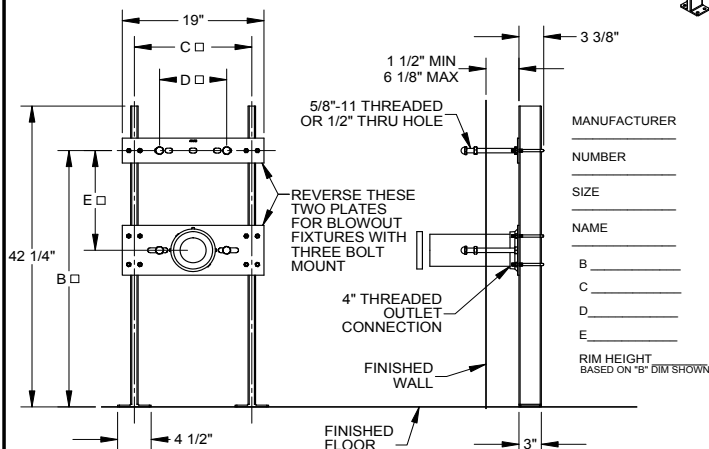
JOSAM 17730 SERIES FLOOR-MOUNTED, SINGLE, HEAVY-DUTY SINK CARRIER WITH SUPPORT PLATES, ADJUSTABLE COUPLING WITH 4" PIPING CONNECTION, MOUNTING STUDS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

SINK CARRIER FLOOR-MOUNT HEAVY-DUTY

SERIES **17730**

NOTES

1. DIMENSIONS MARKED □ VARY DEPENDING ON MOUNTED FIXTURE.
2. RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS & ANCHORS BY OTHERS.



MANUFACTURER

NUMBER

SIZE

NAME

B

C

D

E

RIM HEIGHT
BASED ON "8" DIM SHOWN

	-VP	VANDAL-PROOF TRIM
	-11	CAST IRON ADJUSTABLE EXTENSION (SPECIFY 6", 9" OR 12" ON ORDER)
	-60	VALVE PLATE FOR ATTACHING TO UPRIGHT

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

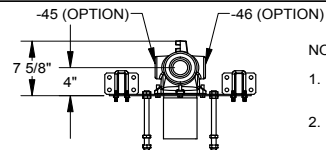
NOTES

SPECIFICATION:

JOSAM 17735 SERIES FLOOR-MOUNTED, SINGLE, HEAVY-DUTY SINK CARRIER WITH SUPPORT PLATES, ADJUSTABLE COUPLING WITH 4" X 2" WASTE FITTING, MOUNTING STUDS, STRUCTURAL UPRIGHTS, WELDED FEET AND CHROME PLATED TRIM.

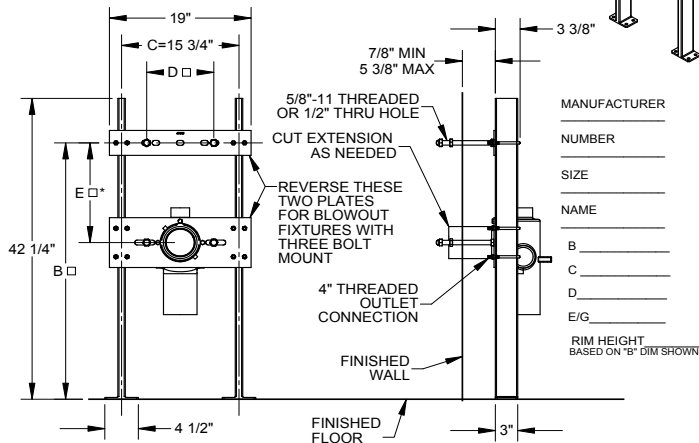
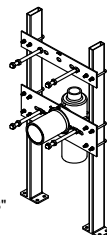
**SINK CARRIER
FLOOR-MOUNT HEAVY-DUTY**

SERIES **17735**



NOTES

1. DIMENSIONS MARKED \square VARY DEPENDING ON MOUNTED FIXTURE.
2. RECOMMEND FEET BE SECURED TO FLOOR WITH 1/2" BOLTS & ANCHORS BY OTHERS.



MANUFACTURER _____

NUMBER _____

SIZE _____

NAME _____

B _____

C _____

D _____

E/G _____

RIM HEIGHT
BASED ON "B" DIM SHOWN

* G \square FOR BLOWOUT CONFIGURATION

-4	VANDAL-PROOF TRIM
-10	STUDS FOR WALLS OVER 5-3/8" (SPEC. WALL THICKNESS)
-45	THREADED HIGH LEFT-HAND AUXILIARY VENT
-46	THREADED HIGH RIGHT-HAND AUXILIARY VENT

NOTE: OTHER FITTINGS AVAILABLE UPON REQUEST. CONTACT YOUR JOSAM REPRESENTATIVE

DATE OF LAST CHANGE: 4/23/15

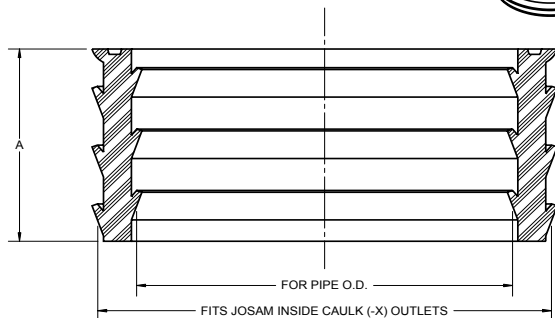
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 19800 ELASTOMERIC NEOPRENE GASKET
CONFORMING TO ASTM-C564 STANDARD FOR WATER-TIGHT SEAL
WITH PIPE IN JOSAM INSIDE CAULK OUTLETS (-X).

**GASKET
JIFFEE JOINT**
SERIES 19800


TYPE NO.	DESIGNATION	FOR PIPE O.D.		A
		MIN.	MAX.	
19802	2" SW	2.125	2.390	1-1/2
19803	3" SW	3.125	3.390	1-3/4
19804	4" SW	4.125	4.390	2-1/4
19805	5" SW	5.210	5.390	2-1/2
19806	6" SW	6.210	6.390	2-5/8
19812	2" XH	2.290	2.470	1-1/2
19813	3" XH	3.410	3.590	1-3/4
19814	4" XH	4.410	4.590	2-1/4
19815	5" XH	5.410	5.590	2-1/2
19816	6" XH	6.410	6.590	2-5/8
19825	5" SP	5.550	5.700	2-1/2
19826	6" SP	6.550	6.700	2-5/8

DATE OF LAST CHANGE: 06/20/08

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

Installing JOSAM Products Using the JIFFEE-JOINT Gasket.

1. Set drain body to the proper height over pipe.
2. Level and support in place.
3. After coating gasket and inside of drain with a gasket lubricant, slip gasket over pipe and press down as far as possible by hand.
4. Placing a caulking tool in groove at top of gasket, drive the gasket down flush with the pipe top – no further. You have made a perfect joint.

GASKET-PIPE TABLE

TYPE NO.	CAST IRON		PVC			COPPER		
	SOIL PIPE XH	SW	NO HUB	PLASTIC ABS	THIN PVC WALL	STEEL	DWV	GLASS
19802	•				•		•	•
19803	•		•		•		•	
19804	•		•		•		•	
19805	•		•					
19806	•		•					
19812	•		•	•	•	•		•
19813	•			•	•	•		•
19814	•			•	•	•		•
19815	•							
19816	•							
19825				•	•	•		
19826				•	•	•		•

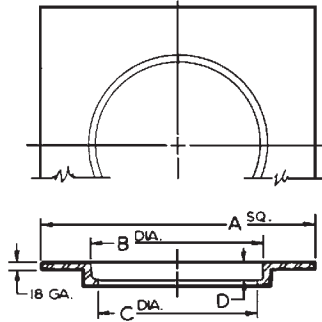
SW – Service Weight

XH – Extra Heavy

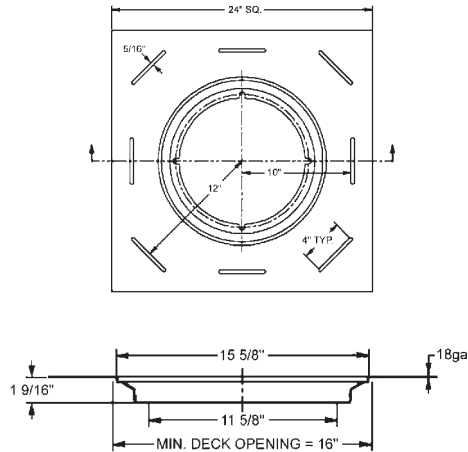
SP – Steel Pipe

These recommendations apply to pipe that conforms to ANSI, ASTM and other applicable standards. JIFFEE-JOINT Gaskets are designed for use only with JOSAM caulk outlet (-X) products.

(-2) DRAIN RECEIVER



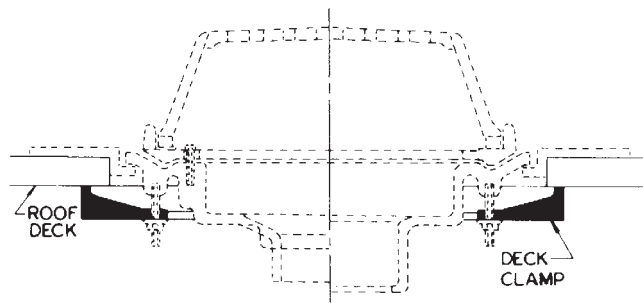
(-CR) CLAMPING DRAIN RECEIVER



DRAIN RECEIVER DIMENSIONS

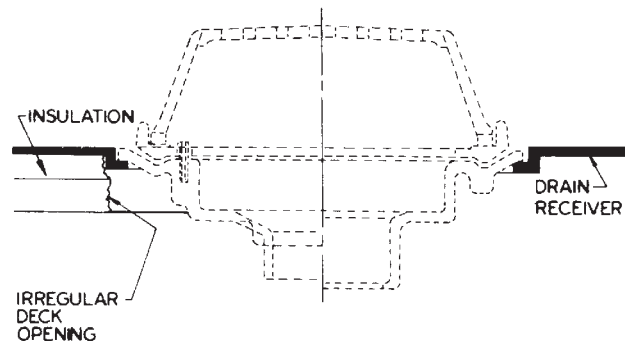
SERIES NO.	A	B	C	D
21500	24	15-1/2	14-9/16	21/64
22010	20	12-1/4	11-1/2	21/64
22080	16	9-1/2	7-1/2	47/64

DRAIN SERIES	APPLICABLE DRAIN RECEIVER				
	OUTLET SIZE				
	2" - 4"	5"	6"	8"	10"
21500	21500 21500-CR	21500 21500-CR	21500 21500-CR	21500 21500-CR	21500 21500-CR
22010	22010	22010	22010		
22080	22080				
23710	22010	22010	22010		
23730	22080				
23740	22080				
25500	21500 21500-CR	21500 21500-CR	21500 21500-CR	21500 21500-CR	
25520	22010	22010	22010		
25540	22080				
28600	21500 21500-CR	21500 21500-CR	21500 21500-CR	21500 21500-CR	



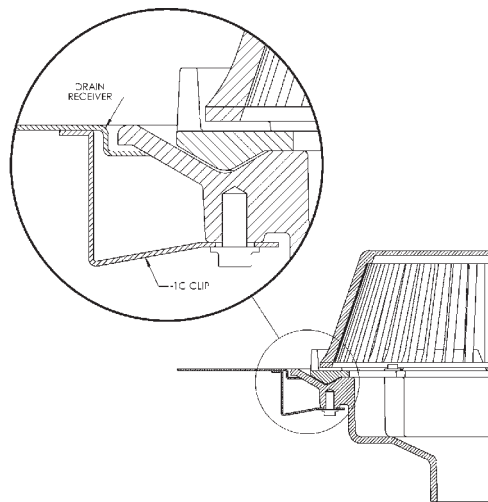
(-1) OPTION, DECK CLAMP

The deck clamp is the most dependable means by which the roof drain can be secured to the roof deck to insure a permanent bond that will prevent damage of flashing and membrane materials caused by movement and vibration. It is secured to the underside of the drain body with heavy-duty threaded rods, which provide adjustment to accommodate various slab or deck thicknesses, and is drawn tightly in place against the underside of the deck to form a positive union.



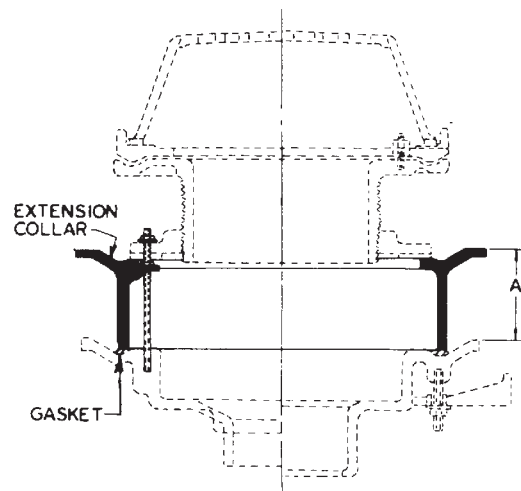
(-2) OPTION, DRAIN RECEIVER

The drain receiver is recommended for use in all roof drain installations regardless of deck construction and is of particular importance when used in conjunction with drains installed in decks where support is on insulation. The drain receiver is produced in heavy gauge steel, coated for protection, and embodies a recessed flange to carry the drain, and a wide flange to support the assembly on the roof. The drain receiver distributes the weight of the roof drain evenly over the deck and compensates for irregular and misaligned deck openings.



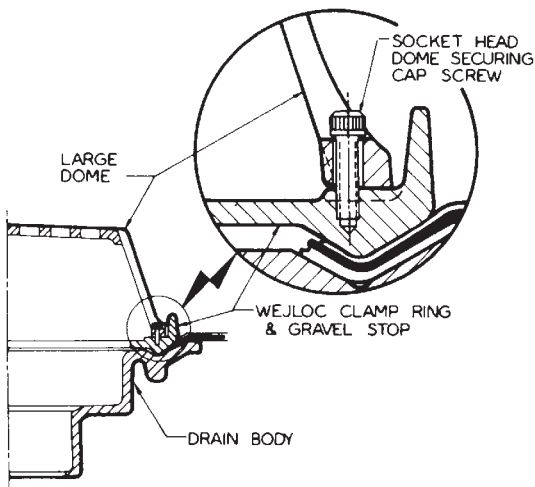
(-3C) OPTION, DRAIN RECEIVER & DRAIN RECEIVER CLIPS

Includes (-2) Optional Drain Receiver and clips, to secure the roof drain body directly to the receiver. Simply position the drain outlet face up, position drain receiver over the drain body and attach the four receiver clips with the hardware provided. Invert body and install the assembly into the deck opening. If necessary, secure assembly to the metal deck with self-tapping screws (by others).



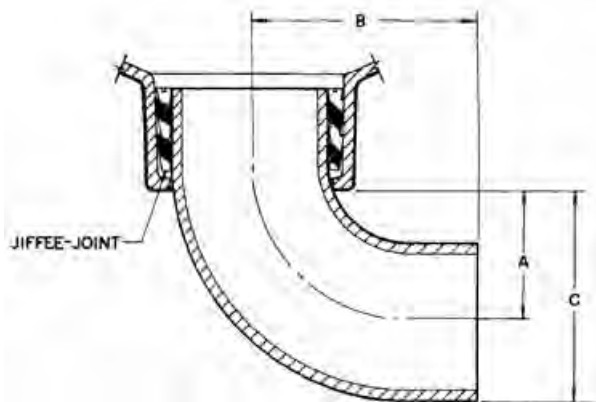
(-10) OPTION, FIXED EXTENSION COLLAR USED WITH LEVELEZE® DRAINS

For roof or deck construction where base slab to surface height is greater than can be accommodated with the standard LEVELEZE® collar, the (-10) Fixed Extension Collar "A" is used along with the (-AE) LEVELEZE® assembly. These collars can be used in multiples where extension requirements dictate. The Fixed Extension Collar can be cast in increments of 1, 2, 3 and 4 inches. Shorter or longer dimensions are available by cutting or stacking extensions



(-VP) OPTION, VANDAL-PROOF SECURED DOME

Where vandalism or mischievous activity is anticipated, it is advisable to specify vandal-proof domes on roof drains. All JOSAM precision-molded plastic large domes incorporate bayonet locking devices as standard equipment; however, when specified vandal-proof, they are further secured with screws to insure permanence of assembly. Other types of domes can also be vandal-proofed when specified.

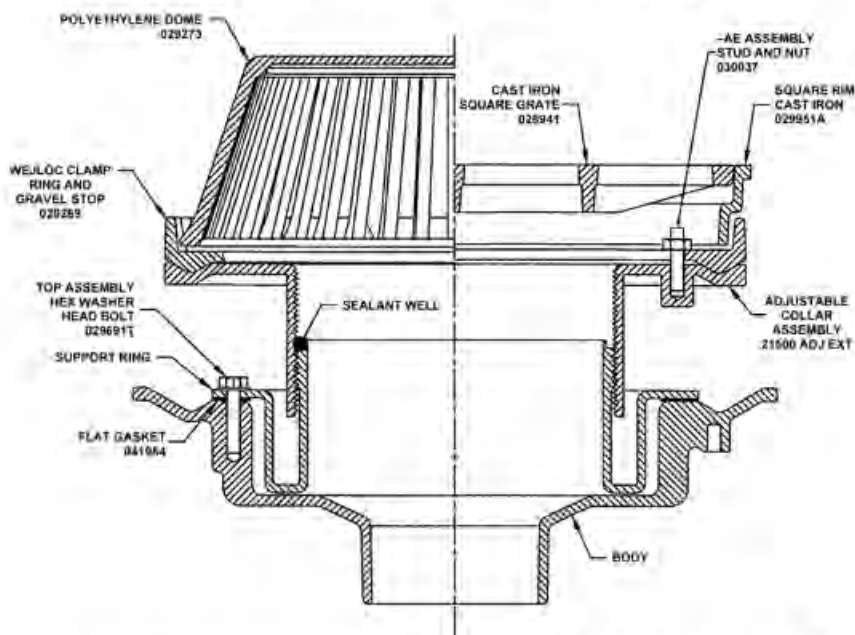


PIPE SIZE	A	B	C
2	2-1/2	4-1/2	3-5/8
3	2-13/16	5	4-1/2
4	3-1/2	5-1/2	5-11/16
5	4-5/16	6-1/2	6-15/16
6	4-13/16	7	7-15/16

(-66) NO-HUB SIDE OUTLET

This option converts JOSAM bottom outlet inside caulk drains to no-hub side outlet drains using a 90° no-hub quarter bend and a JIFFEE-JOINT Gasket.

STANDARD ADJUSTABLE LEVEZEZ ASSEMBLY (-AE)



INSTALLATION INSTRUCTIONS

- 1.) PLACE FLAT GASKET WITH HOLES ALIGNED ON DRAIN BODY
- 2.) SECURE SUPPORT RING ON TOP OF GASKET WITH 3/8" WASHER HEAD BOLTS
- 3.) ATTACH WEILÖC CLAMP RING TO ADJUSTABLE COLLAR WITH 3/8" STUDS, SECURE CLAMP RING DOWN WITH 3/8" NUTS AND WASHERS

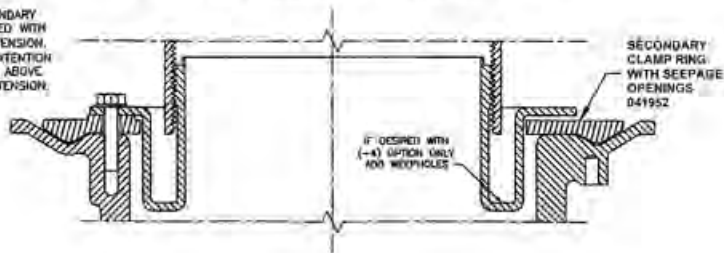
USING #21500 SEAL KIT 3 SEALING INSTRUCTIONS

- 1.) SURFACES MUST BE CLEAN AND DRY
- 2.) COMPLETELY FILL THE SEALANT WELL BETWEEN ADJUSTABLE EXTENSION AND THE SUPPORT RING TO FORM WATERPROOF SEAL
- 3.) SEALANT SHINS IN 5 MINUTES, DRIES TO TOUCH IN 1 HOUR, CURES & BONDS IN 24 HOURS

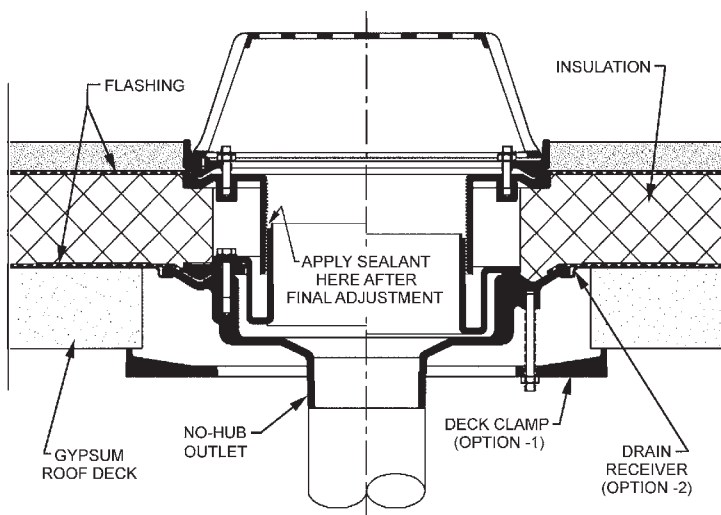
FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN LEAKAGE

ADJUSTABLE LEVEZEZ ASSEMBLY WITH OPTIONAL (-4) SECONDARY CLAMP RING

WHEN (-4) SECONDARY CLAMP RING IS USED WITH A (-10) FIXED EXTENSION, THE (-10) FIXED EXTENSION MUST BE LOCATED ABOVE THE (-AE) ADJ. EXTENSION

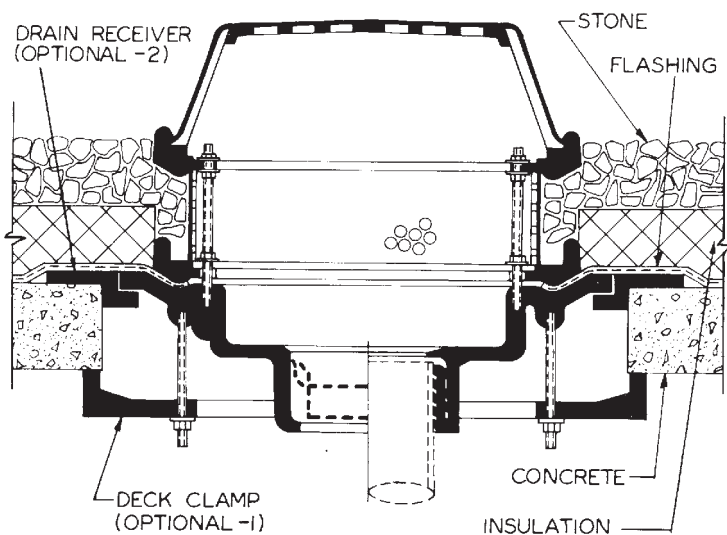


GYPSUM ROOF DECK SYSTEM



21500-AE Series

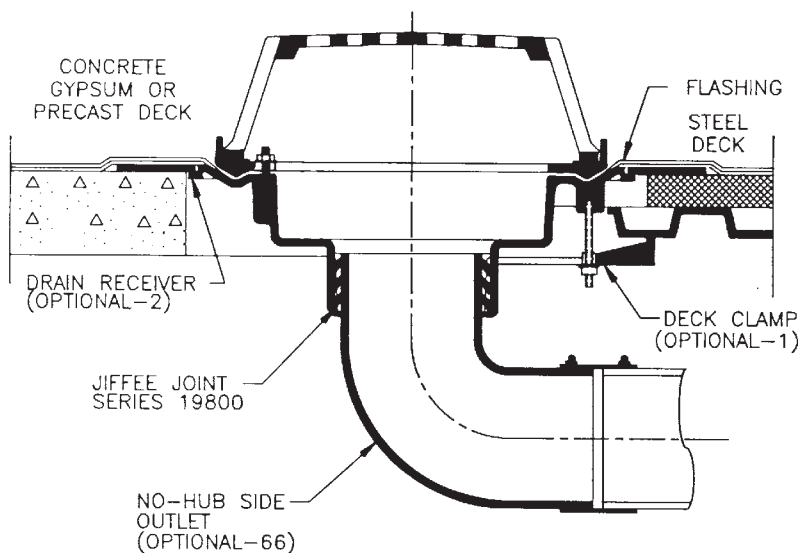
TYPICAL INSULATED ROOF MEMBRANE SYSTEM



21500-IRMA Series

PRECAST CONCRETE DECK

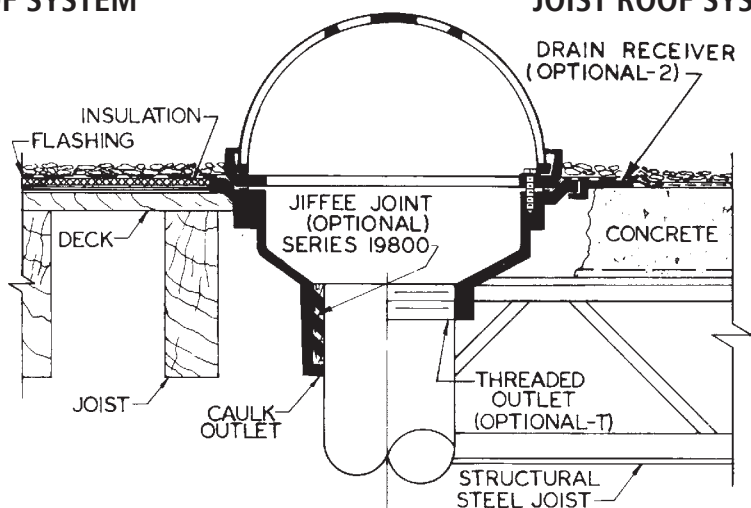
STEEL ROOF DECK



21500-66 Series

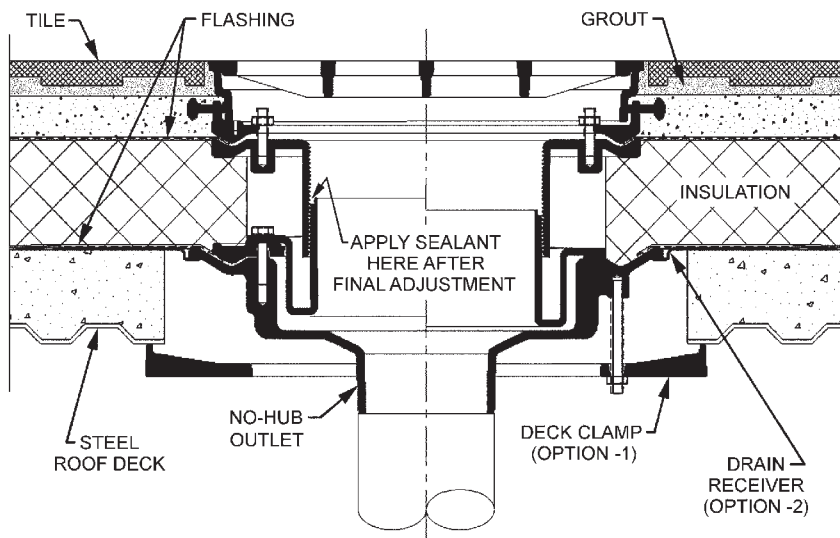
WOOD JOIST ROOF SYSTEM

STRUCTURAL STEEL JOIST ROOF SYSTEM



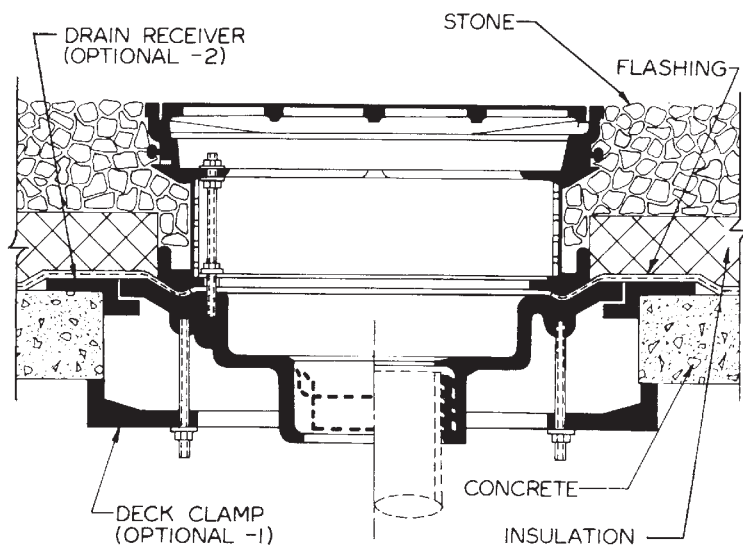
22010 Series

STEEL-SUPPORTED BUILT-UP ROOF DECK SYSTEM



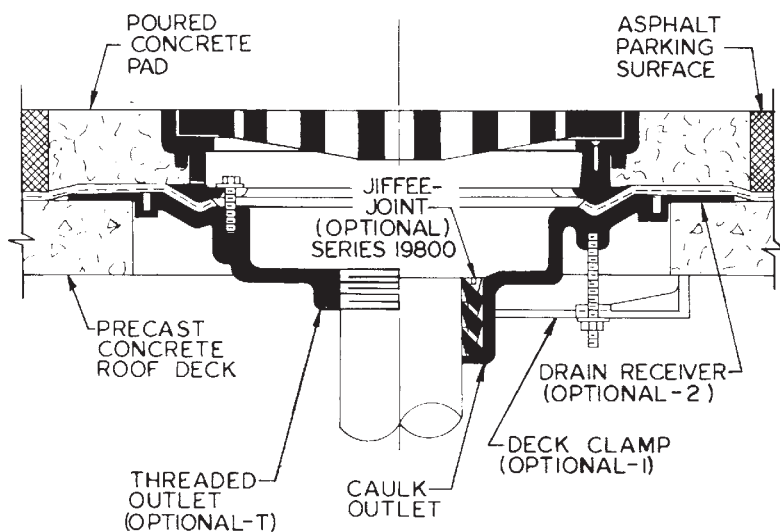
23500-AE Series Promenade Roof Drain

TYPICAL INSULATED ROOF MEMBRANE SYSTEM



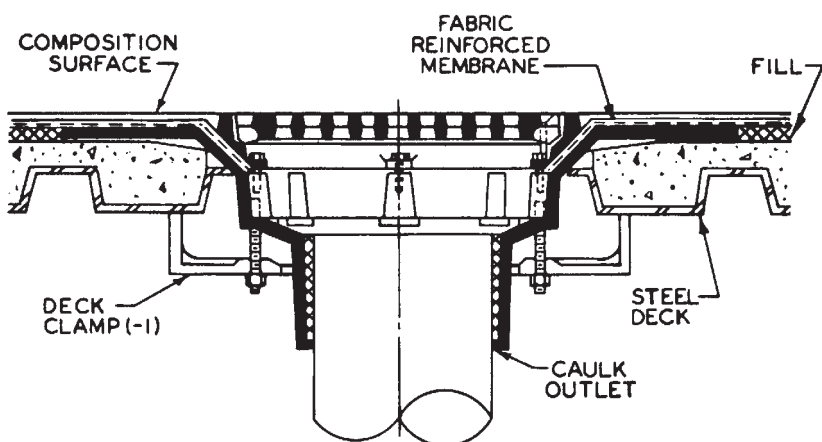
23500-IRMA Series

CONCRETE DECK WITH ASPHALT PARKING SURFACE

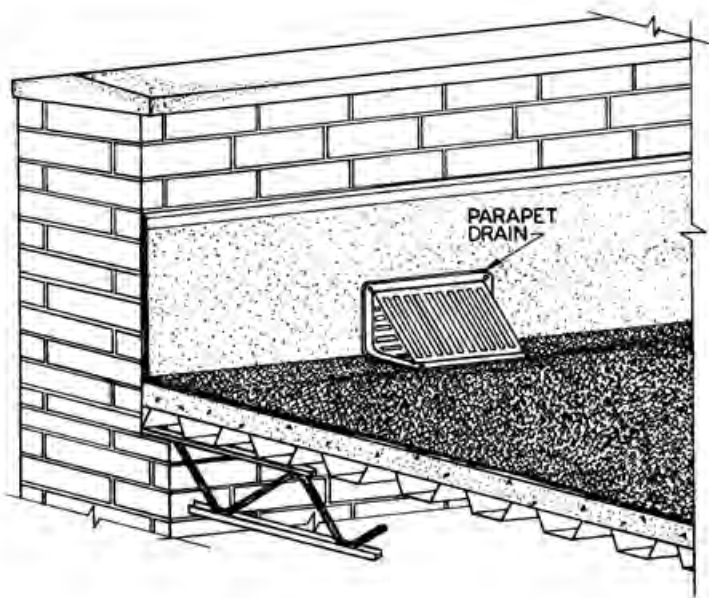


23510 Series Promenade Roof Drain

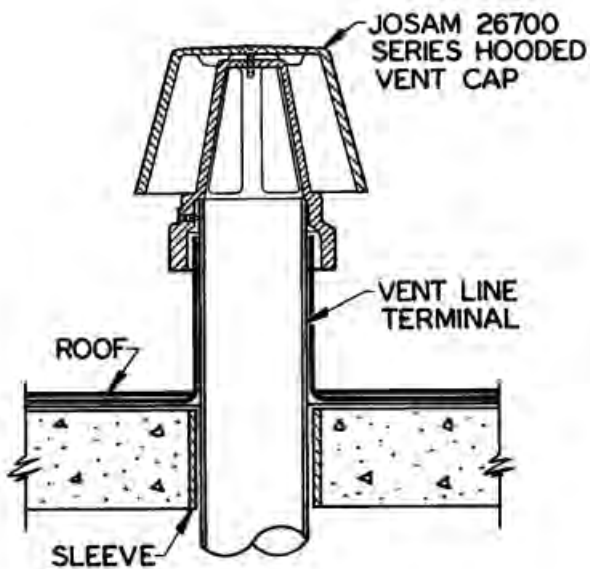
STEEL DECK CONCRETE SYSTEM WITH COMPOSITION MEMBRANE SURFACE



24020 Series SUPER-FLO® Composition Deck Drain



24700 Parapet Overflow Drain

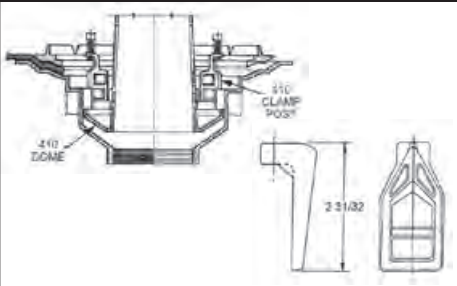


26700 Series Vandal-Proof Vent Cap

Replacement Parts

Josam introduced the first non-puncturing clamping device for roof drains in the 1920's. By casting lugs into the body and flat tabs onto the clamp ring, the membrane could be clamped between the drain body and clamp ring using the 410 Clamp Posts. The original design can be identified in the field by the use of these clamp posts to secure the body to the clamp ring. The 410 and 4110 Series replacement parts below are for use with these original drains. Please use these drawings to check dimensions carefully as replacement parts are not returnable.

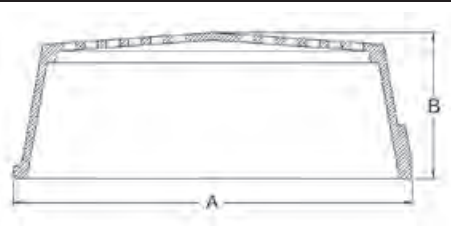
410 CLAMP POST PACK



Part No.	Description
010245	Clamp Post Pack (Four to a Pack)

4110 C.I. DOME

Use with 410 Clamp Ring

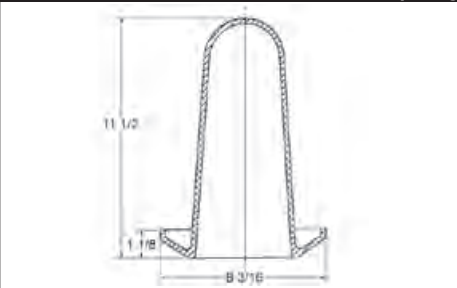


Type	Part No.	A	B
4114 O.S.	029240	12-1/4	5-3/8
4116	029350	14-1/6	5-3/8
4118	029420T	16-3/8	6-13/32

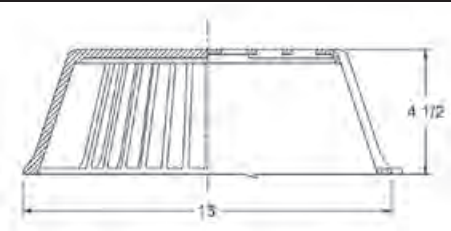
410 C.I. DOME

Use with 410 Clamp Ring

21500 DOME



Type	Part No.
414 N.S.	010320T

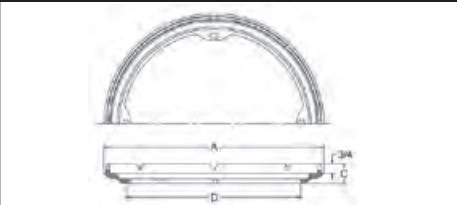


Part No.	Description
029273	Polypropylene Dome
029279F	Cast Iron Dome
029275T	Aluminum Dome

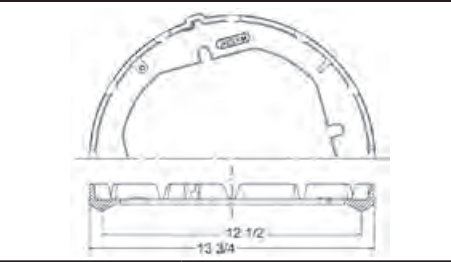
410 C.I. CLAMP RING

Use with 410/4110 Domes

21500 C.I. CLAMP RING



Type	Part No.	A	C	D	Use with Domes
414	010350	13-3/4	1-7/16	10-7/8	414 N.S., 4114 O.S.
415	010520	15-1/4	1-9/16	11-11/16	4116 O.S.
416	010660	15-3/4	1-1/2	12-3/4	4116 O.S.
418	010800T	17-3/16	1-3/8	14-11/16	4118



Part No.	Description
029269F	21504 Cast Iron Clamp Ring
029691T	21500 Clamp Ring Hardware Pack

SPECIFICATION:

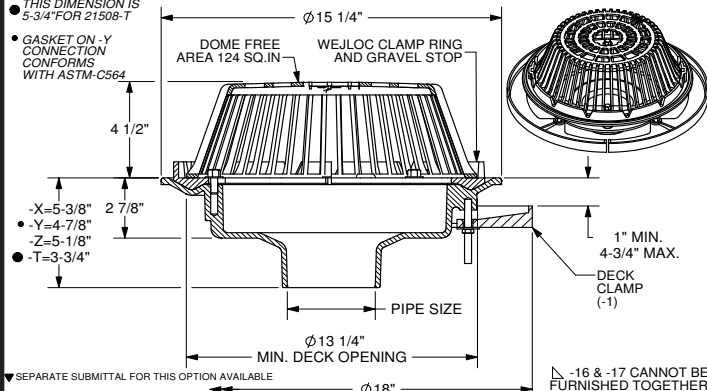
JOSAM 21500 SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

**ROOF DRAIN
LARGE SUMP**

SERIES **21500**

● THIS DIMENSION IS 5-3/4" FOR 21500-T

● GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564



▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

▲ -16 & -17 CANNOT BE FURNISHED TOGETHER

2"	PIPE SIZE	-2	DRAIN RECEIVER
3"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
4"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
5"	PIPE SIZE	-4	SECONDARY FLASHING CLAMP (-AE ONLY)
6"	PIPE SIZE	▼ -6	EXTRA WIDE FLANGE DRAIN BODY (2"-6"; -X OUTLET ONLY)
8"	PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT. 4" STANDARD)
10"	PIPE SIZE (NO-HUB ONLY)	-10-20	FIXED EXT. COLLAR, GALV. (SPECIFY HT. 4" STANDARD)
		▼ -16	INTERNAL WATERGUARD (2" THRU 6" OUTLETS ONLY)
		-16GLV	INTERNAL WATERGUARD GALVANIZED STEEL (2"-6" OUTLETS ONLY)
		▼ -17	2" HIGH SOLID CLAMPING COLLAR
-X	INSIDE CAULK OUTLET	-19	CLAMP COLLAR W/PERFORATED STAINLESS GRAVEL GUARD
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)	-20	GALV. CAST IRON PARTS
-Z	NO-HUB SPIGOT OUTLET	-21	GALV. CAST IRON DOME ONLY
-T	THREADED OUTLET	-22	CAST IRON DOME
		-23	ROUGH BRONZE DOME
▼ -AE	THREADED LEVELLEEZ® ADJ. EXT.	-26	ALUMINUM DOME
▼ -AER	ADJ. EXT. USING THREADED RODS	-33	STAINLESS STEEL MESH-COVERED DOME
▼ -IRMA	PERFORATED STAINLESS STEEL EXT.	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16")		
-1	DECK CLAMP ASY.	-VP	VANDAL-PROOF DOME
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16")		

DATE OF LAST CHANGE: 01/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

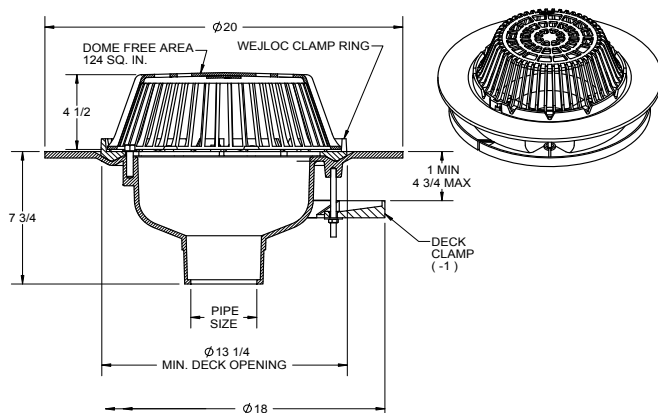
NOTES

SPECIFICATION:

JOSAM 21500-6 SERIES COATED CAST IRON DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH EXTRA-WIDE ROOF FLANGE AND BOTTOM OUTLET INSIDE CAULK CONNECTION.

**ROOF DRAIN
LARGE SUMP, WIDE FLANGE**

SERIES **21500-6**



** -10 EXTENSION 4" STANDARD

** -16 & -17 CANNOT BE FURNISHED TOGETHER

	2"	PIPE SIZE	-16"	INTERNAL WATERGUARD
	3"	PIPE SIZE	-17"	2" HIGH SOLID CLAMPING COLLAR
	4"	PIPE SIZE	-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
	5"	PIPE SIZE	-20	GALVANIZED CAST IRON PARTS
	6"	PIPE SIZE	-21	GALVANIZED CAST IRON DOME ONLY
			-22	CAST IRON DOME
X	-X	INSIDE CAULK OUTLET	-23	ROUGH BRONZE DOME
X	-6	EXTRA WIDE FLANGE DRAIN BODY	-26	ALUMINUM DOME
	-AE	THREADED LEVELLEEZ® ADJ. EXT.	-33	STAINLESS STEEL MESH-COVERED DOME
	-IRMA	PERFORATED STAINLESS STEEL EXT.	-66	NO-HUB OUTLET
			-VP	VANDAL-PROOF DOME
	-1	DECK CLAMP ASSEMBLY		
	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)		
	-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)		

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

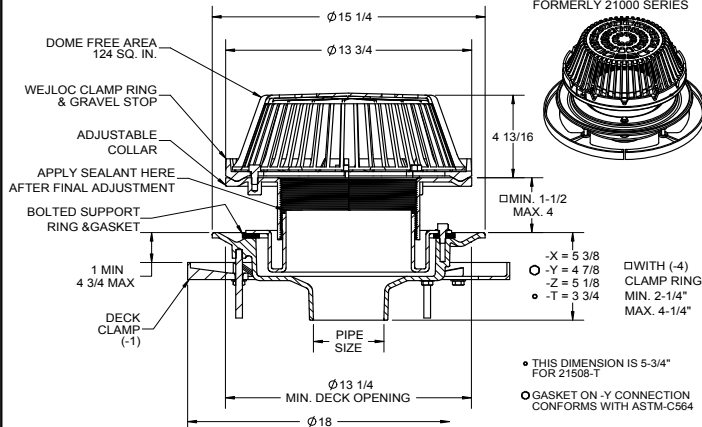
JOSAM 21500-AE SERIES COATED CAST IRON LEVELEZE® ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, BOLTED SUPPORT RING, ADJUSTABLE TOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

W/ LEVELEZE® ADJUSTABLE EXTENSION

SERIES **21500-AE**

FORMERLY 21000 SERIES



2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
8"	PIPE SIZE
10"	PIPE SIZE (NO-HUB ONLY)
X	-AE THREADED LEVELEZE® ADJ. EXT.
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16")
-VP	SECURED DOME
-1	DECK CLAMP ASSEMBLY
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16")
-2	DRAIN RECEIVER
-3	DECK CLAMP ASY. AND DRAIN RECEIVER
-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
-4	SECONDARY FLASHING CLAMP (-AE ONLY)

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
-10	FIXED EXT. COLLAR, CAST IRON, 4" STD. (SPECIFY HEIGHT)
-10-20	FIXED EXT. COLLAR, GALVANIZED, 4" STD. (SPECIFY HEIGHT)
-16*	INTERNAL WATERGUARD (2" THRU 6" OUTLETS ONLY)
-17*	2" HIGH SOLID CLAMPING COLLAR
-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
-20	GALVANIZED CAST IRON PARTS
-21	GALVANIZED CAST IRON DOME ONLY
-22	CAST IRON DOME
-23	ROUGH BRONZE DOME
-26	ALUMINUM DOME
-33	STAINLESS STEEL MESH-COVERED DOME
-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)
-Z	NO-HUB SPIGOT OUTLET

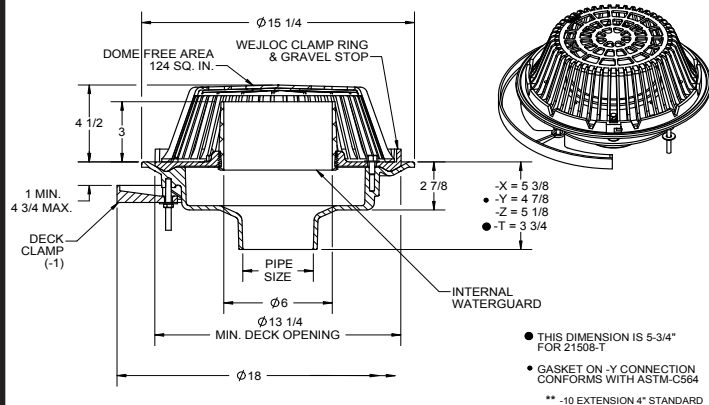
* -16 & -17 CANNOT BE FURNISHED TOGETHER

SPECIFICATION:

JOSAM 21500-16 SERIES COATED CAST IRON ROOF DRAIN, INTERNAL WATERGUARD TYPE, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, SECURED PLASTIC INTERNAL WATERGUARD FOR 3" WATER DEPTH, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

LARGE SUMP, INTERNAL WATERGUARD

SERIES **21500-16**

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

2"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
3"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
4"	PIPE SIZE	-4	SECONDARY FLASHING CLAMP (-AE ONLY)
5"	PIPE SIZE	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
6"	PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
		-16	INTERNAL WATERGUARD (2" THRU 6" OUTLETS ONLY)
-X	INSIDE CAULK OUTLET	-16GLV	GALV. STEEL INTERNAL WATERGUARD (2"-6" ONLY)
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)	-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
-Z	NO-HUB SPIGOT OUTLET	-20	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET	-21	GALVANIZED CAST IRON DOME ONLY
		-22	CAST IRON DOME
-AE	THREADED LEVELEZE® ADJ. EXT.	-23	ROUGH BRONZE DOME
-AER	ADJ. EXT. USING THREADED RODS	-26	ALUMINUM DOME
-JRM	PERFORATED STAINLESS STEEL EXT.	-33	STAINLESS STEEL MESH-COVERED DOME
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16")	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-1	DECK CLAMP ASY.	-VP	VANDAL-PROOF DOME
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16")		
-2	DRAIN RECEIVER		

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

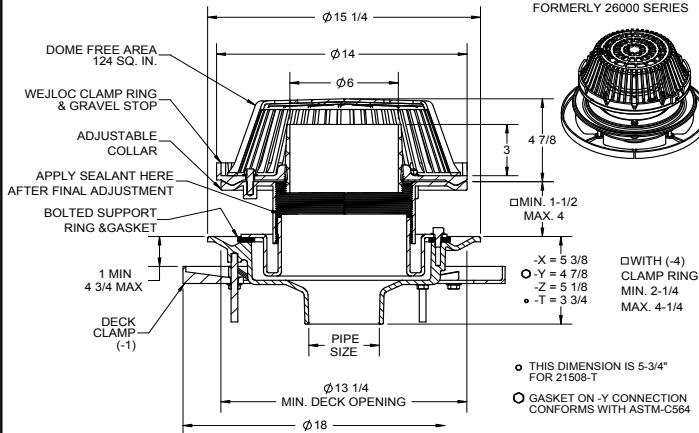
JOSAM 21500-AE-16 SERIES COATED CAST IRON LEVELEZE® ROOF DRAIN, INTERNAL WATERGUARD TYPE, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, BOLTED SUPPORT RING, SECURED PLASTIC INTERNAL WATERGUARD FOR 3" WATER DEPTH, ADJUSTABLE TOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

W/ LEVELEZE® ADJUSTABLE EXTENSION
& INTERNAL WATERGUARD

SERIES **21500-AE-16**

FORMERLY 26000 SERIES



- -X = 5 3/8
- -Y = 4 7/8
- -Z = 5 1/8
- -T = 3 3/4

• THIS DIMENSION IS 5-3/4" FOR 21508-T

• GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
Δ	
X	-AE THREADED LEVELEZE® ADJ. EXT.
	-CR CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16")
	-VP SECURED DOME
	-1 DECK CLAMP ASSEMBLY
	-1C DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16")
	-2 DRAIN RECEIVER
	-3 DECK CLAMP ASY. AND DRAIN RECEIVER
	-3C DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
	-4 SECONDARY FLASHING CLAMP (-AE ONLY)

	-6 EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
	-10 FIXED EXT. COLLAR, CAST IRON, 4" STD. (SPECIFY HEIGHT)
	-10-20 FIXED EXT. COLLAR, GALVANIZED, 4" STD. (SPECIFY HEIGHT)
X	-16" INTERNAL WATERGUARD (2" THRU 6" OUTLETS ONLY)
	-19 CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
	-20 GALVANIZED CAST IRON PARTS
	-21 GALVANIZED CAST IRON DOME ONLY
	-22 CAST IRON DOME
	-23 ROUGH BRONZE DOME
	-26 ALUMINUM DOME
	-33 STAINLESS STEEL MESH-COVERED DOME
	-66 NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
	-T THREADED OUTLET
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)
	-Z NO-HUB SPIGOT OUTLET

* -16 & -17 CANNOT BE FURNISHED TOGETHER

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

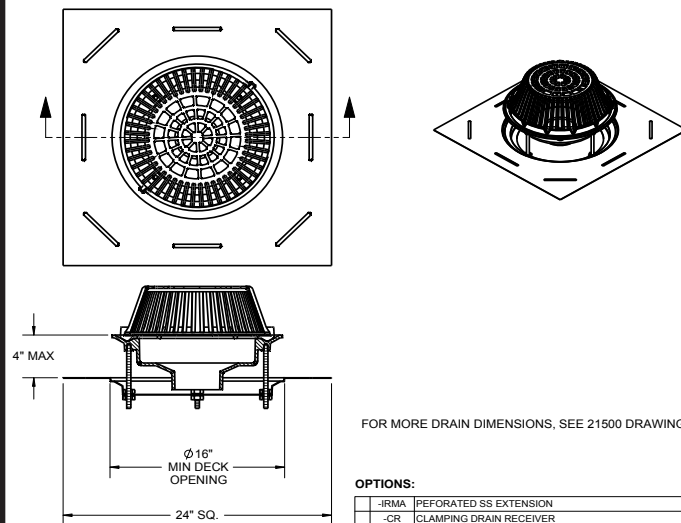
SPECIFICATION:

JOSAM 21500-AER SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING, LARGE SUMP, DRAIN RECEIVER WITH ADJUSTABLE EXTENSION RODS, AND BOTTOM OUTLET.

ROOF DRAIN

WITH
ADJUSTABLE EXTENSION RODS

SERIES **21500-AER**



FOR MORE DRAIN DIMENSIONS, SEE 21500 DRAWING

OPTIONS:

-IRMA	PERFORATED SS EXTENSION
-CR	CLAMPING DRAIN RECEIVER
-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
-16"	INTERNAL WATERGUARD (2" - 6" ONLY)
-17"	2" HIGH SOLID CLAMPING COLLAR
-19	CLAMP COLLAR W/ PERF SS GRAVEL GUARD
-20	GALVANIZED CAST IRON PARTS
-21	GALVANIZED CAST IRON DOME ONLY
-22	CAST IRON DOME
-23	ROUGH BRONZE DOME
-26	ALUMINUM DOME
-33	SS MESH-COVERED DOME
-VP	VANDAL-PROOF DOME

PIPE
SIZE

2"
3"
4"
5"
6"
8"
10" □

OUTLET TYPES:

-T	THREADED
-X	INSIDE CAULK
-Y	HUB WITH GASKET (2", 3", 4" ONLY)
-Z	NO-HUB

□ 10" AVAILABLE IN NO-HUB ONLY

* -16 AND -17 CANNOT BE FURNISHED TOGETHER

DATE OF LAST CHANGE: 12/03/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

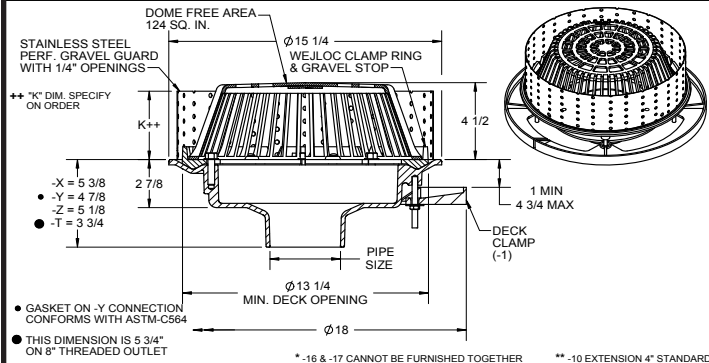
NOTES

SPECIFICATION:

JOSAM 21500-19 SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP AND STAINLESS PERFORATED GRAVEL GUARD, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

LARGE SUMP, STAINLESS GRAVEL GUARD

SERIES **21500-19**

* -16 & -17 CANNOT BE FURNISHED TOGETHER ** -10 EXTENSION 4\"

2\"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
3\"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
4\"	PIPE SIZE	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
5\"	PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
6\"	PIPE SIZE	-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
8\"	PIPE SIZE	-16*	INTERNAL WATERGUARD (2\" THRU 6\" OUTLETS ONLY)
10\"	PIPE SIZE (AVAILABLE IN NO-HUB ONLY)	-17*	2\" HIGH SOLID CLAMPING COLLAR
		X	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
-X	INSIDE CAULK OUTLET	-20	GALVANIZED CAST IRON PARTS
-Y	HUB OUTLET W/GASKET (2\", 3\" & 4\" SIZES ONLY)	-21	GALVANIZED CAST IRON DOME ONLY
-Z	NO-HUB SPIGOT OUTLET	-22	CAST IRON DOME
-T	THREADED OUTLET	-23	ROUGH BRONZE DOME
		-26	ALUMINUM DOME
-AE	THREADED LEVELIZE ADJ. EXT.	-33	STAINLESS STEEL MESH-COVERED DOME
-AER	ADJUSTABLE EXT. USING THREADED RODS	-66	NO-HUB SIDE OUTLET (2\" THRU 6\" OUTLETS ONLY)
-IRMA	PERFORATED STAINLESS STEEL EXT.		
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16\")	-VP	VANDAL-PROOF DOME
-1	DECK CLAMP ASY.		
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16\")		
-2	DRAIN RECEIVER		

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

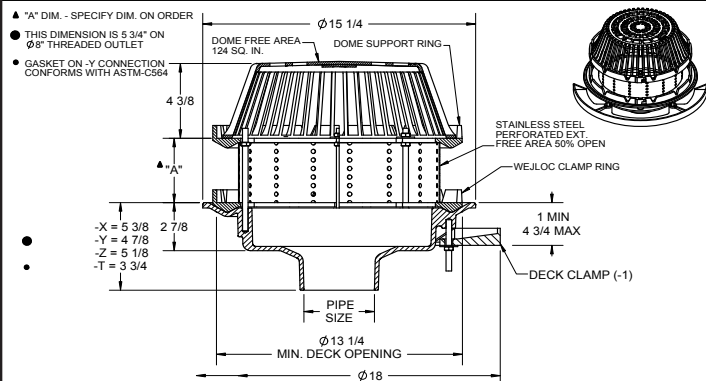
NOTES

SPECIFICATION:

JOSAM 21500-IRMA SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, DOME SUPPORT RING, PERFORATED STAINLESS STEEL EXTENSION FILTER, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

WITH PERF. STAINLESS EXTENSION

SERIES **21500-IRMA**

* -16 & -17 CANNOT BE FURNISHED TOGETHER ** -10 EXTENSION 4\"

2\"	PIPE SIZE	-2	DRAIN RECEIVER
3\"	PIPE SIZE	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
4\"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
5\"	PIPE SIZE	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
6\"	PIPE SIZE	-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT **)
8\"	PIPE SIZE	-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT **)
10\"	PIPE SIZE (AVAILABLE IN NO-HUB ONLY)	-16*	INTERNAL WATERGUARD (2\" THRU 6\" OUTLETS ONLY)
		-17*	2\" HIGH SOLID CLAMPING COLLAR
-X	INSIDE CAULK OUTLET	-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
-Y	HUB OUTLET W/GASKET (2\", 3\" & 4\" SIZES ONLY)	-20	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SPIGOT OUTLET	-21	GALVANIZED CAST IRON DOME ONLY
-T	THREADED OUTLET	-22	CAST IRON DOME
		-23	ROUGH BRONZE DOME
		-26	ALUMINUM DOME
X	IRMA PERFORATED STAINLESS STEEL EXTENSION	-33	STAINLESS STEEL MESH-COVERED DOME
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø16\")	-66	NO-HUB SIDE OUTLET (2\" THRU 6\" OUTLETS ONLY)
-1	DECK CLAMP ASSEMBLY		
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16\")	-VP	VANDAL-PROOF DOME

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

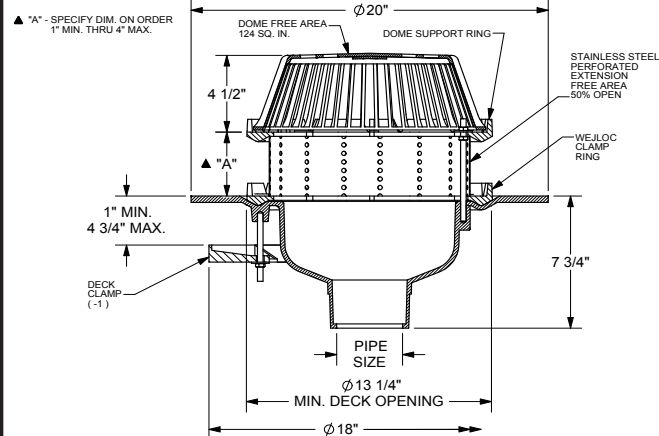
NOTES

SPECIFICATION:

JOSAM 21500-IRMA-6 SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, DOME SUPPORTING RING, PERFORATED STAINLESS STEEL EXTENSION FILTER, WEILOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH EXTRA-WIDE ROOF FLANGE AND BOTTOM OUTLET INSIDE CAULK CONNECTION.

ROOF DRAIN

WITH PERF. STAINLESS EXTENSION

SERIES **21500-IRMA-6**

**-10 EXTENSION 4\" STANDARD

*-16 & -17 CANNOT BE FURNISHED TOGETHER

	2\"	PIPE SIZE		-17*	2\" HIGH SOLID CLAMPING COLLAR
	3\"	PIPE SIZE		-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
	4\"	PIPE SIZE		-20	GALVANIZED CAST IRON PARTS
	5\"	PIPE SIZE		-21	GALVANIZED CAST IRON DOME ONLY
	6\"	PIPE SIZE		-22	CAST IRON DOME
				-23	ROUGH BRONZE DOME
X	-X	INSIDE CAULK OUTLET		-26	ALUMINUM DOME
				-33	STAINLESS STEEL MESH-COVERED DOME
X	-IRMA	PERFORATED STAINLESS STEEL EXTENSION		-66	NO-HUB SIDE OUTLET
	-1	DECK CLAMP ASSEMBLY		-VP	VANDAL-PROOF DOME
X	-6	EXTRA WIDE FLANGE DRAIN BODY			
	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)			
	-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)			
	-16*	INTERNAL WATERGUARD			

DATE OF LAST CHANGE: 5/6/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

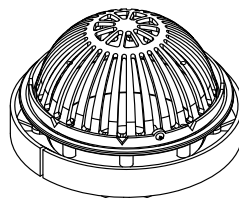
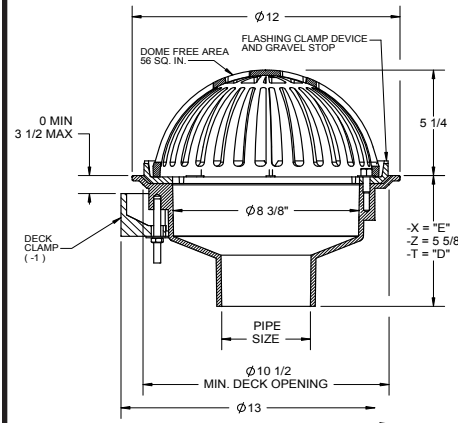
NOTES

SPECIFICATION:

JOSAM 22010 SERIES COATED CAST IRON ROOF DRAIN, MEDIUM BEEHIVE DOME, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, MEDIUM SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

MEDIUM SUMP, BEEHIVE DOME

SERIES **22010**

-X = "E"
-Z = 5 5/8
-T = "D"

PIPE SIZE	"D" DIM.	"E" DIM.
2"	4 3/4"	6 1/4"
3"	4 3/4"	6 1/4"
4"	4 1/2"	6 1/4"
5"	4 3/8"	6"
6"	4"	5 3/4"

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

**-10 EXTENSION 1\" STANDARD

	2\"	PIPE SIZE		-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
	3\"	PIPE SIZE		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
	4\"	PIPE SIZE	▼	-17	2\" HIGH SOLID CLAMPING COLLAR
	5\"	PIPE SIZE	▼	-19	CLAMP COLLAR W/PERF. STAINLESS GRAVEL GUARD
	6\"	PIPE SIZE		-20	GALVANIZED CAST IRON PARTS
				-23	ROUGH BRONZE DOME
	-X	INSIDE CAULK OUTLET		-66	NO-HUB SIDE OUTLET (2\" THRU 6\" OUTLETS ONLY)
	-Z	NO-HUB SPIGOT OUTLET			
	-T	THREADED OUTLET		-VP	VANDAL-PROOF DOME
	-1	DECK CLAMP ASSEMBLY			
	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16.5\")			
	-2	DRAIN RECEIVER			
	-3	DECK CLAMP ASY. AND DRAIN RECEIVER			
	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS			

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

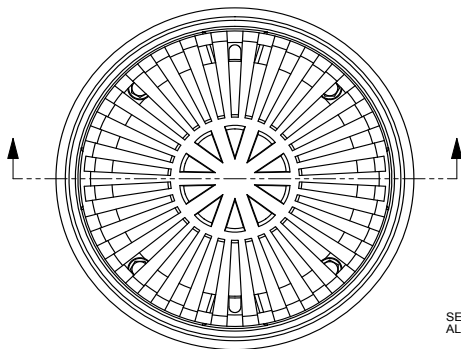
SPECIFICATION:

JOSAM 22010-17 SERIES COATED CAST IRON ROOF DRAIN, MEDIUM BEEHIVE DOME, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, MEDIUM SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

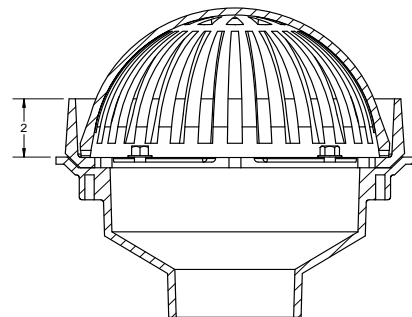
ROOF DRAIN

MEDIUM SUMP, BEEHIVE DOME

SERIES **22010-17**



SEE 22010 SUBMITTAL FOR ALL OTHER DIMENSIONS.



DATE OF LAST CHANGE: 5/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

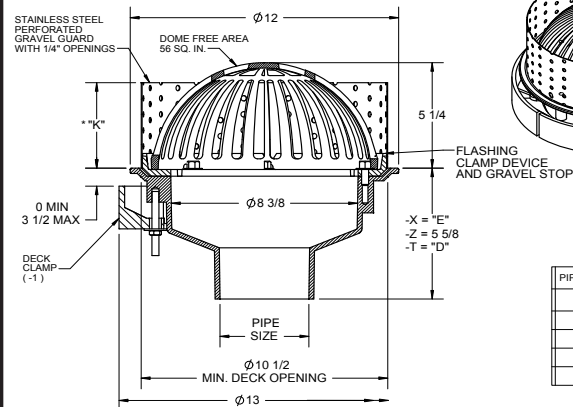
SPECIFICATION:

JOSAM 22010-19 SERIES COATED CAST IRON ROOF DRAIN, MEDIUM BEEHIVE DOME, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP AND STAINLESS PERFORATED GRAVEL GUARD, MEDIUM SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

MEDIUM SUMP, BEEHIVE DOME,
STAINLESS GRAVEL GUARD

SERIES **22010-19**



PIPE SIZE	"D" DIM.	"E" DIM
2"	4 3/4"	6 1/4"
3"	4 3/4"	6 1/4"
4"	4 1/2"	6 1/4"
5"	4 3/8"	6"
6"	4"	5 3/4"

* "K" DIM. SPECIFY ON ORDER - MAX. 4"

** -10 EXTENSION 1" STANDARD

2"	PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
3"	PIPE SIZE	-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
4"	PIPE SIZE	-17	2" HIGH SOLID CLAMPING COLLAR
5"	PIPE SIZE	-19	CLAMP COLLAR WITH PERF. STAINLESS GRAVEL GUARD
6"	PIPE SIZE	-20	GALVANIZED CAST IRON PARTS
		-21	GALVANIZED CAST IRON DOME ONLY
-X	INSIDE CAULK OUTLET	-23	ROUGH BRONZE DOME
-Z	NO-HUB SPIGOT OUTLET	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-T	THREADED OUTLET		
		-VP	VANDAL-PROOF DOME
-1	DECK CLAMP ASSEMBLY		
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø16.5")		
-2	DRAIN RECEIVER		
-3	DECK CLAMP ASY. AND DRAIN RECEIVER		
-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS		

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

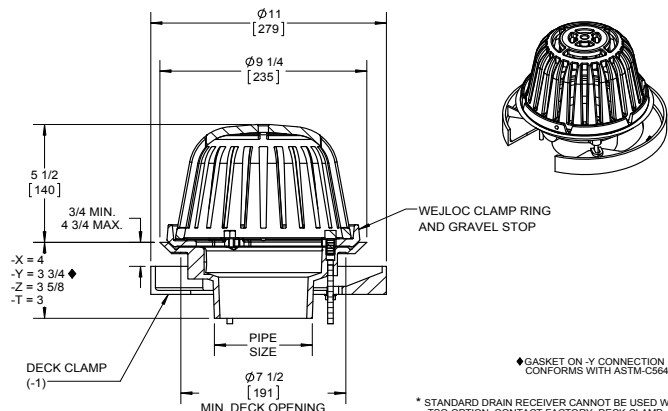
SPECIFICATION:

JOSAM 22080 SERIES COATED CAST IRON ROOF DRAIN, BEEHIVE DOME, WEJLOC® NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, SMALL SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN SMALL SUMP, HIGH DOME

SERIES **22080**

DOME FREE AREA: 37.6 SQ. IN.



* STANDARD DRAIN RECEIVER CANNOT BE USED WITH -TSO OPTION. CONTACT FACTORY. DECK CLAMP CANNOT BE USED WITH -TSO OPTION IN 4" SIZE.

** -10 EXTENSION 1" STANDARD

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	2"	PIPE SIZE		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
	3"	PIPE SIZE	▼	-17	2" HIGH SOLID CLAMPING COLLAR
	4"	PIPE SIZE		-20	GALVANIZED CAST IRON PARTS
				-21	GALVANIZED CAST IRON DOME ONLY
	-X	INSIDE CAULK OUTLET		-23	ROUGH BRONZE DOME
	-Y	HUB OUTLET WITH GASKET		-33	SS MESH-COVERED DOME
	-Z	NO-HUB SPIGOT OUTLET		-TSO*	THREADED SIDE OUTLET
	-T	THREADED OUTLET			
				-VP	VANDAL-PROOF DOME
	-1	DECK CLAMP ASSEMBLY			
	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16.5")			
	-2	DRAIN RECEIVER			
	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER			
	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS			
	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)			

DATE OF LAST CHANGE: 04/28/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

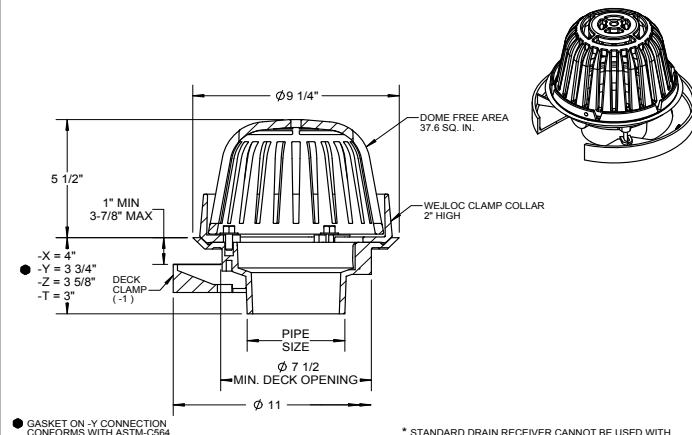
NOTES

SPECIFICATION:

JOSAM 22080-17 SERIES COATED CAST IRON ROOF DRAIN, BEEHIVE DOME, WEJLOC® 2" HIGH NON-PUNCTURING CLAMP COLLAR, SMALL SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN SMALL SUMP, HIGH DOME, 2" CLAMP COLLAR

SERIES **22080-17**



* STANDARD DRAIN RECEIVER CANNOT BE USED WITH -TSO OPTION. CONTACT FACTORY. DECK CLAMP CANNOT BE USED WITH -TSO OPTION IN 4" SIZE.

** -10 EXTENSION 1" STANDARD

	2"	PIPE SIZE		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
	3"	PIPE SIZE	X	-17	2" HIGH SOLID CLAMPING COLLAR
	4"	PIPE SIZE		-20	GALVANIZED CAST IRON PARTS
				-21	GALVANIZED CAST IRON DOME ONLY
	-X	INSIDE CAULK OUTLET		-23	ROUGH BRONZE DOME
	-Y	HUB OUTLET WITH GASKET		-33	SS MESH-COVERED DOME
	-Z	NO-HUB SPIGOT OUTLET		-TSO*	THREADED SIDE OUTLET
	-T	THREADED OUTLET			
				-VP	VANDAL-PROOF DOME
	-1	DECK CLAMP ASSEMBLY			
	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16.5")			
	-2	DRAIN RECEIVER			
	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER			
	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS			
	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)			

DATE OF LAST CHANGE: 08/27/14

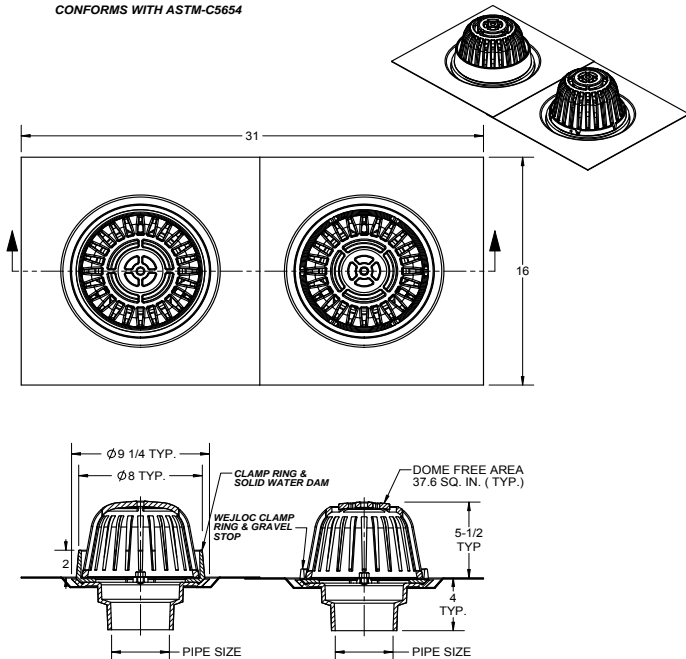
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 22080-Q5 COMBINATION ROOF DRAIN AND OVERFLOW. CONSISTS OF SMALL SUMP ROOF DRAIN WITH CAST IRON BEEHIVE DOME, SMALL SUMP OVERFLOW DRAIN WITH CAST IRON BEEHIVE DOME, SOLID WATER DAM AND ONE PIECE GALVANIZED STEEL DRAIN RECEIVER.

**ROOF DRAIN
PRIMARY & OVERFLOW
COMBINATION**
SERIES 22080-Q5
CONFORMS WITH ASTM-C564


2"	PIPE SIZE	22082-Q5	-PVC	PVC SMALL SUMP BODY
3"	PIPE SIZE	22083-Q5		
4"	PIPE SIZE	22084-Q5		

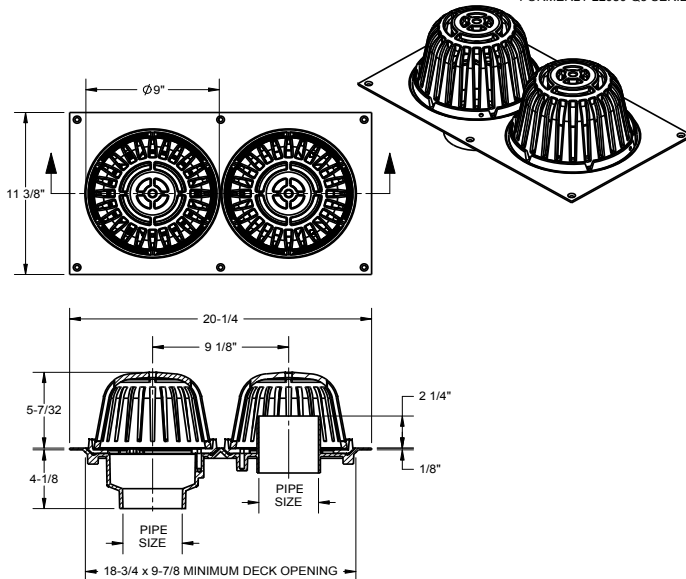
DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES
SPECIFICATION:

JOSAM 22100 SERIES COATED CAST IRON COMBINATION ROOF DRAIN AND OVERFLOW DRAIN WITH CAST IRON DOMES, WEJLOC® NON-PUNCTURING CLAMP RINGS WITH INTEGRAL GRAVEL STOPS, INTEGRAL CAST IRON STANDPIPE IN CAST IRON DECK FLANGE AND DUAL NO-HUB BOTTOM OUTLETS.

ROOF DRAIN
COMBINATION DRAIN/OVERFLOW
SERIES 22100
FORMERLY 22080-Q5 SERIES

**** -10 EXTENSION 1" STANDARD**

2"	PIPE SIZE	-20	GALVANIZED CAST IRON PARTS
3"	PIPE SIZE	-23	ROUGH BRONZE DOME
4"	PIPE SIZE	-33	STAINLESS MESH SCREEN COVERED DOME
-1	DECK CLAMP ASSEMBLY	-IRMA	PERFORATED STAINLESS STEEL EXTENSION
-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT **)	-VP	SECURED DOME
-19	CLAMP COLLAR W/PERF. STAINLESS STEEL GRAVEL GUARD	-21	GALVANIZED CAST IRON DOME ONLY

DATE OF LAST CHANGE: 11/11/2014

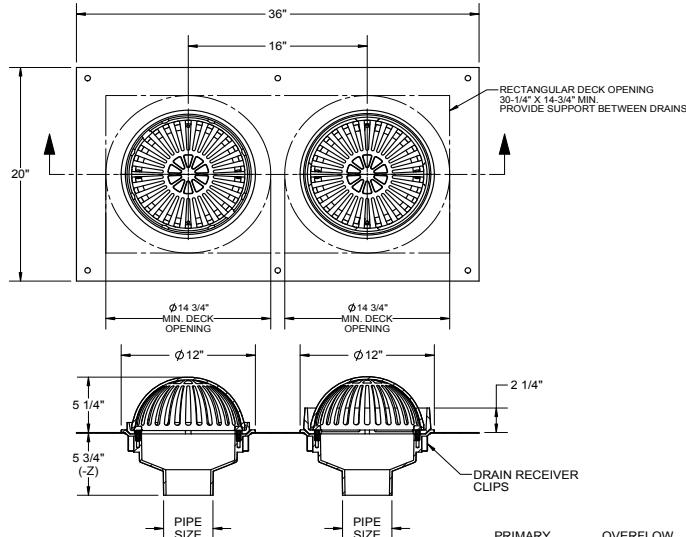
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 22200 SERIES COATED CAST IRON 12" DIAMETER COMBINATION ROOF DRAIN AND OVERFLOW DRAIN, ONE WEJLOC NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP AND CAST IRON DOME, ONE NON-PUNCTURING CLAMP RING WITH SOLID WATER GUARD AND CAST IRON DOME.

**ROOF DRAIN
COMBINATION
DRAIN/OVERFLOW**
SERIES 22200
**OPTIONS:**

-10	FIXED EXT. COLLARS (SPECIFY HT.**)
-19	CLAMP COLLAR WITH PERF. SS GRAVEL GUARD
-20	GALVANIZED CAST IRON PARTS
-23	ROUGH BRONZE DOMES
-33	STAINLESS STEEL MESH-COVERED DOMES
-VP	VANDAL-PROOF DOMES
-IRMA	PERFORATED STAINLESS STEEL EXTENSIONS
-T*	THREADED OUTLET
-X*	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

*BODY HEIGHT VARIES BY OUTLET SIZE - SEE 222010 FOR DIMENSIONS

PRIMARY DRAIN OVERFLOW DRAIN

PIPE SIZE	PIPE SIZE
2"	2"
3"	3"
4"	4"
5"	5"
6"	6"

** -10 EXTENSIONS 1" STANDARD

DATE OF LAST CHANGE: 4/23/15

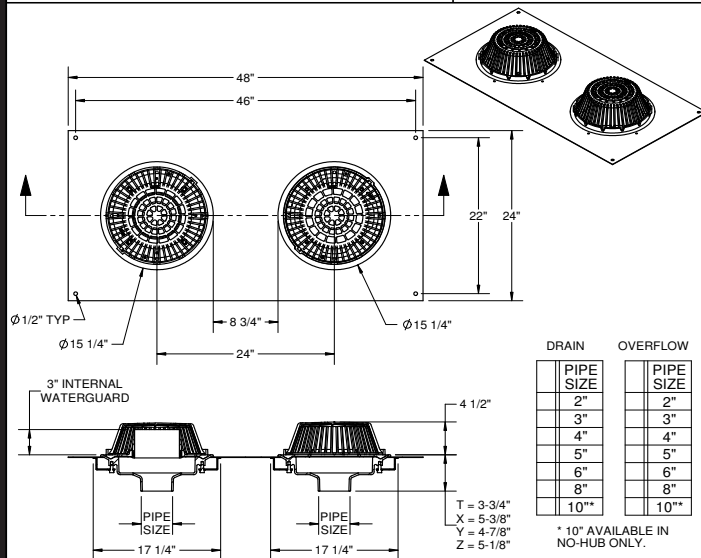
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 22500 SERIES COATED CAST IRON 15" DIAMETER COMBINATION ROOF DRAIN AND OVERFLOW DRAIN, ONE (1) WEJLOC NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, ONE (1) WEJLOC NON-PUNCTURING CLAMP RING WITH INTERNAL WATER GUARD, DOUBLE DRAIN RECEIVER AND CLIPS, AND TWO (2) LARGE POLYPROPYLENE LOCKING DOMES.

**ROOF DRAIN
COMBINATION DRAIN/OVERFLOW**
SERIES 22500


DRAIN	PIPE SIZE	OVERFLOW	PIPE SIZE
	2"		2"
	3"		3"
	4"		4"
	5"		5"
	6"		6"
	8"		8"
	10"		10"

* 10" AVAILABLE IN NO-HUB ONLY.

-10	FIXED EXT. COLLARS, CAST IRON (SPECIFY HT.**)
-19	CLAMP COLLAR WITH PERF. SS GRAVEL GUARD
-20	GALVANIZED CAST IRON PARTS
-21	GALVANIZED CAST IRON DOMES ONLY
-22	CAST IRON DOMES
-23	ROUGH BRONZE DOMES
-26	ALUMINUM DOMES
-33	STAINLESS STEEL MESH-COVERED DOMES

** -10 EXTENSIONS 4" STANDARD

-SC	SOLID TOP COVER ON OVERFLOW DOME (-22 ONLY)
-VP	VANDAL-PROOF DOMES
-IRMA	PERFORATED STAINLESS STEEL EXTENSIONS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET (2", 3" & 4" SIZES ONLY)
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/25/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

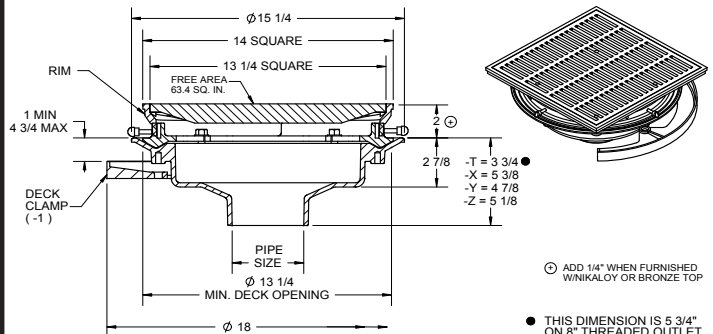
NOTES

SPECIFICATION:

JOSAM 23500 SERIES COATED CAST IRON ROOF DRAIN, SQUARE PEDESTRIAN GRATE SET IN SQUARE FRAME, WEJLOCO® NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

**ROOF DRAIN
LARGE SUMP**

SERIES **23500**



⊕ ADD 1/4" WHEN FURNISHED W/NIKALOY OR BRONZE TOP

● THIS DIMENSION IS 5 3/4" ON 8" THREADED OUTLET

● GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

** -10 EXTENSION 4" STANDARD

2"	PIPE SIZE	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 16")
3"	PIPE SIZE	-2	DRAIN RECEIVER
4"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
5"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
6"	PIPE SIZE	-4	SECONDARY FLASHING CLAMP (-AE ONLY)
8"	PIPE SIZE	▼ -6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
10"	PIPE SIZE (AVAILABLE IN NO-HUB ONLY)	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
-T	THREADED OUTLET	▼ -18	EXTRA-DEEP SUMP
-X	INSIDE CAULK OUTLET	-20	GALVANIZED CAST IRON PARTS
-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)	-36	DUCTILE IRON GRATE
-Z	NO-HUB SPIGOT OUTLET	-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
		-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
▼ -AE	THREADED LEVELEZE® ADJ. EXT.	-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
▼ -IRMA	PERFORATED STAINLESS STEEL EXTENSION	-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING ϕ 16")	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-PG	PARKING GRATE - 110 SQ. IN. F.A. (DUCTILE IRON ONLY)		
-1	DECK CLAMP ASSEMBLY	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 23500-6 SERIES COATED CAST IRON ROOF DRAIN, SQUARE PEDESTRIAN GRATE IN SQUARE SECURED FRAME, WEJLOCO® NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, LARGE SUMP WITH EXTRA-WIDE ROOF FLANGE AND BOTTOM OUTLET.

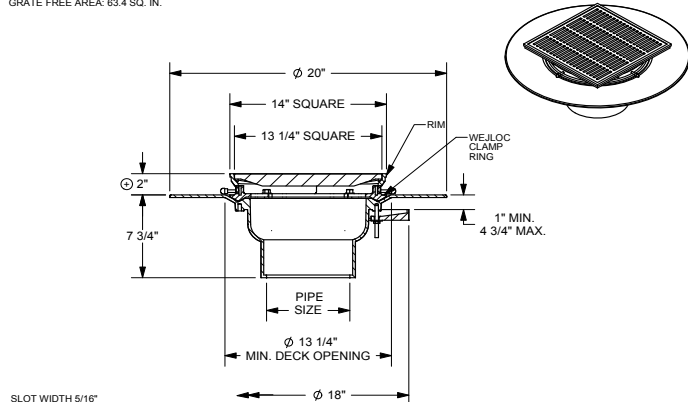
ROOF DRAIN

EXTRA-DEEP SUMP, EXTRA-WIDE FLANGE

SERIES **23500-6**

⊕ ADD 1/4" WHEN FURNISHED W/NIKALOY OR BRONZE TOP

GRATE FREE AREA: 63.4 SQ. IN.



SLOT WIDTH 5/16" (-50 & -51 SLOT WIDTH 1/4")

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

** -10 EXTENSION 4" STANDARD

2"	PIPE SIZE - INSIDE CAULK OUTLET		
3"	PIPE SIZE - INSIDE CAULK OUTLET	-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT **)
4"	PIPE SIZE - INSIDE CAULK OUTLET	-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT **)
5"	PIPE SIZE - INSIDE CAULK OUTLET		
6"	PIPE SIZE - INSIDE CAULK OUTLET	-20	GALVANIZED CAST IRON PARTS
8"	PIPE SIZE - NO-HUB OUTLET	-36	DUCTILE IRON GRATE
10"	PIPE SIZE - NO-HUB OUTLET	-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
		-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
▼ -AE	THREADED LEVELEZE® ADJ. EXT.	-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
▼ -IRMA	PERFORATED STAINLESS STEEL EXTENSION	-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-PG	PARKING GRATE - 110 SQ. IN. F.A. (DUCTILE IRON ONLY)	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-1	DECK CLAMP ASSEMBLY	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
X ▼ -6	EXTRA WIDE FLANGE DRAIN BODY		

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 23500-AE SERIES COATED CAST IRON LEVELEZE® ROOF DRAIN, SQUARE PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, WEJLOC® NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, BOLTED SUPPORT RING, ADJUSTABLE TOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

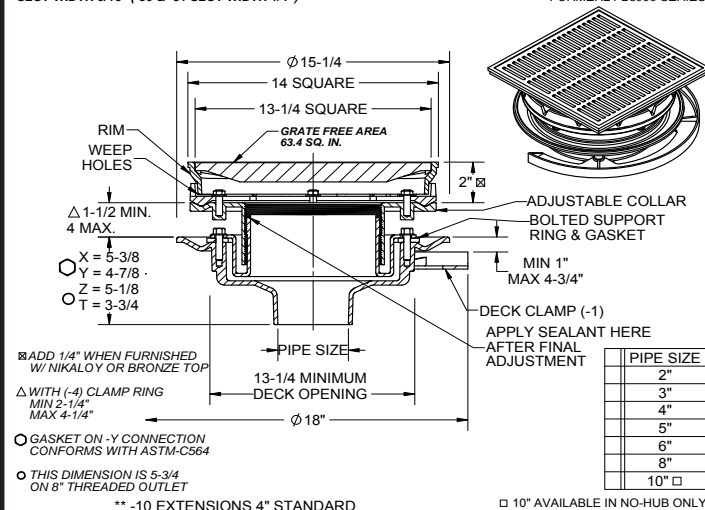
ROOF DRAIN

WITH LEVELEZE® ADJUSTABLE EXTENSION

SERIES **23500-AE**

FORMERLY 23000 SERIES

SLOT WIDTH 5/16" (-50 & -51 SLOT WIDTH 1/4")



X	-AE	THREADED LEVELEZE ADJ. EXT.	-18	EXTRA-DEEP SUMP
	-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø 16")	-20	GALVANIZED CAST IRON PARTS
	-IRMA	PERFORATED STAINLESS STEEL EXTENSION	-36	DUCTILE IRON GRATE
	-PG	PARKING GRATE - 110 SQ. IN. F. A. (DUCTILE IRON ONLY)	-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
	-1	DECK CLAMP ASSEMBLY	-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16")	-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
	-2	DRAIN RECEIVER	-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
	-4	SECONDARY FLASHING CLAMP	-T	THREADED OUTLET
	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)	-X	INSIDE CAULK OUTLET
	-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT)**	-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
	-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT)**	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

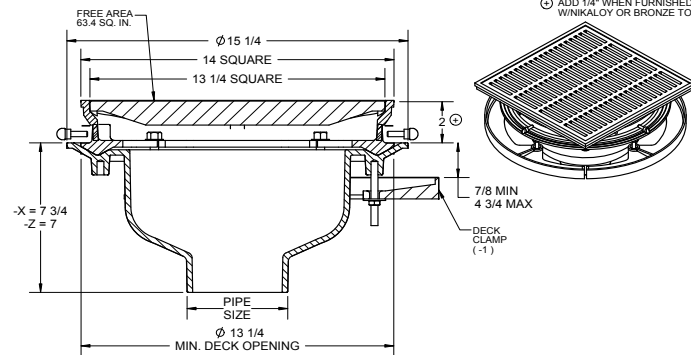
SPECIFICATION:

JOSAM 23500-18 SERIES COATED CAST IRON ROOF DRAIN, SQUARE PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, WEJLOC® NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, DEEP SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

**ROOF DRAIN
EXTRA-DEEP SUMP**

SERIES **23500-18**

○ ADD 1/4" WHEN FURNISHED W/ NIKALOY OR BRONZE TOP



SLOT WIDTH 5/16" (-50 & -51 SLOT WIDTH 1/4")

** -10 EXTENSION 4" STANDARD

2"	PIPE SIZE		-2	DRAIN RECEIVER
3"	PIPE SIZE		-3	DECK CLAMP ASY. AND DRAIN RECEIVER
4"	PIPE SIZE		-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
5"	PIPE SIZE		-4	SECONDARY FLASHING CLAMP (-AE ONLY)
6"	PIPE SIZE		-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
			-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
-X	INSIDE CAULK OUTLET	X	-18	EXTRA-DEEP SUMP
-Z	NO-HUB SPIGOT OUTLET		-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
			-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
-AE	THREADED LEVELEZE ADJ. EXT.		-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
-IRMA	PERFORATED STAINLESS STEEL EXTENSION		-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø 16")		-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-PG	PARKING GRATE - 110 SQ. IN. FREE AREA		-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
			-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-1	DECK CLAMP ASSEMBLY			
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16")			

DATE OF LAST CHANGE: 5/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

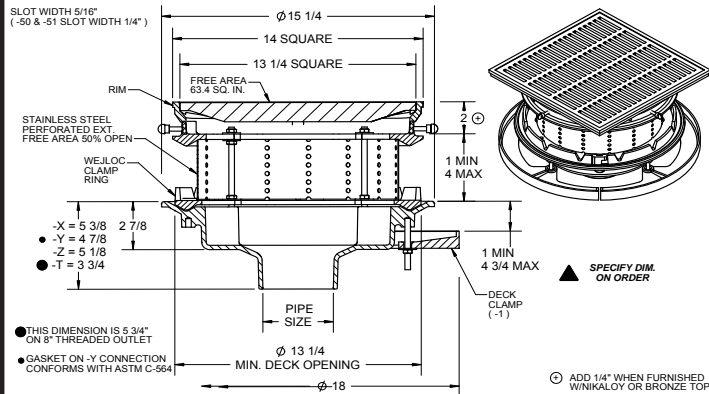
NOTES

SPECIFICATION:

JOSAM 23500-IRMA SERIES COATED CAST IRON ROOF DRAIN, SQUARE PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, FRAME SUPPORT COLLAR, PERFORATED STAINLESS STEEL EXTENSION FILTER, WEJLOC® NON-PUNCTURING FLASHING COLLAR, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

W/PERFORATED STAINLESS STEEL EXTENSION

SERIES **23500-IRMA**

SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

2"	PIPE SIZE	-1	DECK CLAMP ASY.
3"	PIPE SIZE	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16")
4"	PIPE SIZE	-2	DRAIN RECEIVER
5"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
6"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
8"	PIPE SIZE	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
10"	PIPE SIZE (AVAILABLE IN NO-HUB ONLY)	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
-X	INSIDE CAULK OUTLET	-18	EXTRA-DEEP SUMP
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)	-20	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SPIGOT OUTLET	-36	DUCTILE IRON GRATE
-T	THREADED OUTLET	-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
		-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
-AE	THREADED LEVELEZE® ADJ. EXT.	-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
X-IRMA	PERFORATED STAINLESS STEEL EXTENSION	-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø 16")	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-PG	PARKING GRATE - 110 SQ. IN. F. A. (DUCTILE IRON ONLY)		
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

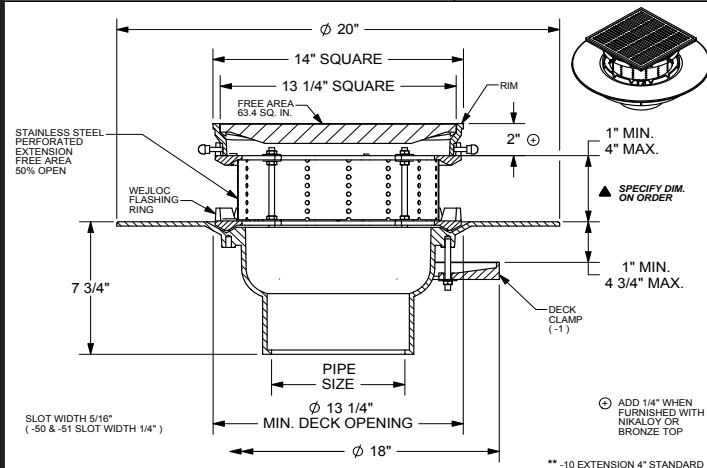
NOTES

SPECIFICATION:

JOSAM 23500-IRMA-6 SERIES COATED CAST IRON ROOF DRAIN, SQUARE PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, FRAME SUPPORT COLLAR, PERFORATED STAINLESS STEEL EXTENSION FILTER, WEJLOC® NON-PUNCTURING FLASHING COLLAR, LARGE SUMP WITH EXTRA-WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

W/PERFORATED STAINLESS STEEL EXTENSION

SERIES **23500-IRMA-6**

2"	PIPE SIZE	-2	DRAIN RECEIVER
3"	PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
4"	PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
5"	PIPE SIZE	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
6"	PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
		-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
X-X	INSIDE CAULK OUTLET	-37-50	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, NIKALOY
		-37-51	HVY-DUTY DUCTILE UNDERGRATE LAMINATED TOP, BRONZE
-AE	THREADED LEVELEZE® ADJ. EXT.	-50	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
X-IRMA	PERFORATED STAINLESS STEEL EXT.	-51	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø 16")	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-PG	PARKING GRATE - 110 SQ. IN. F. A. (DUCTILE IRON ONLY)	-36	DUCTILE IRON GRATE
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-1	DECK CLAMP ASY.		
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16")		

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

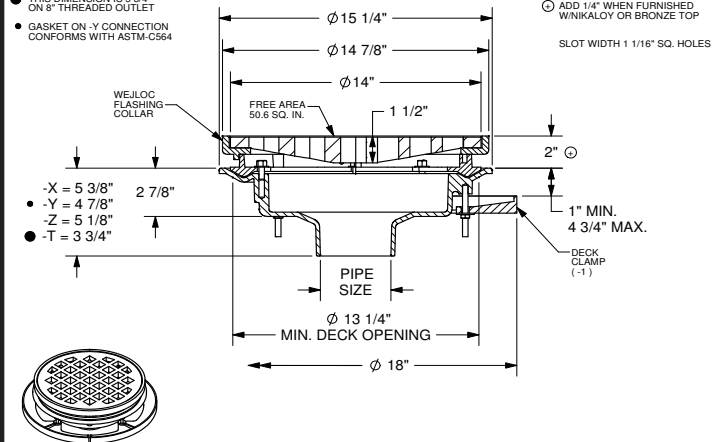
JOSAM 23510 SERIES COATED CAST IRON ROOF DRAIN, ROUND EXTRA-HEAVY DUTY GRATE SET IN ROUND SECURED FRAME, WEJLOC® NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

EXTRA-HEAVY DUTY PARKING GRATE

SERIES **23510**

- THIS DIMENSION IS 5 3/4" ON 8" THREADED OUTLET
- GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564



Ⓒ ADD 1/4" WHEN FURNISHED W/NIKALOY OR BRONZE TOP
SLOT WIDTH 1 1/16" SQ. HOLES

** -10 EXTENSION 4" STANDARD

2" PIPE SIZE	-1	DECK CLAMP ASY.
3" PIPE SIZE	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 16")
4" PIPE SIZE	-2	DRAIN RECEIVER
5" PIPE SIZE	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
6" PIPE SIZE	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
8" PIPE SIZE	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HEIGHT **)
10" PIPE SIZE (NO-HUB ONLY)	-10-20	FIXED EXT. COLLAR, GALVANIZED (SPECIFY HEIGHT **)
-X INSIDE CAULK OUTLET	-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
-Y HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)	-50	SATIN FINISH NIKALOY TOP
-Z NO-HUB SPIGOT OUTLET	-51	SATIN FINISH BRONZE TOP
-T THREADED OUTLET	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-CR CLAMPING DRAIN RECEIVER (MIN. DECK OPENING ϕ 16")		

DATE OF LAST CHANGE: 3/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 23710 SERIES COATED CAST IRON ROOF DRAIN, ROUND PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR ROOF FILL, MEDIUM SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

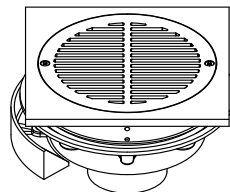
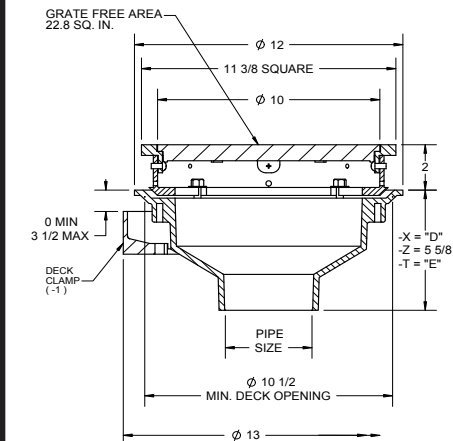
ROOF DRAIN

MEDIUM SUMP, PROMENADE TOP

SERIES **23710**

THIS DRAIN IS COMPLIANT WITH THE ANSI/ASME STANDARD A112.6.3-2001 FOR HEEL-RESISTANT STRAINERS AND THE MAXIMUM GRATE SLOT SIZE BE 5/16" (8mm)

SLOT WIDTH 1/4"



** -12 EXTENSION 1" STANDARD

2" PIPE SIZE [DIM "D" = 4 3/4", DIM "E" = 6 1/4"]	-1	DECK CLAMP ASY.
3" PIPE SIZE [DIM "D" = 4 3/4", DIM "E" = 6 1/4"]	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 13.75")
4" PIPE SIZE [DIM "D" = 4 1/2", DIM "E" = 6 1/4"]	-2	DRAIN RECEIVER
5" PIPE SIZE [DIM "D" = 4 3/8", DIM "E" = 6"]	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
6" PIPE SIZE [DIM "D" = 4", DIM "E" = 5 3/4"]	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
-X INSIDE CAULK OUTLET	-12	EXTENSION FLASHING COLLAR, CAST IRON (SPECIFY HEIGHT **)
-Z NO-HUB SPIGOT OUTLET	-20	GALVANIZED CAST IRON PARTS
-T THREADED OUTLET	-50	SATIN FINISH NIKALOY TOP
	-51	SATIN FINISH BRONZE TOP
	-66	NO-HUB SIDE OUTLET
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

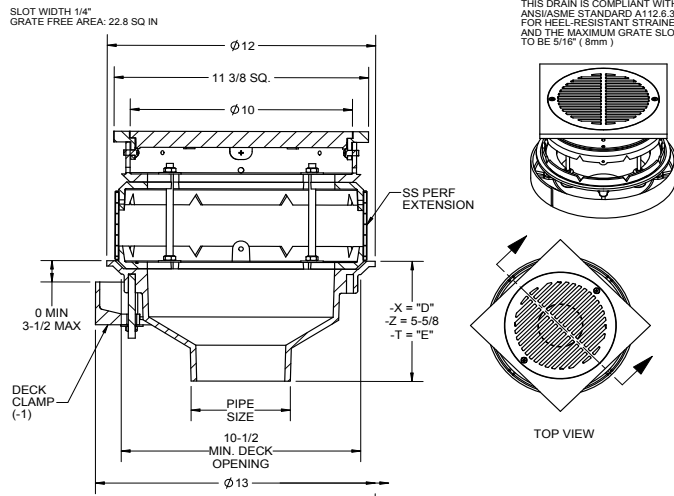
JOSAM 23710-IRMA SERIES COATED CAST IRON ROOF DRAIN, ROUND PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR ROOF FILL, MEDIUM SUMP WITH WIDE ROOF FLANGE, BOTTOM OUTLET, AND PERFORATED IRMA EXTENSION

ROOF DRAIN

MEDIUM SUMP, PROMENADE TOP
WITH SS PERF EXTENSION

SERIES **23710-IRMA**

THIS DRAIN IS COMPLIANT WITH THE
ANSI/ASME STANDARD A112.6.3-2001
FOR HEEL-RESISTANT STRAINERS
AND THE MAXIMUM GRATE SLOT SIZE
TO BE 5/16" (8mm)



** -12 EXTENSION 1" STANDARD

2"	PIPE SIZE [DIM "D" = 4 3/4", DIM "E" = 6 1/4"]	-1	DECK CLAMP ASY.
3"	PIPE SIZE [DIM "D" = 4 3/4", DIM "E" = 6 1/4"]	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 13.75")
4"	PIPE SIZE [DIM "D" = 4 1/2", DIM "E" = 6 1/4"]	-2	DRAIN RECEIVER
5"	PIPE SIZE [DIM "D" = 4 3/8", DIM "E" = 6"]	-3	DECK CLAMP ASY. AND DRAIN RECEIVER
6"	PIPE SIZE [DIM "D" = 4", DIM "E" = 5 3/4"]	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
		-12	EXTENSION FLASHING COLLAR, CAST IRON (SPECIFY HEIGHT **)
-X	INSIDE CAULK OUTLET	-20	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SPIGOT OUTLET	-50	SATIN FINISH NIKALOY TOP
-T	THREADED OUTLET	-51	SATIN FINISH BRONZE TOP
		-66	NO-HUB SIDE OUTLET
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 23730 SERIES COATED CAST IRON ROOF DRAIN, ROUND PEDESTRIAN GRATE SET IN SQUARE SECURED FRAME, NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES FOR 2" ROOF FILL, SMALL SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

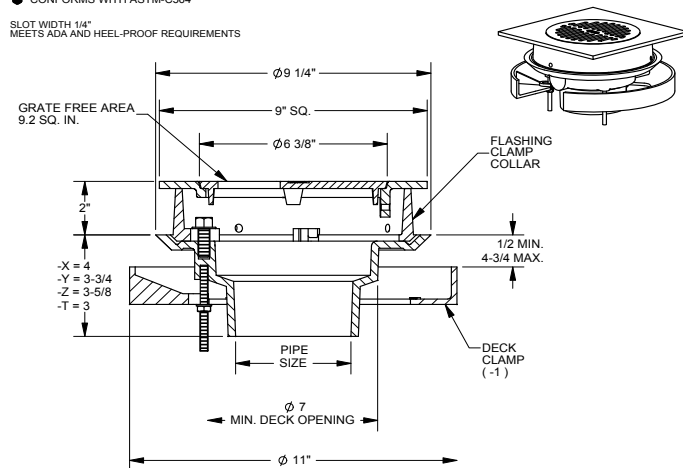
ROOF DRAIN

SMALL SUMP. PROMENADE TOP

SERIES **23730**

● CONFORMS WITH ASTM-C564

SLOT WIDTH 1/4"
MEETS ADA AND HEEL-PROOF REQUIREMENTS



*-TSO BODY CANNOT BE USED WITH DRAIN RECEIVER (-2, -3 & -3C)

** -12 EXTENSION 1" STANDARD

	2"	PIPE SIZE		-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 10.5")
	3"	PIPE SIZE		-2	DRAIN RECEIVER
	4"	PIPE SIZE		-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
				-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
	-X	THREADED OUTLET		-12	EXTENSION FLASHING COLLAR, CAST IRON (SPECIFY HEIGHT **)
	-T	INSIDE CAULK OUTLET		-12-20	EXTENSION FLASHING COLLAR, GALVANIZED (SPECIFY HEIGHT **)
	-Y	HUB OUTLET WITH GASKET		-20	GALVANIZED CAST IRON PARTS
	-Z	NO-HUB SPIGOT OUTLET		-50	SATIN FINISH NIKALOY TOP
	-81	BUCKET		-50TP	PRIMER TAP
	-TSO*	THREADED SIDE OUTLET		-51	SATIN FINISH BRONZE TOP
	-1	DECK CLAMP ASSEMBLY		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 11/06/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

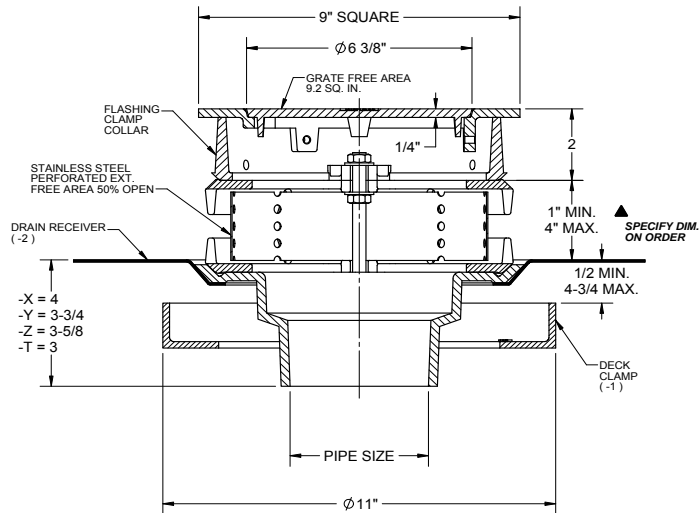
NOTES

SPECIFICATION:

JOSAM SERIES 23730-IRMA COATED CAST IRON ROOF DRAIN, ROUND PEDESTRIAN GRATE SET IN SQUARE FRAME, PERFORATED STAINLESS STEEL EXTENSION FILTER, WEJLOC® NON-PUNCTURING FLASHING COLLAR WITH WEEP HOLES, SMALL SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

**ROOF DRAINS
PROMENADE TOP**
SERIES 23730-IRMA
CONFORMS WITH ASTM - C564

SLOT WIDTH 1/4"
MEETS ADA AND HEEL-PROOF REQUIREMENTS



DATE OF LAST CHANGE: 12/11/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

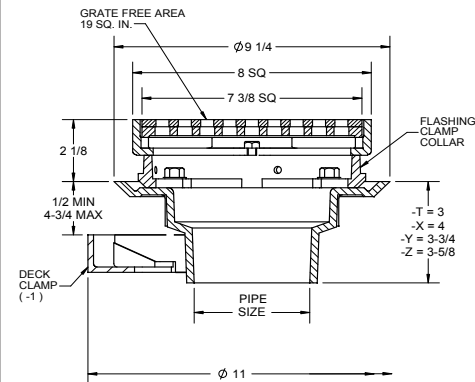
NOTES

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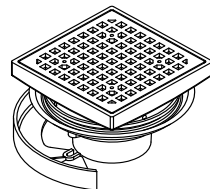
JOSAM 23740 SERIES COATED CAST IRON ROOF DRAIN, SQUARE HEAVY-DUTY DUCTILE IRON UNDERGRATE WITH NIKALOY TOP SET IN SQUARE SECURED FRAME, NON-PUNCTURING FLASHING COLLAR WITH WEEP HOLES FOR 2\"/>

**ROOF DRAIN
HEAVY-DUTY, PROMENADE TOP**
SERIES 23740

- CONFORMS WITH
ASTM-C564



SLOT WIDTH 7/16\"/>



* -TSO BODY CANNOT BE USED WITH DRAIN RECEIVER (-2, -3 & -3C)

** -12 EXTENSION 1\"/>

2"	PIPE SIZE	-1	DECK CLAMP ASSEMBLY
3"	PIPE SIZE	-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING ϕ 10.25")
4"	PIPE SIZE	-2	DRAIN RECEIVER
		-3	DECK CLAMP ASY. AND DRAIN RECEIVER
-T	THREADED OUTLET	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
-X	INSIDE CAULK OUTLET	-12	EXT. FLASHING COLLAR, CAST IRON (SPECIFY HEIGHT **)
-Y	HUB OUTLET WITH GASKET	-51	SATIN FINISH BRONZE TOP
-Z	NO-HUB SPIGOT OUTLET		
-TSO*	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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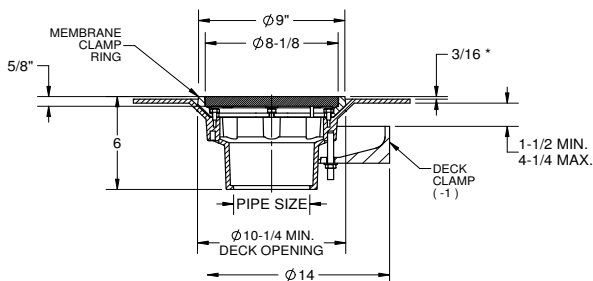
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

JOSAM SERIES 24020 COATED CAST IRON SUPER-FLO® ROOF DRAIN, ROUND MEDIUM-DUTY ANTI-TILTING GRATE WITH PERIMETER DRAINAGE SLOTS, SET IN ROUND NON-PUNCTURING MEMBRANE CLAMP RING, MEDIUM SUMP WITH WIDE DECK FLANGE AND BOTTOM INSIDE CAULK OUTLET CONNECTION.

SERIES **24020**

* ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRASS TOP



	2"	PIPE SIZE		-31	CHAIN ANCHORED GRATE
	3"	PIPE SIZE		-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
	4"	PIPE SIZE		-38	LESS GRATE
				-50	SATIN FINISH NIKALOY TOP
	-1	DECK CLAMP ASSEMBLY		-51	SATIN FINISH BRONZE TOP
	-20	GALVANIZED CAST IRON PARTS		HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ. IN FREE AREA
	-29	SEDIMENT BUCKET, CAST IRON		-VP	SECURED GRATE
	-29-20	SEDIMENT BUCKET, GALVANIZED			
			X	-X	INSIDE CAULK OUTLET

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

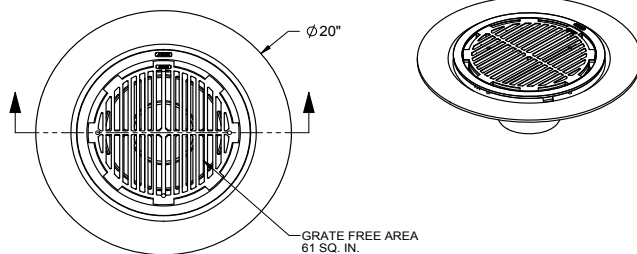
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

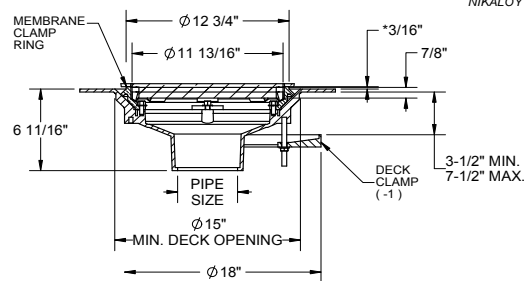
JOSAM SERIES 24030 COATED CAST IRON SUPER-FLO® ROOF DRAIN,
ROUND MEDIUM-DUTY ANTI-TILTING GRATE WITH PERIMETER SLOTS,
SET IN ROUND NON-PUNCTURING MEMBRANE CLAMP RING, LARGE
SUMP WITH WIDE DECK FLANGE AND BOTTOM INSIDE CAULK
OUTLET CONNECTION.

SERIES **24030**

SLOT WIDTH 9/16 (-50 & -51 SLOT WIDTH 7/16)



* ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRASS TOP



	4"	PIPE SIZE		-31	CHAIN ANCHORED GRATE
	5"	PIPE SIZE		-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
	6"	PIPE SIZE		-50	SATIN FINISH NIKALOY TOP
	8"	PIPE SIZE		-51	SATIN FINISH BRONZE TOP
				-HP	HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ. IN. FREE AREA
	-1	DECK CLAMP ASSEMBLY		-VP	SECURED GRATE
	-20	GALVANIZED CAST IRON PARTS			
	-29	SEDIMENT BUCKET, CAST IRON	X	-X	INSIDE CAULK OUTLET
	-20-29	SEDIMENT BUCKET, GALVANIZED			

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

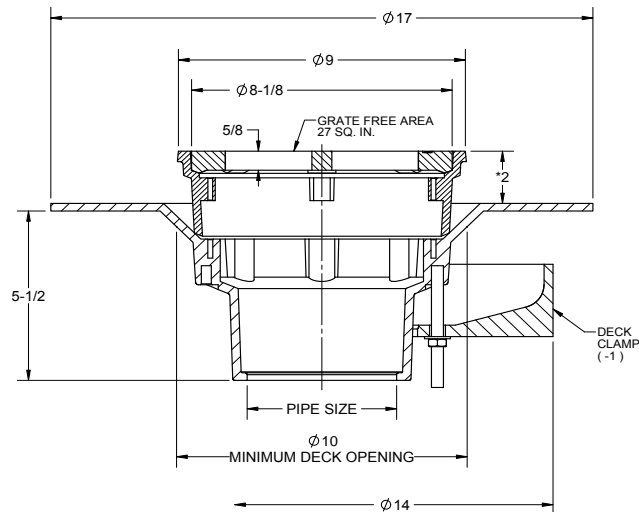
JOSAM SERIES 24040 COATED CAST IRON SUPER-FLO® ROOF DRAIN, ROUND MEDIUM-DUTY ANTI-TILTING GRATE WITH PERIMETER DRAINAGE SLOTS, EXTENSION, MEDIUM SUMP WITH WIDE DECK FLANGE AND BOTTOM INSIDE CAULK OUTLET CONNECTION.

**ROOF DRAIN
COMPOSITION DECK**

SERIES **24040**

SLOT WIDTH 3/8" (-50 & -51 SLOT WIDTH 3/16")

* ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRASS TOP



2"	PIPE SIZE	-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
3"	PIPE SIZE	-38	LESS GRATE
4"	PIPE SIZE	-50	SATIN FINISH NIKALOY TOP
		-51	SATIN FINISH BRONZE TOP
-1	DECK CLAMP ASSEMBLY		
-20	GALVANIZED CAST IRON PARTS	-VP	SECURED GRATE
-29	SEDIMENT BUCKET, CAST IRON		
-29-20	SEDIMENT BUCKET, GALVANIZED	X	-X
-31	CHAIN ANCHORED GRATE		

DATE OF LAST CHANGE: 8/26/2011

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

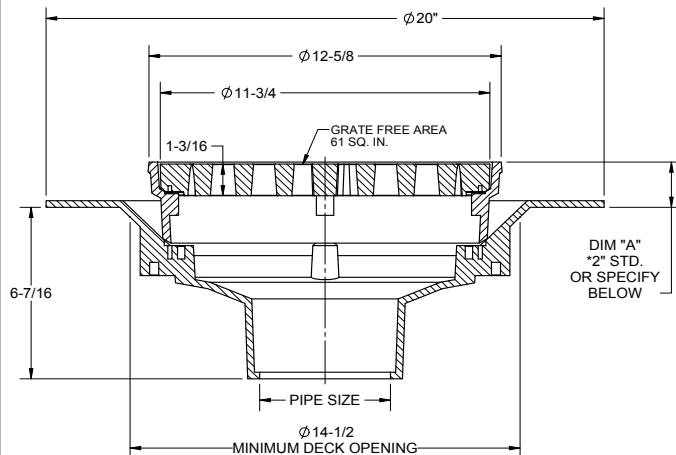
JOSAM SERIES 24050 COATED CAST IRON GARAGE DRAIN WITH WIDE SUPPORT FLANGE, WEEPHOLES, ROUND SPECIAL-DUTY GRATE AND BOTTOM OUTLET INSIDE CAULK CONNECTION.

**DRAIN
SPECIAL-DUTY, FLAT GRATE**

SERIES **24050**

SLOT WIDTH 1/2" (-50 & -51 SLOT WIDTH 1/4")

ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRASS TOP



* "A" DIM. = _____

4"	PIPE SIZE	-31	CHAIN ANCHORED GRATE
6"	PIPE SIZE	-36	DUCTILE IRON GRATE (CAST IRON TOP ONLY)
8"	PIPE SIZE	-50	SATIN FINISH NIKALOY TOP
		-51	SATIN FINISH BRASS TOP
-1	DECK CLAMP ASSEMBLY		
-12 *	EXTENDED FLASHING COLLAR, CAST IRON (SPECIFY HEIGHT)	-VP	SECURED GRATE
-20	GALVANIZED CAST IRON PARTS		
-29	SEDIMENT BUCKET, CAST IRON	X	-X
-29-20	SEDIMENT BUCKET, GALVANIZED		

DATE OF LAST CHANGE: 8/26/2011

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

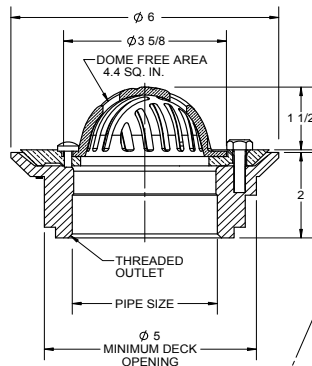
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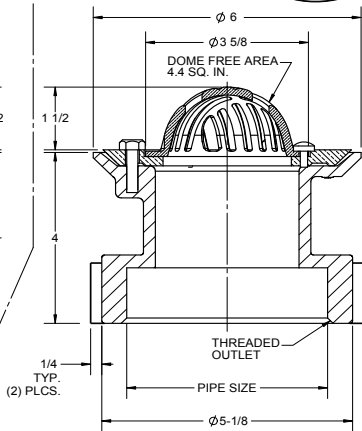
JOSAM SERIES 24500 COATED CAST IRON SILL DRAIN, SECURED LOW BRONZE DOME, BRONZE CLAMP RING, & SHALLOW SUMP WITH FLASHING FLANGE AND BOTTOM THREADED OUTLET CONNECTION.

ROOF DRAIN **SILL TYPE WITH BRONZE DOME**

SERIES **24500**



2" & 3" THREADED OUTLET



4" THREADED OUTLET

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	2"	PIPE SIZE		-33	STAINLESS STEEL MESH COVERED DOME
	3"	PIPE SIZE	▼	-35	FLAT GRATE (SLOT WIDTH 3/16")
	4"	PIPE SIZE	▼	-45	BODY WITH 45° THREADED OUTLET
				-50	SATIN FINISH NIKALOY TOP
	-20	GALVANIZED CAST IRON PARTS		-51	SATIN FINISH BRONZE TOP
	-24	ROUGH NIKALOY DOME	▼	-90	BODY WITH 90° THREADED OUTLET
▼	-27	HIGH DOME		-VP	SECURED DOME

DATE OF LAST CHANGE: 5/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

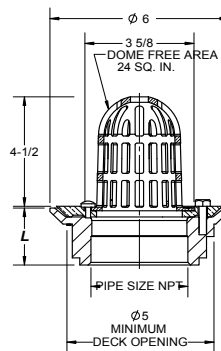
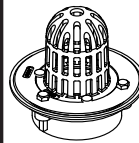
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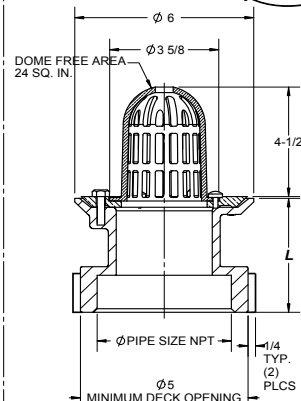
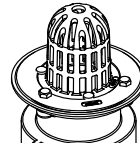
JOSAM SERIES 24500-27 COATED CAST IRON SILL DRAIN, SECURED TALL BRONZE DOME, BRONZE CLAMP RING AND SHALLOW SUMP WITH FLASHING FLANGE AND BOTTOM THREADED OUTLET CONNECTION.

ROOF DRAIN **SILL TYPE WITH TALL DOME**

SERIES **24500-27**



2" & 3" THREADED OUTLET



4" THREADED OUTLET

	2"	PIPE SIZE		-20	GALVANIZED CAST IRON PARTS
	3"	PIPE SIZE		-24	ROUGH NIKALOY DOME
	4"	PIPE SIZE		-33	STAINLESS STEEL MESH COVERED DOME
				-45	BODY WITH 45° THREADED OUTLET
				-90	BODY WITH 90° THREADED OUTLET
	MODEL	DIM. "L"			
	24502-27	2			
	24503-27	2		-VP	VANDAL-RESISTANT DOME
	24504-27	4			

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 24500-35 COATED CAST IRON SILL DRAIN, SECURED GRATE, BRONZE CLAMP RING & SHALLOW SUMP WITH FLASHING FLANGE AND BOTTOM THREADED OUTLET CONNECTION.

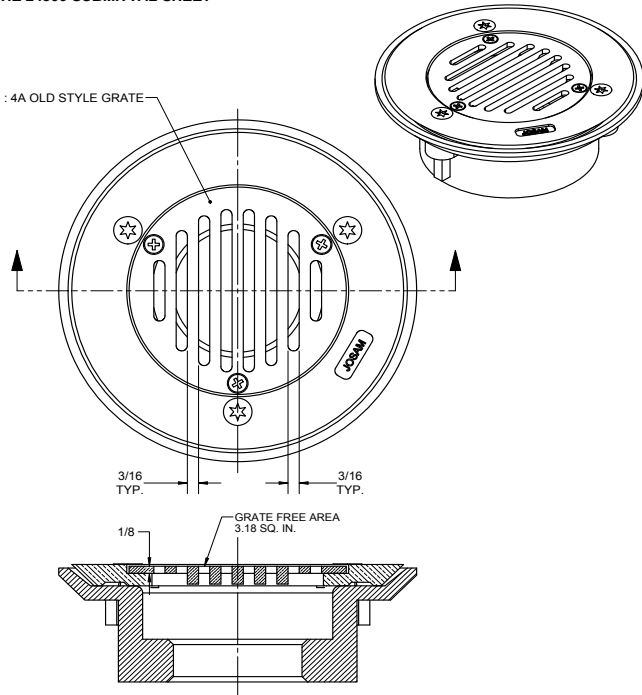
ROOF DRAIN

SILL TYPE WITH BRONZE GRATE

SERIES **24500-35**

FOR FURTHER DETAILS OF THE 24500 DRAIN ASSEMBLY, PLEASE REFERENCE THE 24500 SUBMITTAL SHEET

005315 : 4A OLD STYLE GRATE



DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

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SPECIFICATION:

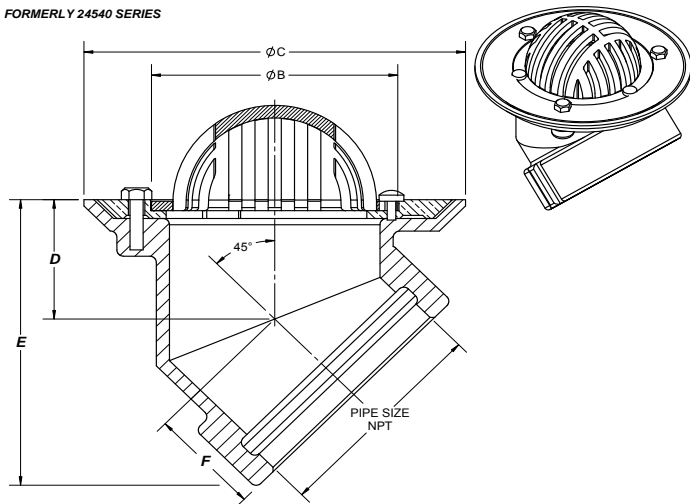
JOSAM SERIES 24500-45 SERIES COATED CAST IRON SILL DRAIN, SECURED BRONZE DOME, BRONZE CLAMP RING AND SHALLOW SUMP WITH FLASHING FLANGE AND 45° SIDE THREADED OUTLET CONNECTION.

ROOF DRAIN

SILL TYPE WITH BRONZE DOME

SERIES **24500-45**

FORMERLY 24540 SERIES



MODEL NO.	DIA. "B"	DIA. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "H"	DOMES FREE AREA
24502-45	3-3/4	6	1-1/2	4-1/2	2-3/4	1-1/2	4.4 SQ. IN.
24503-45	4-3/4	7-1/4	1-1/2	4-3/4	2-3/4	1-7/8	7.3 SQ. IN.
24504-45	4-3/4	7-1/4	2-3/8	5-5/8	2-1/8	1-7/8	7.3 SQ. IN.

2"	PIPE SIZE	-33	STAINLESS STEEL MESH COVERED DOME
3"	PIPE SIZE	-35	FLAT GRATE (SLOT WIDTH 3/16")
4"	PIPE SIZE	-45	BOLTED FLASHING CLAMP DEVICE
		-50	SATIN FINISH NIKALOY TOP
-20	GALVANIZED CAST IRON PARTS	-51	SATIN FINISH BRONZE TOP
-24	ROUGH NIKALOY DOME		
-27	TALL DOME	-VP	VANDAL-RESISTANT DOME

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

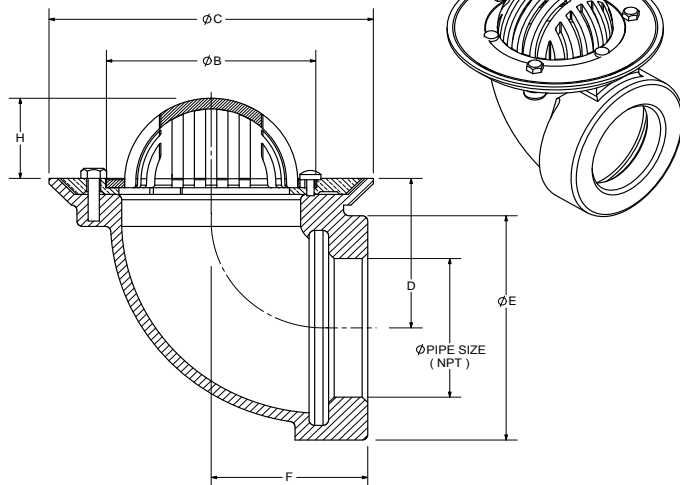
NOTES

SPECIFICATION:

JOSAM SERIES 24500-90 COATED CAST IRON SILL DRAIN, SECURED LOW BRONZE DOME, BRONZE CLAMP RING AND SHALLOW SUMP WITH FLASHING FLANGE AND SIDE THREADED OUTLET CONNECTION.

ROOF DRAIN

SILL TYPE WITH BRONZE DOME

SERIES **24500-90**

PIPE SIZE	Ø "B"	Ø "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "H"	FREE AREA
2"	3-3/4	6	2-1/2	4	2-3/4	1-1/2	4.4 SQ. IN.
3"	4-3/4	7-1/4	3	5	3-1/2	1-7/8	7.3 SQ. IN.
4"	4-3/4	7-1/4	3-1/2	6	3-1/2	1-7/8	7.3 SQ. IN.

X	-90	THREADED OUTLET BODY	-35	FLAT GRATE (3/16" SLOT WIDTH)
	-20	GALVANIZED CAST IRON PARTS	-50	SATIN FINISH NIKALOY TOP
	-24	ROUGH NIKALOY DOME	-51	SATIN FINISH BRONZE TOP
	-27	TALL DOME		
	-33	STAINLESS STEEL MESH COVERED DOME	-VP	VANDAL-RESISTANT DOME

DATE OF LAST CHANGE: 5/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

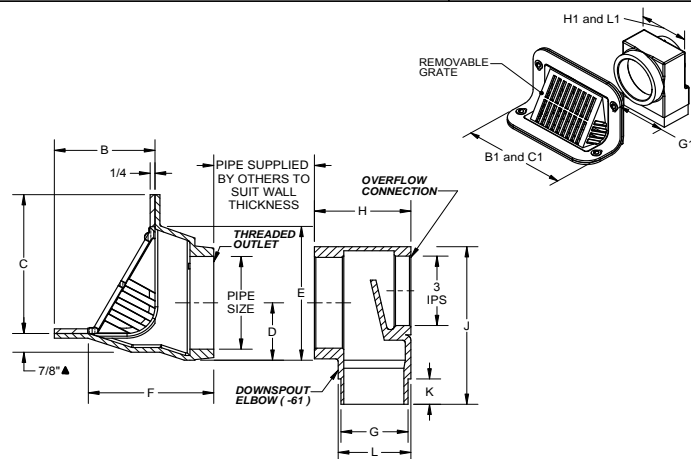
NOTES

SPECIFICATION:

JOSAM 24700 SERIES COATED CAST IRON PARAPET TYPE ROOF DRAIN, REMOVABLE SLOPING BRONZE GRATE, FLASHING CLAMP, SHALLOW SUMP WITH FLASHING FLANGE AND SIDE OUTLET THREADED CONNECTION.

ROOF DRAIN

PARAPET TYPE, SLOPING GRATE

SERIES **24700**

▲ DIM. 1-1/2 ON 5" & 6" SIZES

PIPE SIZE	B x B1	C x C1	D	E	F	G x G1	H x H1	J	K	L x L1	GRATE FREE AREA
2"	4-1/2 x 11	6-1/2 x 11	1-1/2	6-3/8	5-5/8	3 x 5-1/8	4-1/8 x 5-1/4	7-3/8	1-1/4	3-1/4 x 5-1/4	19.5 SQ. IN.
3"	4-1/2 x 11	6-1/2 x 11	2-1/8	6-3/8	5-5/8	3 x 5-1/8	4-1/8 x 5-1/4	7-3/8	1-1/4	3-1/4 x 5-1/4	19.5 SQ. IN.
4"	4-1/2 x 11	6-1/2 x 11	2-5/8	6-3/8	5-5/8	3 x 5-1/8	4-1/8 x 5-1/4	7-3/8	1-1/4	3-1/4 x 5-1/4	19.5 SQ. IN.
5"	5-1/2 x 13	7-1/2 x 13	3-1/2	8-1/8	6-5/8	4 x 6-1/8	5 x 7-1/2	10-3/4	1-3/4	4-1/4 x 7-1/2	34.3 SQ. IN.
6"	5-1/2 x 13	7-1/2 x 13	3-1/2	8-1/8	6-5/8	4 x 6-1/8	5 x 7-1/2	10-3/4	1-3/4	4-1/4 x 7-1/2	34.3 SQ. IN.

	2"	PIPE SIZE	-22	CAST IRON GRATE
	3"	PIPE SIZE	-24	ROUGH NIKALOY GRATE
	4"	PIPE SIZE	-45	BODY WITH 45° THREADED OUTLET
	5"	PIPE SIZE	-50	SATIN FINISH NIKALOY GRATE
	6"	PIPE SIZE	-51	SATIN FINISH BRONZE GRATE
			-61	DOWNSPOUT ELBOW (CAST IRON)
	-20	GALVANIZED CAST IRON PARTS	-61-20	DOWNSPOUT ELBOW (GALVANIZED)

DATE OF LAST CHANGE: 04/15/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

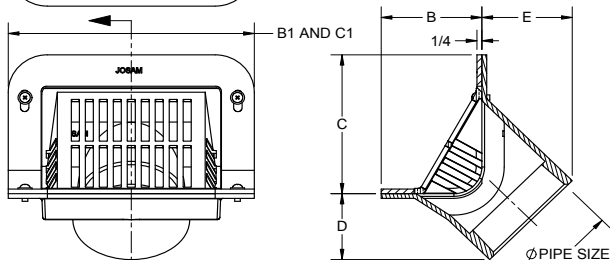
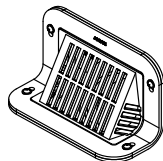
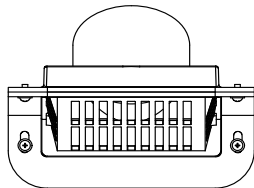
JOSAM 24700-45 SERIES COATED CAST IRON PARAPET TYPE ROOF DRAIN, REMOVABLE SLOPING BRONZE GRATE, FLASHING CLAMP, SHALLOW SUMP WITH FLASHING AND 45° SIDE OUTLET THREADED CONNECTION.

ROOF DRAIN

PARAPET TYPE, SLOPING GRATE

SERIES **24700-45**

FORMERLY 24710 SERIES



PIPE SIZE	B x B1	C x C1	D	E	GRATE FREE AREA
2"	4-1/2 x 11	6-1/2 x 11	2-1/4	3-7/8	19.5 SQ. IN.
3"	4-1/2 x 11	6-1/2 x 11	2-5/8	4-1/4	19.5 SQ. IN.
4"	4-1/2 x 11	6-1/2 x 11	3	4-5/8	19.5 SQ. IN.
5"	5-1/2 x 13	7-1/2 x 13	3-1/2	5	34.3 SQ. IN.
6"	5-1/2 x 13	7-1/2 x 13	3-5/8	5-1/2	34.3 SQ. IN.

2"	PIPE SIZE	-22	CAST IRON GRATE
3"	PIPE SIZE	-24	ROUGH NIKALLOY GRATE
4"	PIPE SIZE	-45	BODY WITH 45° THREADED OUTLET
5"	PIPE SIZE	-50	SATIN FINISH NIKALLOY GRATE
6"	PIPE SIZE	-51	SATIN FINISH BRONZE GRATE
		-61	DOWNSPOUT ELBOW (CAST IRON)
		-61-20	DOWNSPOUT ELBOW (GALVANIZED)
		-20	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/27/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

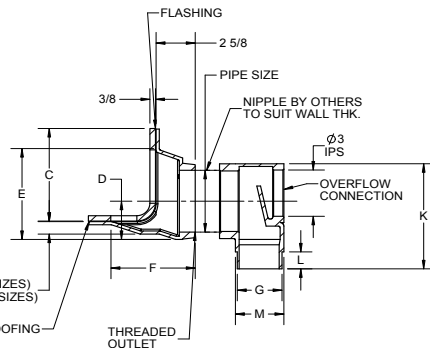
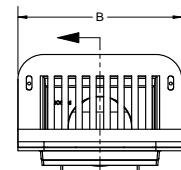
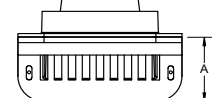
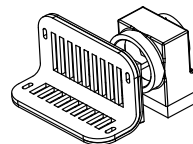
NOTES

SPECIFICATION:

JOSAM 24720 SERIES COATED CAST IRON PARAPET TYPE ROOF DRAIN, SECURED ANGLE GRATE WITH FLASHING CLAMP, SHALLOW SUMP WITH FLASHING FLANGE AND SIDE OUTLET THREADED CONNECTION.

ROOF DRAIN

PARAPET TYPE, ANGLE GRATE

SERIES **24720**

PIPE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	GRATE FREE AREA
2"	4-1/2	11	6-1/2	1-1/2	6-3/8	5-5/8	3	5-1/8	4-1/8	5-1/4	7-3/8	1-1/4	3-1/4	5-1/4	25.9
3"	4-1/2	11	6-1/2	2-1/8	6-3/8	5-5/8	3	5-1/8	4-1/8	5-1/4	7-3/8	1-1/4	3-1/4	5-1/4	25.9
4"	4-1/2	11	6-1/2	2-5/8	6-3/8	5-5/8	3	5-1/8	4-1/8	5-1/4	7-3/8	1-1/4	3-1/4	5-1/4	25.9
5"	5-1/2	13	7-1/2	3-1/2	8-1/8	6-5/8	4	6-1/8	5	7-1/2	10-3/4	1-3/4	4-1/4	7-1/2	41.3
6"	5-1/2	13	7-1/2	3-1/2	8-1/8	6-5/8	4	6-1/8	5	7-1/2	10-3/4	1-3/4	4-1/4	7-1/2	41.3

-45	BODY WITH 45° THREADED OUTLET Δ
-20	GALVANIZED CAST IRON PARTS
-23	ROUGH BRONZE GRATE
-24	ROUGH NIKALLOY GRATE

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

-50	SATIN FINISH NIKALLOY GRATE
-51	SATIN FINISH BRONZE GRATE
-61	DOWNSPOUT ELBOW (CAST IRON)
-61-20	DOWNSPOUT ELBOW (GALVANIZED)
-VP	VANDAL-PROOF GRATE

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

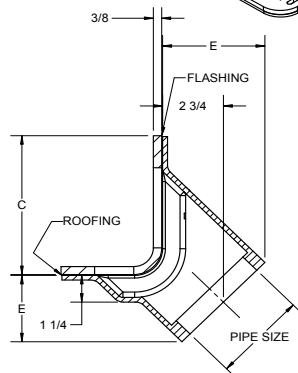
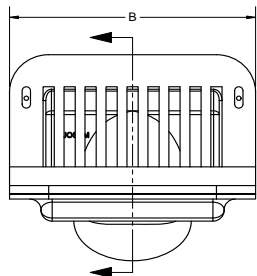
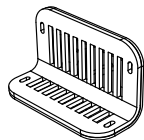
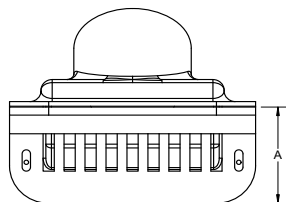
SPECIFICATION:

JOSAM 24720-45 SERIES COATED CAST IRON PARAPET TYPE ROOF DRAIN, SECURED ANGLE GRATE WITH FLASHING CLAMP, SHALLOW SUMP WITH FLASHING FLANGE AND 45° SIDE OUTLET THREADED CONNECTION.

ROOF DRAIN **PARAPET TYPE, ANGLE GRATE**

SERIES **24720-45**

FORMERLY 24730 SERIES



PIPE SIZE	A	B	C	D	E	GRATE FREE AREA
2"	4 1/2	11	6 1/2	2 1/4	3 7/8	25.9
3"	4 1/2	11	6 1/2	2 5/8	4 1/4	25.9
4"	4 1/2	11	6 1/2	3	4 5/8	25.9
5"	5 1/2	13	7 1/2	3 1/2	5	41.3
6"	5 1/2	13	7 1/2	3 5/8	5 1/2	41.3

X	-45	BODY WITH 45° THREADED OUTLET
	-20	GALVANIZED CAST IRON PARTS
	-23	ROUGH BRONZE GRATE
	-24	ROUGH NIKALOY GRATE

	-50	SATIN FINISH NIKALOY GRATE
	-51	SATIN FINISH BRONZE GRATE
	-61	DOWNSPOUT ELBOW (CAST IRON)
	-61-20	DOWNSPOUT ELBOW (GALVANIZED)
	-VP	VANDAL-PROOF GRATE

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

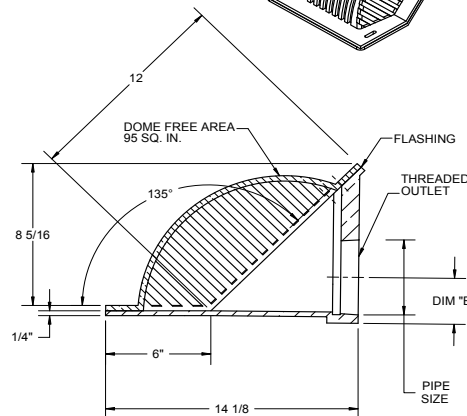
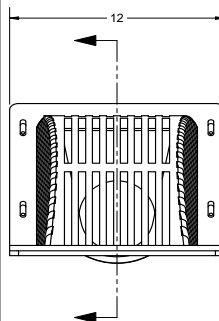
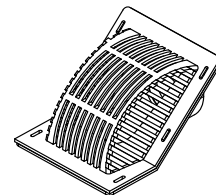
NOTES

SPECIFICATION:

JOSAM 24900 SERIES COATED CAST IRON PARAPET TYPE ROOF DRAIN, SECURED BRONZE DOME WITH INTEGRAL FLASHING CLAMP, FLASHING FLANGE AND SIDE OUTLET THREADED CONNECTION.

ROOF DRAIN **ANGLE PARAPET TYPE**

SERIES **24900**



	2"	PIPE SIZE	DIM "B" = 1-5/8"		-20	GALVANIZED CAST IRON PARTS
	3"	PIPE SIZE	DIM "B" = 2-3/16"		-24	ROUGH NIKALOY DOME
	4"	PIPE SIZE	DIM "B" = 2-1/16"		-50	SATIN FINISH NIKALOY DOME
	5"	PIPE SIZE	DIM "B" = 3-1/4"		-51	SATIN FINISH BRONZE DOME
	6"	PIPE SIZE	DIM "B" = 3-3/4"		-61	DOWNSPOUT ELBOW (CAST IRON)
					-61-20	DOWNSPOUT ELBOW (GALVANIZED)
					-VP	VANDAL-PROOF DOME

DATE OF LAST CHANGE: 04/27/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

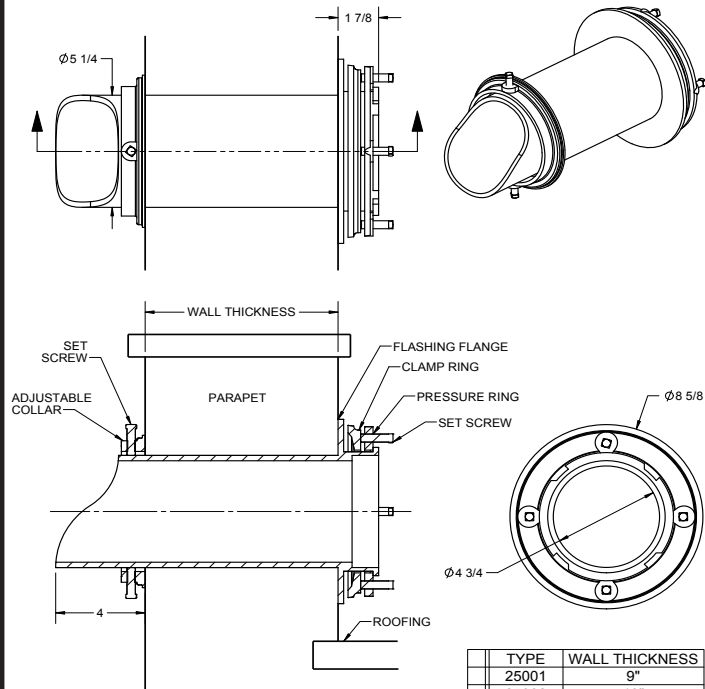
NOTES

SPECIFICATION:

JOSAM 25000 SERIES COATED CAST IRON ROOF DRAIN, PARAPET SCUPPER SLEEVE TYPE, FLASHING CLAMP, TUBULAR BODY WITH FLASHING FLANGE AND ADJUSTABLE COLLAR.

ROOF DRAIN PARAPET SCUPPER SLEEVE

SERIES **25000**



[-20] GALVANIZED CAST IRON PARTS

TYPE	WALL THICKNESS
25001	9"
25002	13"
25003	17"
25004	21"

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

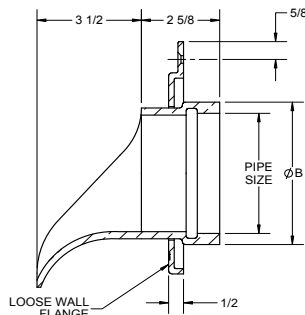
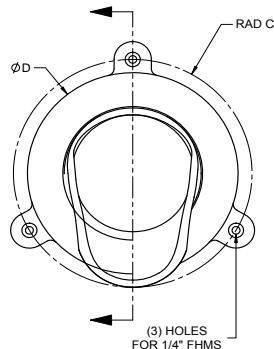
SPECIFICATION:

JOSAM 25010-T SERIES COATED CAST BRONZE DOWNSPOUT NOZZLE, LOOSE WALL FLANGE AND INLET THREADED CONNECTION.

ROOF DRAIN DOWNSPOUT NOZZLE

SERIES **25010-T**

	TYPE	PIPE SIZE	B	C	D
	25012-T	2"	4	3 3/8	6
	25013-T	3"	4	3 3/8	6
	25014-T	4"	5	3 7/8	7
	25015-T	5"	7 1/2	4 7/8	9
	25016-T	6"	7 1/2	4 7/8	9
	25018-T	8"	9 5/8	5 7/8	11
	25019-T	10"	11 1/4	6 3/4	12 3/4



	-24 ROUGH NIKALLOY (NICKEL-BRONZE)
	-51 SATIN FINISH BRONZE
	-BS BIRD SCREEN
	-PVC CONNECTS TO PVC PIPE
	-Z NO-HUB OUTLET

*FOR 2" SIZE, FURNISHED WITH 3" BODY WITH 3" X 2"
FOR 5" SIZE, FURNISHED WITH 6" BODY WITH 6" X 5"

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

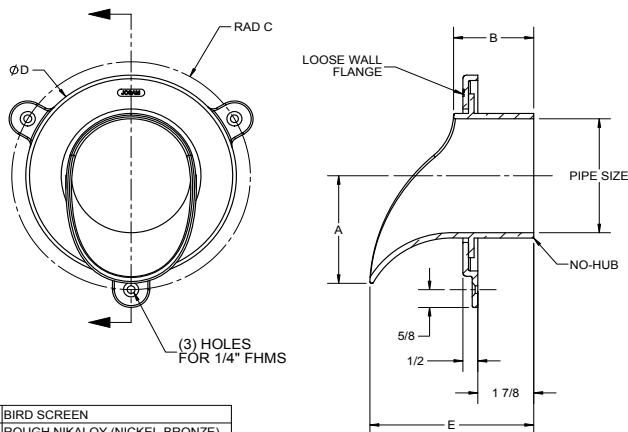
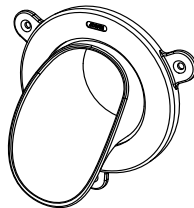
SPECIFICATION:

JOSAM 25010-Z SERIES COATED CAST BRONZE DOWNSPOUT NOZZLE, LOOSE WALL FLANGE AND NO-HUB INLET CONNECTION.

ROOF DRAIN DOWNSPOUT NOZZLE

SERIES **25010-Z**

TYPE	PIPE SIZE	A	B	C	D	E
25012-Z	2"	2 3/8	2 5/8	3	5 1/2	5 3/8
25013-Z	3"	3 3/8	2 5/8	3 1/2	6 1/2	5 3/8
25014-Z	4"	3 3/4	2 5/8	4	7 1/2	5 1/2
25015-Z	5"	4 1/4	2 5/8	4 1/2	8 1/2	5 3/4
25016-Z	6"	4 3/4	2 5/8	5	9 1/2	5 3/7
25018-Z	8"	5 7/8	2 5/8	6	11 1/2	6 1/2
25019-Z	10"	6 7/8	3	6 7/8	13	6 1/2
25010-12-Z	12"	7 7/8	3	7 7/8	15	6 1/2



<input type="checkbox"/>	-BS	BIRD SCREEN
<input type="checkbox"/>	-24	ROUGH NIKALOY (NICKEL-BRONZE)
<input type="checkbox"/>	-51	SATIN FINISH BRONZE
<input type="checkbox"/>	-T	THREADED OUTLET
<input type="checkbox"/>	-PVC	CONNECTS TO PVC PIPE

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

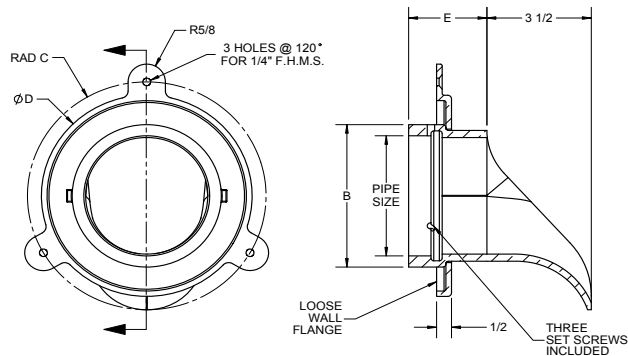
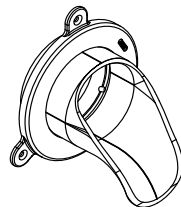
SPECIFICATION:

JOSAM 25010-PVC SERIES COATED CAST BRONZE DOWNSPOUT NOZZLE, LOOSE WALL FLANGE AND INLET CONNECTION WITH THREE SET SCREWS. CONNECTS TO PVC PIPE.

ROOF DRAIN DOWNSPOUT NOZZLE

SERIES **25010-PVC**

TYPE	PIPE SIZE	B	C	D	E
25012-PVC	2"	4	3-3/8	6	2-5/8
25013-PVC	3	4	3-3/8	6	2-5/8
25014-PVC	4	5	3-7/8	7	2-5/8
25015-PVC	5*	7-1/2	4-7/8	9	2-5/8
25016-PVC	6	7-1/2	4-7/8	9	2-5/8
25018-PVC	8	9-5/8	5-7/8	11	2-5/8
25019-PVC	10	11-1/4	6-3/4	12-3/4	2-5/8



<input type="checkbox"/>	-24	ROUGH NIKALOY
<input type="checkbox"/>	-51	SATIN FINISH BRONZE
<input type="checkbox"/>	-BS	BIRD SCREEN

* FOR 2" SIZE, FURNISHED WITH 3" BODY WITH 3" X 2"
FOR 5" SIZE, FURNISHED WITH 6" BODY WITH 6" X 5"

DATE OF LAST CHANGE: 4/23/15

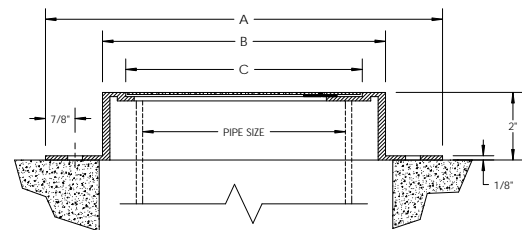
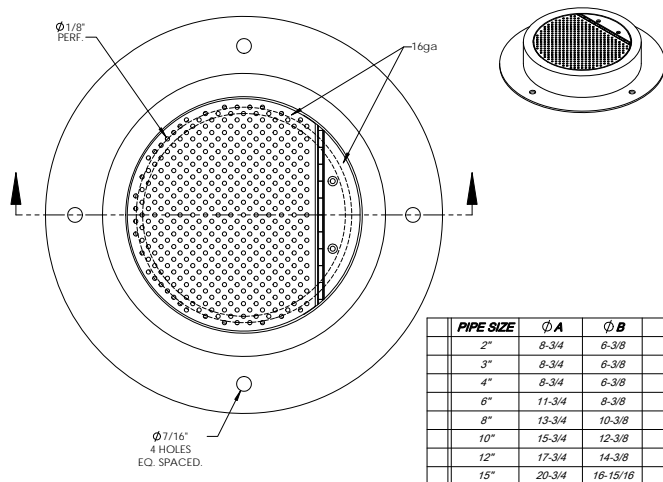
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATIONS:

JOSAM SERIES 25010-Q100 SPECIAL PURPOSE DOWNSPOUT COVER WITH STAINLESS STEEL FLANGE AND STAINLESS STEEL PERFORATED HINGED COVER.

SPECIAL PURPOSE
DOWNSPOUT COVER**25010-Q100**

DATE OF LAST CHANGE: 5/6/2011

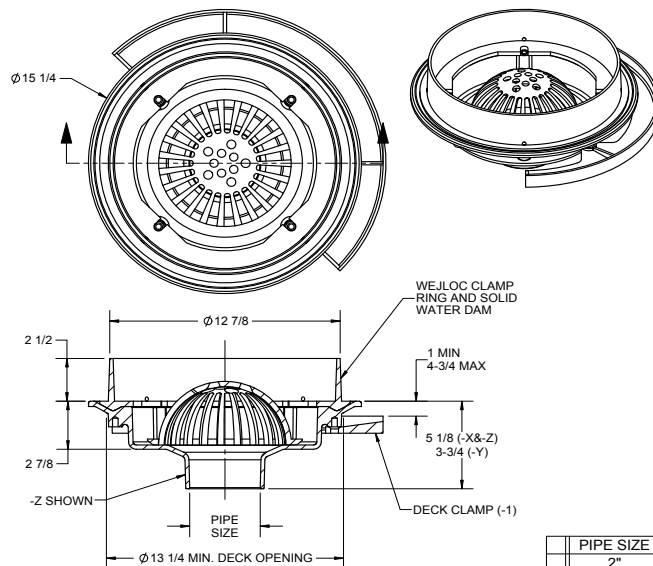
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MICHIGAN CITY, INDIANA

NOTES:

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TOLERANCES AND MAY CHANGE WITHOUT NOTICE.
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SPECIFICATION:

JOSAM 25500 SERIES COATED CAST IRON FLO-SEPTOR® ROOF DRAIN,
CAST IRON INTERNAL DOME STRAINER, COMBINED WEJLOCO® NON-
PUNCTURING CLAMP RING AND SOLID WATER DAM, LARGE SUMP
WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN
FLO-SEPTOR® LARGE SUMPSERIES **25500**

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING $\phi 16"$)	-66	NO-HUB SIDE OUTLET
-1	DECK CLAMP ASSEMBLY	-T	THREADED OUTLET
-2	DRAIN RECEIVER	-X	INSIDE CAULK OUTLET
-3	DECK CLAMP ASSEMBLY & DRAIN RECEIVER	-Y	HUB OUTLET WITH GASKET*
-20	GALVANIZED CAST IRON PARTS	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/23/15

JOSAM COMPANY
MICHIGAN CITY, INDIANA

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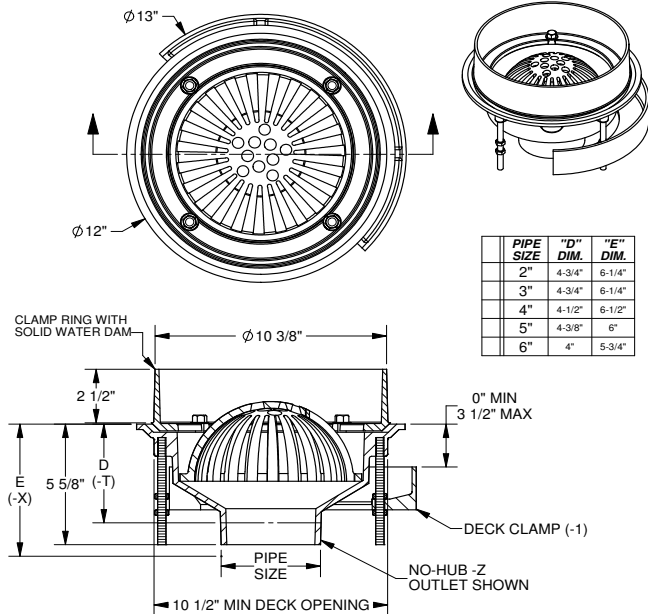
SPECIFICATION:

JOSAM 25520 SERIES COATED CAST IRON FLO-SEPTOR® ROOF DRAIN, CAST IRON INTERNAL DOME STRAINER, COMBINED WEJLOC® NON-PUNCTURING CLAMP RING AND SOLID WATER DAM, MEDIUM SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

FLO-SEPTOR® MEDIUM SUMP

SERIES

25520

PIPE SIZE	"D" DIM.	"E" DIM.
2"	4-3/4"	6-1/4"
3"	4-3/4"	6-1/4"
4"	4-1/2"	6-1/2"
5"	4-3/8"	6"
6"	4"	5-3/4"

-1	DECK CLAMP ASSEMBLY
-2	DRAIN RECEIVER
-3	DECK CLAMP ASSY & DRAIN RECEIVER
-20	GALVANIZED CAST IRON PARTS

-66	NO-HUB SIDE OUTLET
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 03/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

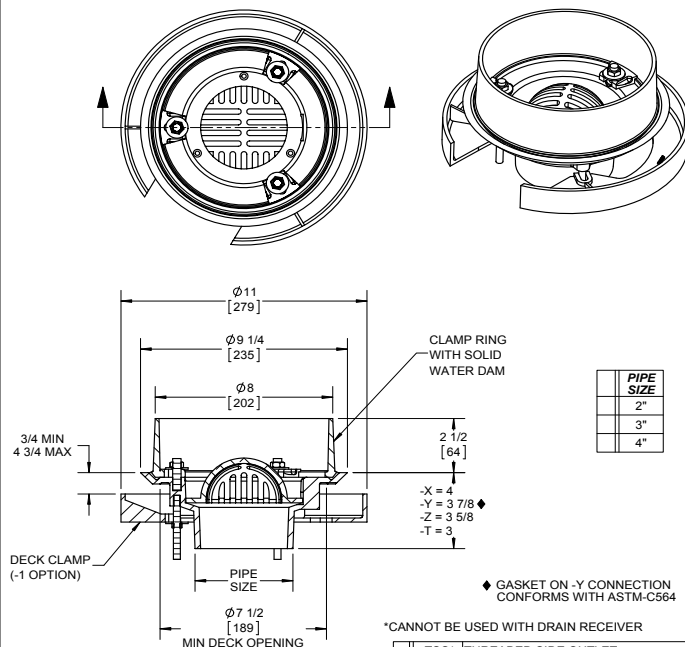
SPECIFICATION:

JOSAM 25540 SERIES COATED CAST IRON FLO-SEPTOR® ROOF DRAIN, CAST ALUMINUM INTERNAL DOME STRAINER, COMBINED WEJLOC® NON-PUNCTURING CLAMP RING AND SOLID WATER DAM, SMALL SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

FLO-SEPTOR® SMALL SUMP

SERIES

25540

PIPE SIZE
2"
3"
4"

-1	DECK CLAMP ASSEMBLY
-2	DRAIN RECEIVER
-3	DECK CLAMP ASSY & DRAIN RECEIVER
-20	GALVANIZED CAST IRON PARTS

*CANNOT BE USED WITH DRAIN RECEIVER

-TSO*	THREADED SIDE OUTLET
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET**
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/28/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

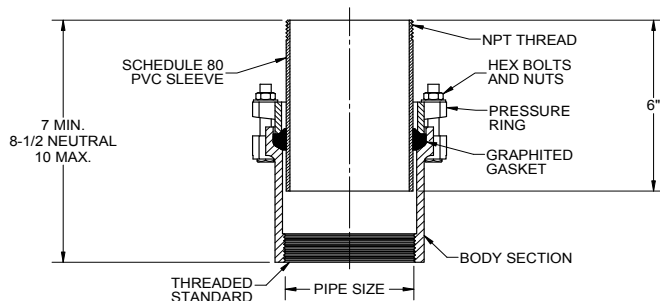
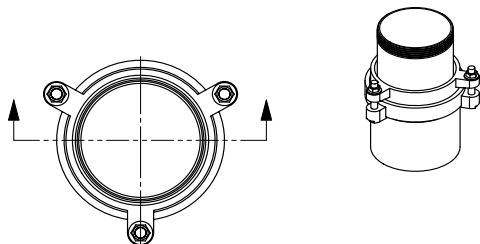
NOTES

SPECIFICATION:

JOSAM SERIES 26200 COATED CAST IRON EXPANSION JOINT,
SCHEDULE 80 PVC SLEEVE, PACKING GLAND WITH BOLTED
PRESSURE RING, MALE INLET AND FEMALE THREADED OUTLET
CONNECTIONS.

ROOF DRAIN EXPANSION JOINT

SERIES **26200**



2"	PIPE SIZE	8"	PIPE SIZE
3"	PIPE SIZE	10"	PIPE SIZE
4"	PIPE SIZE		
5"	PIPE SIZE		
6"	PIPE SIZE	-BR	BRASS SLEEVE
		-20	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 11/03/2014
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

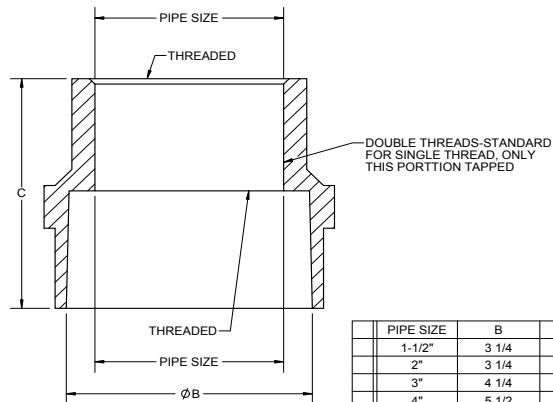
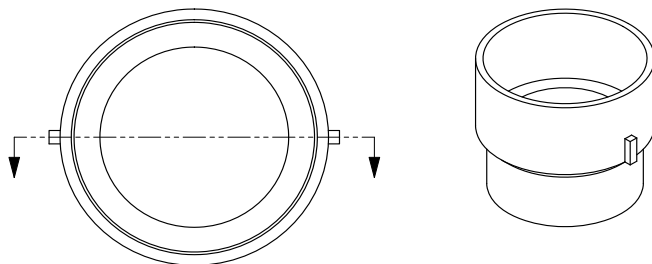
NOTES

SPECIFICATION:

JOSAM 26440 SERIES COATED CAST IRON STACK FITTING WITH
COUNTER FLASHING RECESS, THREADED STACK AND EXTENSION
CONNECTIONS.

ROOF DRAIN STACK FLASHING FITTING

SERIES **26440**



PIPE SIZE	B	C
1-1/2"	3 1/4	5 3/8
2"	3 1/4	5 3/8
3"	4 1/4	5 3/8
4"	5 1/2	5 3/8
5"	6 1/2	5 3/8
6"	7 1/2	5 3/8

-20 GALVANIZED CAST IRON PARTS

SINGLE THREAD CAN BE FURNISHED WHEN SPECIFIED ON ORDER

DATE OF LAST CHANGE: 4/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

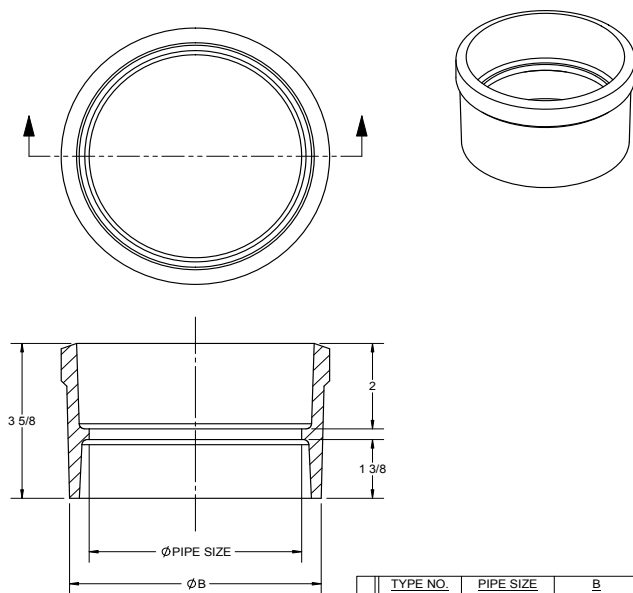
JOSAM 26450 SERIES COATED CAST IRON STACK SLEEVE WITH COUNTER FLASHING AND CAULKING RECESSES.

ROOF DRAIN

VENT STACK FLASHING FITTING

SERIES

26450



TYPE NO.	PIPE SIZE	B
26451-1/2	1-1/2"	3
26452	2"	3-1/2
26453	3"	5-3/4
26454	4"	5-5/8
26455	5"	6-3/4
26456	6"	7-3/4

-20 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

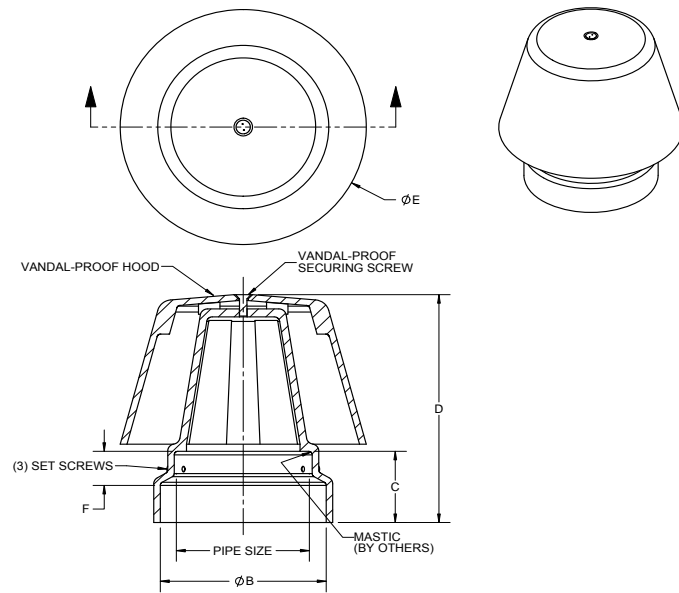
JOSAM 26700 SERIES COATED CAST IRON VANDAL-PROOF HOODED VENT CAP WITH LARGE FROST-PROOF OPENINGS, COUNTERFLASHING COLLAR, DEEP PROTECTIVE HOOD AND RECESSED SECURING SCREWS.

ROOF DRAIN

VANDAL-PROOF VENT CAP

SERIES

26700



PIPE SIZE	B	C	D	E	F	FREE AREA
1-1/2	2 5/8	2	4 1/2	5 3/4	1	3.7
2	3 1/4	2	5 1/4	5 3/4	1	6.8
2-1/2	4 3/8	2 1/2	6 7/8	8 1/4	3/4	15.3
3	4 3/8	2 1/2	6 7/8	8 1/4	1 1/8	15.3
4	5 1/2	2 1/2	8	8 1/4	1 1/8	27.4
5	6 1/2	2 1/2	10 1/8	11 3/4	1 1/8	41.6
6	7 1/2	2 3/4	11 3/4	11 3/4	1 1/8	58.0

-20	GALVANIZED CAST IRON PARTS
-63	ALL ROUGH BRONZE
-65	ALL ROUGH NIKALOY

DATE OF LAST CHANGE: 4/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

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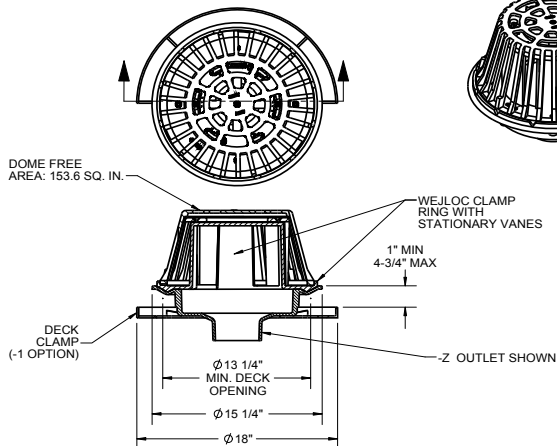
JOSAM 28600 SERIES COATED CAST IRON FLO-SET® ROOF DRAIN, LARGE SECURED DOME, ADJUSTABLE CALIBRATED VANDAL-PROOF VANE COLLAR, WEJLOC® NON-PUNCTURING CLAMP RING WITH STATIONARY VANES AND INTEGRAL GRAVEL STOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.

ROOF DRAIN

FLO-SET®

SERIES

28600



▼	-AE	THREADED LEVELIZE ADJ. EXT.
	-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING $\phi 16"$)
	-1	DECK CLAMP ASSEMBLY
	-2	DRAIN RECEIVER
	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
	-4	SECONDARY FLASHING CLAMP (-AE ONLY)
	-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT*)
	-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT*)
	-20	GALVANIZED CAST IRON PARTS
	-23	ROUGH BRONZE DOME
	-33	STAINLESS STEEL MESH-COVERED DOME
	-VP	VANDAL-PROOF DOME
	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
	-Z	NO-HUB SPIGOT OUTLET

SPECIFY DESIRED FLOW RATE AND HEAD AND DRAIN CAN BE FURNISHED WITH THE VANES PRE-SET AND VANDAL-PROOFED TO THESE SPECIFICATIONS.

PIPE SIZE
2"
3"
4"
5"
6"

*-10 EXTENSION 4" STANDARD

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 10/24/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 28600-AE SERIES COATED CAST IRON FLO-SET® ROOF DRAIN, LARGE SECURED DOME, ADJUSTABLE CALIBRATED VANDAL-PROOF VANE COLLAR, WEJLOC® NON-PUNCTURING CLAMP RING WITH STATIONARY VANES AND INTEGRAL GRAVEL STOP, BOLTED SUPPORT RING, ADJUSTABLE TOP, LARGE SUMP WITH ROOF FLANGE AND BOTTOM OUTLET.

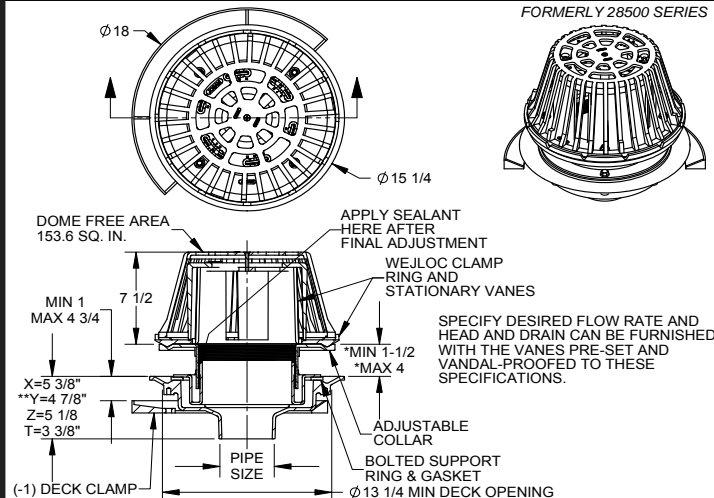
ROOF DRAIN

FLO-SET WITH ADJUSTABLE EXTENSION

SERIES

28600-AE

FORMERLY 28500 SERIES



X	-AE	THREADED LEVELIZE ADJ. EXT.
	-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING $\phi 16"$)
	-1	DECK CLAMP ASSEMBLY
	-2	DRAIN RECEIVER
	-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
	-4	SECONDARY FLASHING CLAMP (-AE ONLY)
	-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT***)
	-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT***)
	-20	GALVANIZED CAST IRON PARTS
	-23	ROUGH BRONZE DOME
	-26	ALUMINUM DOME
	-33	STAINLESS STEEL MESH-COVERED DOME
	-VP	VANDAL-PROOF DOME
	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
	-Z	NO-HUB SPIGOT OUTLET

***-10 EXTENSION 4" STANDARD

** GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

* WITH (-4) CLAMP RING MIN 2-1/4" MAX 4-1/4"

PIPE SIZE
2"
3"
4"
5"
6"

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

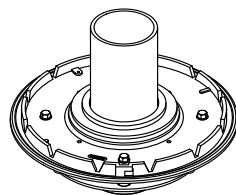
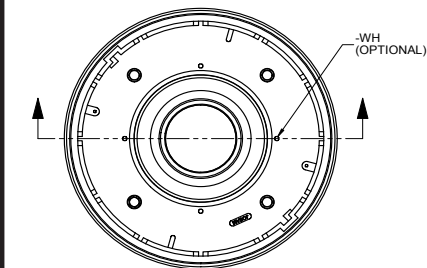
NOTES

SPECIFICATION:

JOSAM 29000 SERIES COATED CAST IRON ISOLATION DECK DRAIN, NON-PUNCTURING CLAMP RING FOR STANDPIPE AND BOTTOM OUTLET.

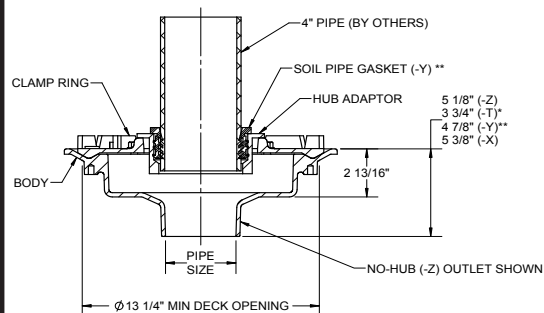
**ROOF DRAIN
ISOLATION DECK**

SERIES **29000**



*THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET

** GASKET CONFORMS WITH ASTM-C564



PIPE SIZE	
	2"
	3"
	4"
	5"
	6"
	8"

-1	DECK CLAMP ASSEMBLY
-1C	DRAIN RECEIVER CLIPS (MIN. DECK OPENING Ø 16)
-CR	CLAMPING DRAIN RECEIVER (MIN. DECK OPENING Ø 16)
-2	DRAIN RECEIVER
-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
-17	2" HIGH SOLID CLAMPING COLLAR

-20	GALVANIZED CAST IRON PARTS
-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
-Z	NO-HUB SPIGOT OUTLET
-WH	WEEP HOLES

DATE OF LAST CHANGE: 04/27/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

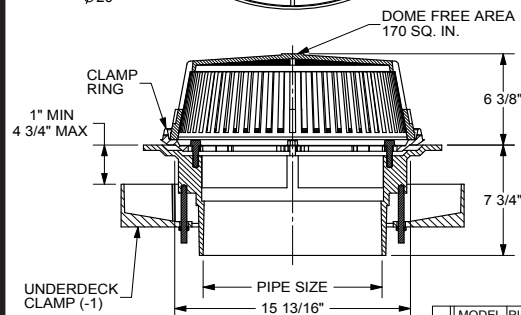
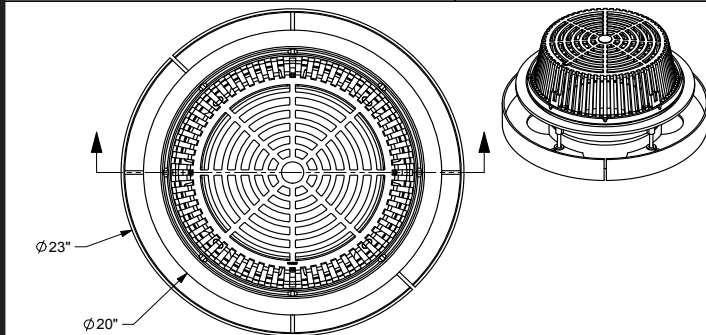
NOTES

SPECIFICATION:

JOSAM 29100 SERIES COATED CAST IRON ROOF DRAIN WITH LARGE CAST IRON DOME, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH WIDE ROOF FLANGE AND NO-HUB BOTTOM OUTLET.

**ROOF DRAIN
EXTRA-LARGE SUMP**

SERIES **29100**



-1	DECK CLAMP ASSEMBLY
-2	DRAIN RECEIVER
-3	DECK CLAMP ASSEMBLY AND DRAIN RECEIVER
-10	FIXED EXTENSION COLLAR, CAST IRON (SPECIFY HEIGHT**)
-10-20	FIXED EXTENSION COLLAR, GALVANIZED (SPECIFY HEIGHT**)

** -10 EXTENSION 4" STANDARD

MODEL	PIPE SIZE
29108	8"
29110	10"
29112	12"

-17	2" HIGH SOLID CLAMPING COLLAR
-20	GALVANIZED CAST IRON PARTS
-VP	VANDAL-PROOF DOME

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

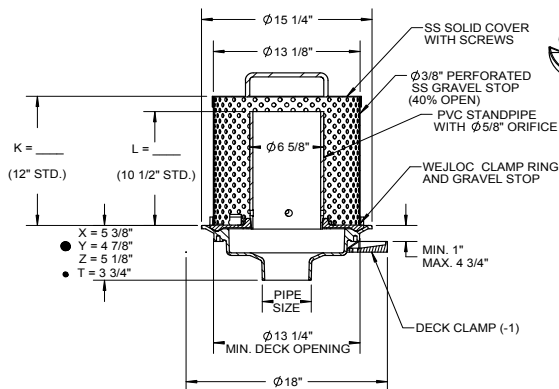
NOTES

SPECIFICATION:

JOSAM SERIES 21500-ORDG1 COATED CAST IRON DRAIN BODY AND CLAMP RING WITH STAINLESS STEEL GRAVEL STOP AND SECURED COVER AND PVC STANDPIPE WITH ORIFICE

ROOF DRAIN
GREEN ROOFSERIES **21500-ORDG1**

- THIS DIMENSION IS 5-3/4" FOR 21500-T
- GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C664



				-AE	THREADED LEVELER ADJ. EXT.
2"	PIPE SIZE			-AER	ADJ. EXT. USING THREADED RODS
3"	PIPE SIZE			-PC	PERFORATED COVER
4"	PIPE SIZE			-LO	LESS ORIFICE IN STANDPIPE
5"	PIPE SIZE			-1	DECK CLAMP ASSY.
6"	PIPE SIZE			-2	DRAIN RECEIVER
8"	PIPE SIZE			-3	DECK CLAMP ASSY. AND DRAIN RECEIVER
10"	PIPE SIZE (NO-HUB ONLY)			-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS
				-4	SECONDARY FLASHING CLAMP (-AE ONLY)
-X	INSIDE CAULK OUTLET			-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)			-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT. OR 4" STD.)
-Z	NO-HUB SPIGOT OUTLET			-10-20	FIXED EXT. COLLAR, GALV. (SPECIFY HT. OR 4" STD.)
-1	THREADED OUTLET			-17-	2" HIGH SOLID CLAMPING COLLAR
				-20	GALV. CAST IRON PARTS
-22	CAST IRON DOME			-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)

DATE OF LAST CHANGE: 05/04/15

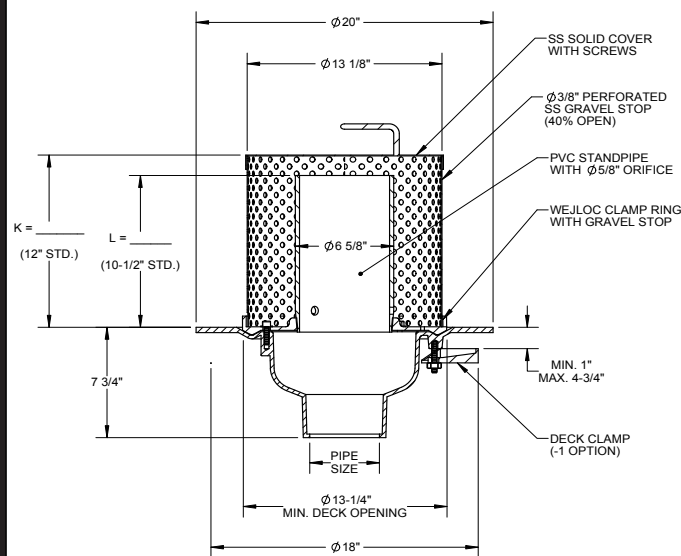
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 21500-ORDG1-6 COATED CAST IRON LARGE SUMP WIDE FLANGE DRAIN BODY AND CLAMP RING WITH STAINLESS STEEL GRAVEL STOP AND SECURED COVER AND PVC STANDPIPE WITH ORIFICE.

ROOF DRAIN
GREEN ROOFSERIES **21500-ORDG1-6**

				-AE	ADJUSTABLE EXTENSION
				-PC	PERFORATED COVER
				-LO	LESS ORIFICE IN STANDPIPE
2"	PIPE SIZE			-1	DECK CLAMP ASSY.
3"	PIPE SIZE			-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)
4"	PIPE SIZE			-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT. OR 4" STD.)
5"	PIPE SIZE			-10-20	FIXED EXT. COLLAR, GALV. (SPECIFY HT. OR 4" STD.)
6"	PIPE SIZE			-17-	2" HIGH SOLID CLAMPING COLLAR
				-20	GALV. CAST IRON PARTS
-X	INSIDE CAULK OUTLET			-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)

DATE OF LAST CHANGE: 03/25/14

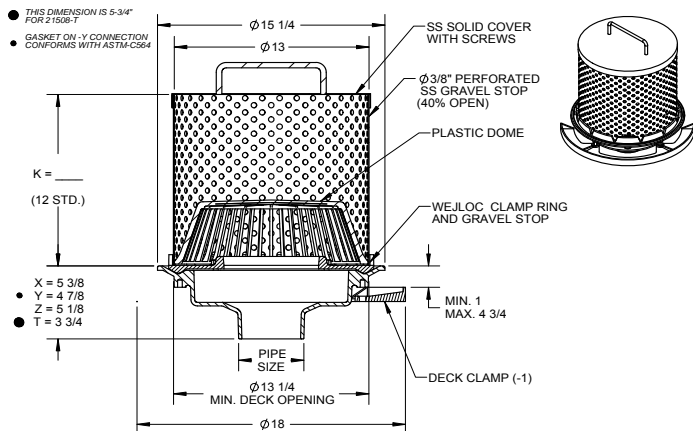
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 21500-RDG3 COATED CAST IRON DRAIN BODY AND WEJLOC® CLAMP RING WITH STAINLESS STEEL GRAVEL STOP, SECURED COVER AND PLASTIC DOME.

ROOF DRAIN
GREEN ROOFSERIES **21500-RDG3**

2"	PIPE SIZE	-AE	THREADED LEVEZE	ADJ. EXT.
3"	PIPE SIZE	-AER	ADJ. EXT. USING THREADED RODS	
4"	PIPE SIZE	-PC	PERFORATED COVER	
5"	PIPE SIZE	-1	DECK CLAMP ASSY.	
6"	PIPE SIZE	-2	DRAIN RECEIVER	
8"	PIPE SIZE	-3	DECK CLAMP ASSY. AND DRAIN RECEIVER	
10"	PIPE SIZE (NO-HUB ONLY)	-3C	DRAIN RECEIVER AND DRAIN RECEIVER CLIPS	
-T	THREADED OUTLET	-4	SECONDARY FLASHING CLAMP (-AE ONLY)	
-X	INSIDE CAULK OUTLET	-6	EXTRA WIDE FLANGE DRAIN BODY (-X OUTLET ONLY)	
-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)	-10	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT. 4" STD.)	
-Z	NO-HUB SPIGOT OUTLET	-10-20	FIXED EXT. COLLAR, GALV. (SPECIFY HT. 4" STD.)	
-21	GALV. CAST IRON DOME ONLY			
-22	CAST IRON DOME			
-23	ROUGH BRONZE DOME	-20	GALV. CAST IRON PARTS	
-26	ALUMINUM DOME	-66	NO-HUB SIDE OUTLET (2" THRU 6" OUTLETS ONLY)	
-33	STAINLESS MECH SCREEN-COVERED DOME			
-VP	VANDAL-PROOF DOME			

DATE OF LAST CHANGE: 5/04/15

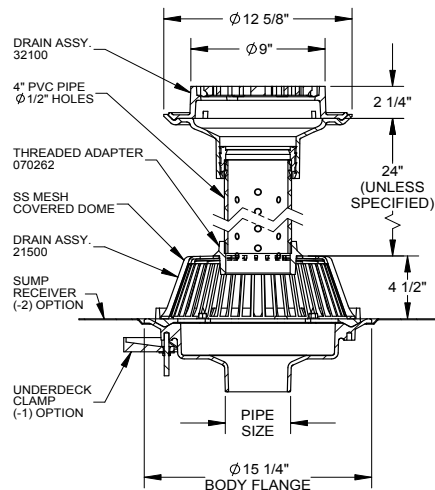
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q602 COATED CAST IRON LOWER DRAIN AND WEJLOC CLAMP RING WITH SS MESH COVERED CAST IRON DOME MODIFIED FOR THREADED PVC STANDPIPE. TOP SECTION IS 32100 FLOOR DRAIN.

ROOF DRAIN
PLANTING AREASERIES **21500-Q602**

-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24" SQ.)
-VP	VANDALPROOF DOME
-X	CAULK OUTLET
-Y	PUSH-ON OUTLET
-T	THREADED OUTLET
-Z	NO-HUB OUTLET

	PIPE SIZE
	2"
	3"
	4"
	5"
	6"
	8"

DATE OF LAST CHANGE: 05/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

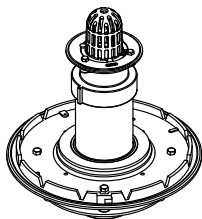
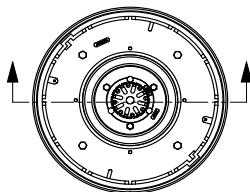
NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q606 COATED CAST IRON LOWER DRAIN AND WEJLOC CLAMP RING. COATED CAST IRON THREADED OUTLET UPPER BODY WITH BRONZE CLAMP RING AND DOME.

**ROOF DRAIN
PLANTING AREA**

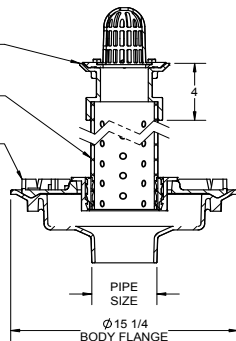
SERIES **21500-Q606**



DRAIN ASSY.
24503-27

3" PVC PIPE
Ø 3/8" HOLES

DRAIN ASSY.
29000



-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24" SQ.)
-VP	VANDALPROOF DOME
-X	CAULK OUTLET
-Y	PUSH-ON OUTLET
-T	THREADED OUTLET
-Z	NO-HUB OUTLET

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 4/24/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

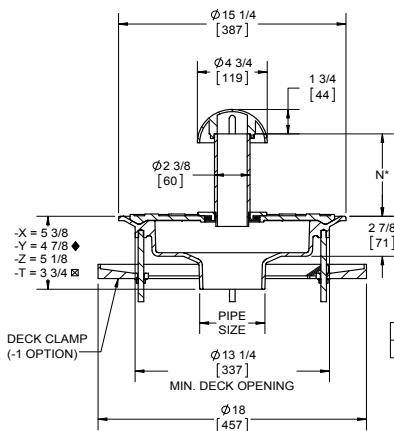
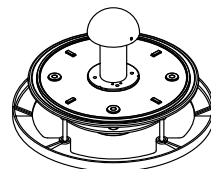
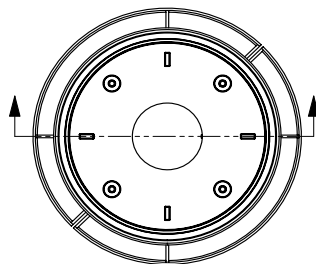
NOTES

SPECIFICATION:

JOSAM 21500-Q515 SERIES CAST IRON DRAIN WITH BOTTOM
OUTLET, WEJLOC NON-PUNCTURING CLAMP RING, PVC STANDPIPE,
AND BRASS DOME.

**DRAIN
WITH STANDPIPE**

SERIES **21500-Q515**



OUTLET TYPE	
-X	INSIDE CAULK
-Y	HUB WITH GASKET (2"-4")
-Z	NO-HUB
-T	THREADED

PIPE SIZE
2"
3"
4"
5"
6"
8"
10"

-24	LESS DOME
-PF	PERFORATED STANDPIPE

* SPECIFY "N" AT TIME OF ORDER
♦ GASKET CONFORMS WITH ASTM-C564
⊠ THIS DIM. 5 3/4" FOR 21508-T
SEE 21500 DRAWING FOR MORE BODY DIMS.

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

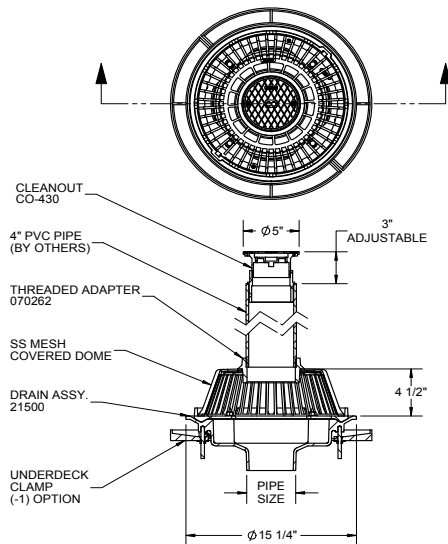
SPECIFICATION:

JOSAM SERIES 21500-Q265 COATED CAST IRON ROOF DRAIN. NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP. LARGE CAST IRON DOME COVERED WITH STAINLESS STEEL MESH SCREEN, AND PVC CLEANOUT WITH ROUND NIKALOY TOP, BRONZE PLUG AND 3"-4" SOLVENT WELD OUTLET.

SEE 21500 AND CO-430 SUBMITTALS FOR SPECIFIC DETAILS.

DRAIN SUBSURFACE WITH CLEANOUT

SERIES **21500-Q265**



-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24" SQ.)
-VP	VANDALPROOF DOME
-X	CAULK OUTLET
-Y	PUSH-ON OUTLET
-T	THREADED OUTLET
-Z	NO-HUB OUTLET

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 04/05/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

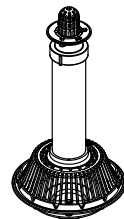
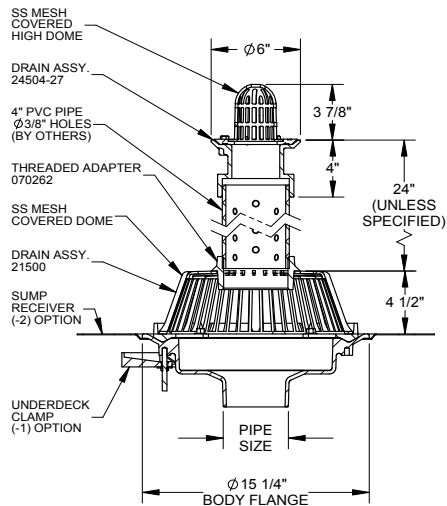
NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q600 COATED CAST IRON LOWER DRAIN AND WEJLOC CLAMP RING WITH SS MESH COVERED CAST IRON DOME MODIFIED FOR THREADED PVC STANDPIPE. COATED CAST IRON THREADED OUTLET UPPER BODY WITH BRONZE CLAMP RING AND SS MESH COVERED SECURED BRONZE HIGH DOME.

ROOF DRAIN PLANTING AREA

SERIES **21500-Q600**



-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24" SQ.)
-VP	VANDALPROOF DOME
-X	CAULK OUTLET
-Y	PUSH-ON OUTLET
-T	THREADED OUTLET
-Z	NO-HUB OUTLET

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 05/05/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

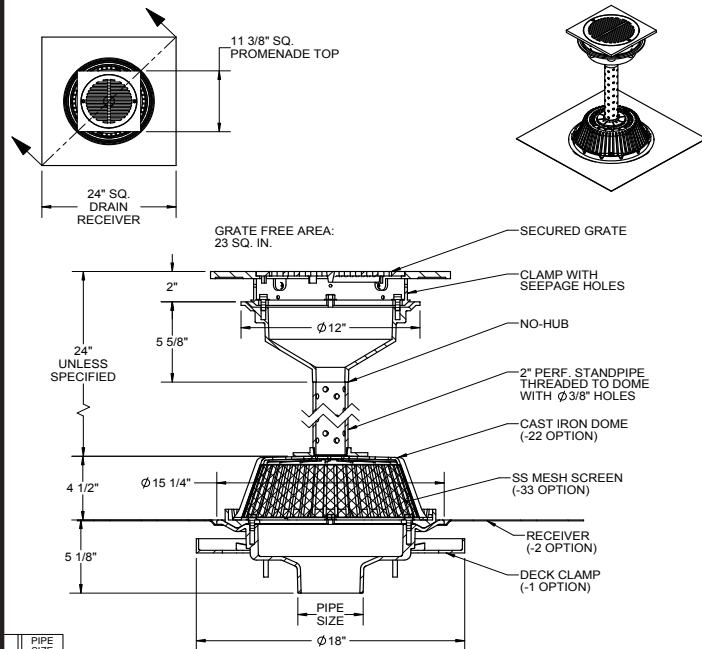
NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q601 PLAZA/PLANTER DRAIN WITH COATED CAST IRON PROMENADE SQUARE TOP DRAIN, PERFORATED BRONZE STANDPIPE, AND COATED CAST IRON LOWER DRAIN WITH CAST IRON DOME WITH SS MESH SCREEN.

DRAIN **PLAZA/PLANTER**

SERIES **21500-Q601**



PIPE SIZE
2"
3"
4"
5"
6"
8"

OUTLET TYPE
-T THREADED
-X INSIDE CAULK
-Y PUSH-ON
-Z NO-HUB (SHOWN)

OTHER OPTIONS:

-20	GALV. CI PARTS
-50	SATIN NIKALOY TOP (ADD 1/4")
-51	SATIN BRONZE TOP (ADD 1/4")
-VP	VANDAL-PROOF SCREWS
	SS SCREEN OVER PIPE

DATE OF LAST CHANGE: 04/25/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

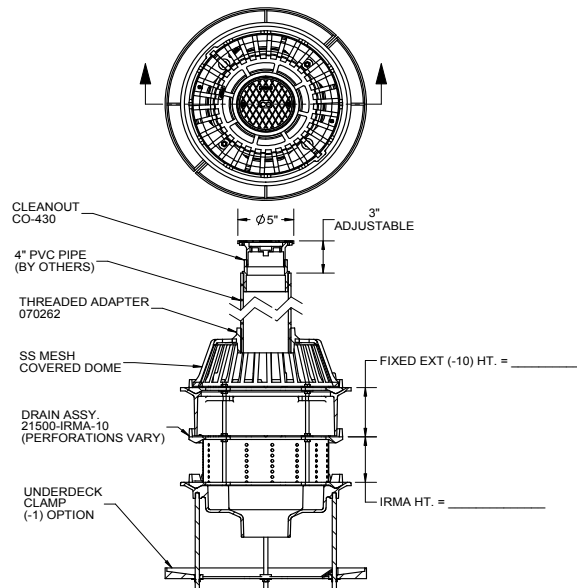
NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q603 COATED CAST IRON ROOF DRAIN, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE CAST IRON DOME COVERED WITH STAINLESS STEEL MESH SCREEN, SS PERF EXTENSION, CI FIXED EXTENSION, AND PVC CLEANOUT WITH ROUND NIKALOY TOP, BRONZE PLUG AND 3"-4" SOLVENT WELD OUTLET. SEE 21500 AND CO-430 SUBMITTALS FOR MORE DETAIL.

DRAIN **SUBSURFACE** **WITH CLEANOUT**

SERIES **21500-Q603**



-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24\"/>

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 04/08/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

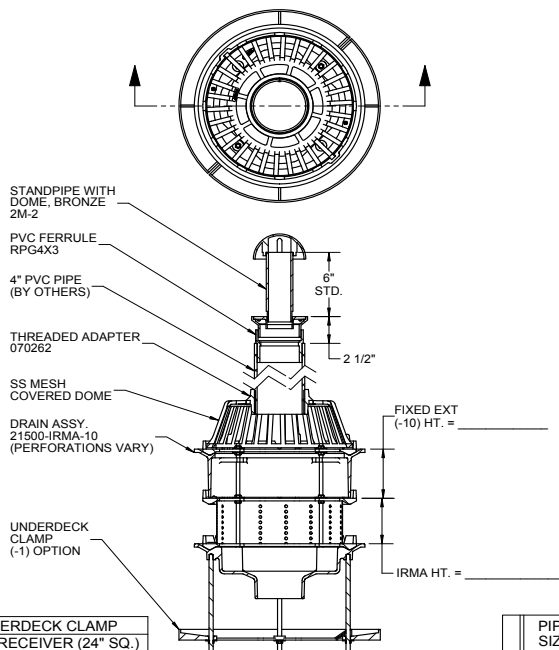
SPECIFICATION:

JOSAM SERIES 21500-Q604 COATED CAST IRON ROOF DRAIN, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE CAST IRON DOME COVERED WITH STAINLESS STEEL MESH SCREEN, SS PERF EXTENSION, CI FIXED EXTENSION, AND PVC 3X4 SOLVENT WELD FERRULE WITH STANDPIPE AND BRONZE DOME.

SEE 21500 AND 2M SUBMITTALS FOR MORE DETAIL.

DRAIN **SUBSURFACE WITH** **STANDPIPE/DOME**

SERIES **21500-Q604**



-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER (24\"/>

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 04/08/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

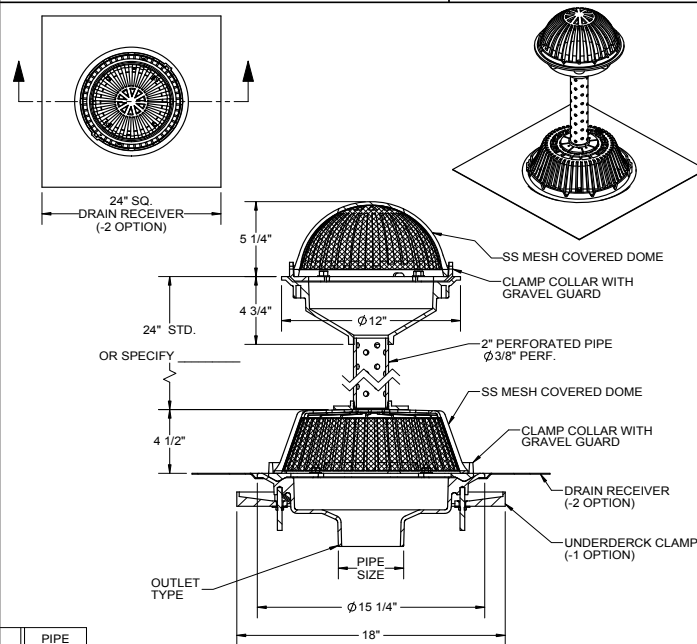
NOTES

SPECIFICATION:

JOSAM SERIES 21500-Q605 PLAZA/PLANTER DRAIN WITH COATED CAST IRON DRAIN ASSEMBLIES, PERFORATED STANDPIPE AND MESH COVERED DOMES.

DRAIN **PLAZA/PLANTER**

SERIES **21500-Q605**



PIPE SIZE
2"
3"
4"
5"
6"
8"

OUTLET TYPE
-T THREADED
-X INSIDE CAULK
-Y PUSH-ON
-Z NO-HUB

-1	UNDERDECK CLAMP
-2	DRAIN RECEIVER
-20	GALVANIZED CI PARTS
-VP	VANDAL-PROOF DOME SCREWS
	SS SCREEN OVER PIPE

DATE OF LAST CHANGE: 07/10/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

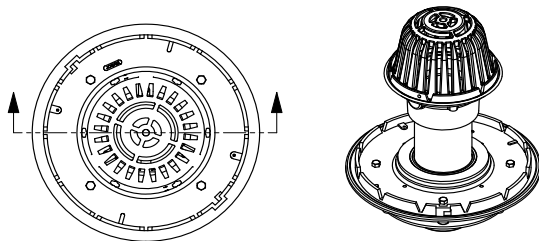
SPECIFICATION:

JOSAM SERIES 21500-Q700 COATED CAST IRON ROOF DRAIN, NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, 4" PVC PERFORATED STANDPIPE, AND 22080 TOP ASSEMBLY.

SEE 29000 AND 22080 SUBMITTALS FOR MORE DETAIL.

DRAIN
SUBSURFACE WITH
STANDPIPE/DOME

SERIES **21500-Q700**



22080 TOP ASSEMBLY

4" PERFORATED PVC PIPE

24"

29000 BOTTOM ASSEMBLY

-X	CAULK OUTLET
-Y	PUSH-ON OUTLET
-T	THREADED OUTLET
-Z	NO-HUB OUTLET

PIPE SIZE
2"
3"
4"
5"
6"
8"

DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

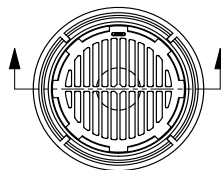
NOTES

SPECIFICATION:

JOSAM SERIES 29000-32200 ISOLATION COMBINATION DECK DRAIN, COATED CAST IRON DRAIN ASSEMBLIES WITH NON-PUNCTURING WEJLOC CLAMP RINGS.

DECK DRAIN
ISOLATION

SERIES **29000-32200**



SEE SPECIFIC DRAIN
DRAWINGS FOR MORE
DIMENSIONS AND
OPTIONS

Ø 15 1/4"

Ø 12 5/8"

32200 DRAIN ASSEMBLY

NO-HUB
CONNECTION SHOWN
OTHER TYPES AVAIL.

4" PIPE (BY OTHERS)

NON-PUNCTURING CLAMP RING
WITH GASKET FOR STANDPIPE

29000 DRAIN ASSEMBLY

PIPE
SIZE

Ø 15 1/4"

PIPE
SIZE

2"
3"
4"
5"
6"
8"

LOWER
OUTLET
TYPE

-X
-Y
-T
-Z

UPPER
OUTLET
TYPE

-X
-Y
-T
-Z

DATE OF LAST CHANGE: 10/25/12

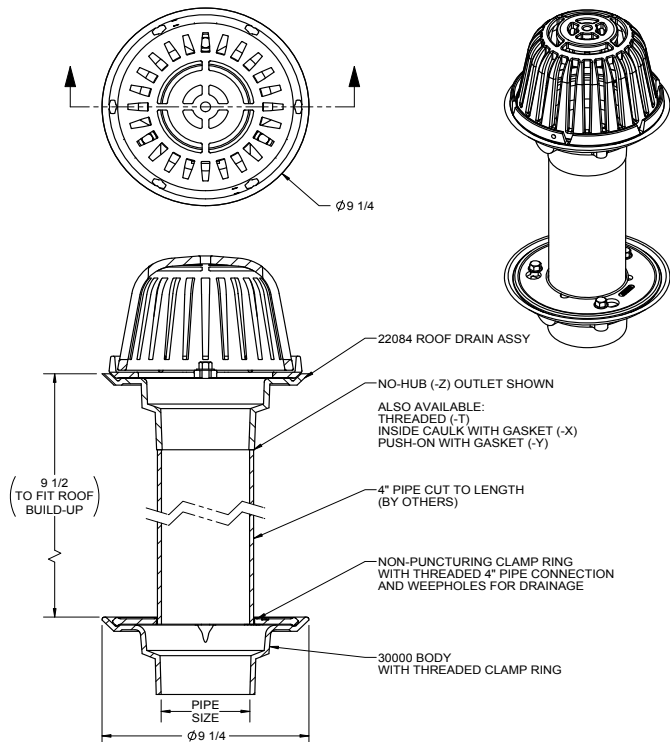
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 30000-22080 CAST IRON DRAIN, WEJLOC NON-PUNCTURING CLAMP RINGS, ADJUSTABLE HEIGHT ASSEMBLY, WEEPHOLES, CAST IRON DOME, AVAILABLE TRAP PRIMER CONNECTION, AND BOTTOM OUTLET.

**ROOF DRAIN
DECK STYLE WITH
SECONDARY DRAINAGE**
SERIES 30000-22080


DATE OF LAST CHANGE: 04/27/15

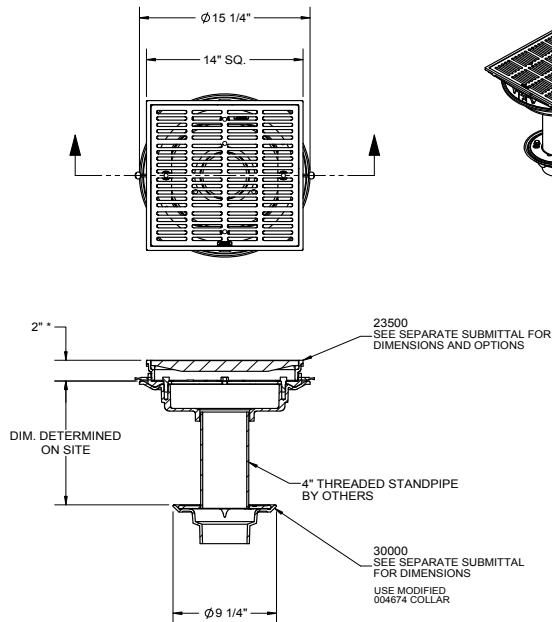
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 30000-23500 COATED CAST IRON COMBINATION DRAIN, SQUARE PEDESTRIAN TOP, WEJLOC NON-PUNCTURING CLAMP COLLARS, AND BOTTOM OUTLET.

**COMBINATION DRAIN
PROMENADE TOP**
SERIES 30000-23500


* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

DATE OF LAST CHANGE: 03/20/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

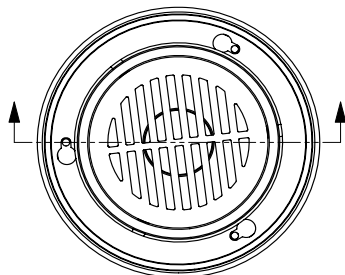
SPECIFICATION:

JOSAM SERIES 30000-32100-TG COATED CAST IRON COMBINATION DRAIN, 9" ROUND TRACTOR GRATE TOP, DOUBLE DRAINAGE FLANGE, AND WEJLOC NON-PUNCTURING CLAMP RINGS.

COMBINATION DRAIN

9" TRACTOR TOP

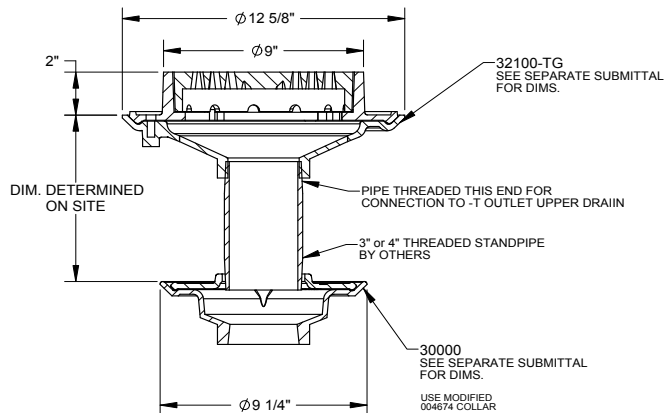
SERIES **30000-32100-TG**



STANDARD SUPPLIED
HARDWARE NOT SHOWN

UPPER DRAIN OUTLET SIZE
MUST EQUAL STANDPIPE SIZE

STANDPIPE SIZE
3"
4"



DATE OF LAST CHANGE: 10/26/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

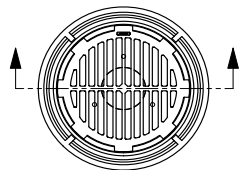
NOTES

SPECIFICATION:

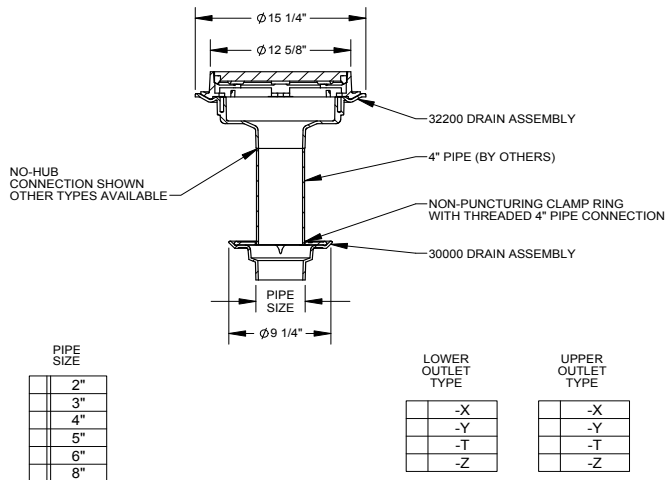
JOSAM SERIES 30000-32200 DECK DRAIN, COATED CAST IRON DRAIN ASSEMBLIES WITH NON-PUNCTURING WEJLOC CLAMP RINGS.

DECK DRAIN

SERIES **30000-32200**



SEE SPECIFIC DRAIN
DRAWINGS FOR MORE
DIMENSIONS AND OPTIONS



DATE OF LAST CHANGE: 10/25/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 30000-49360A COATED CAST IRON COMBINATION DRAIN, 12" SQUARE TOP, DOUBLE DRAINAGE FLANGE, AND WEJLOC NON-PUNCTURING CLAMP RINGS.

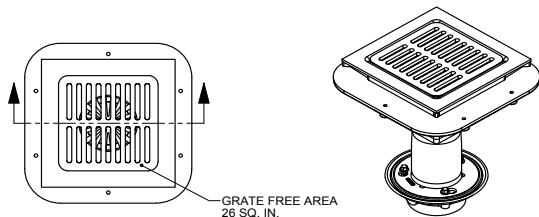
COMBINATION DRAIN

12" SQUARE TOP

SERIES **30000-49360A**

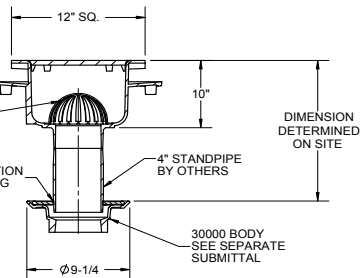
SLOT WIDTH 3/8"

UPPER DRAIN OUTLET MUST EQUAL STANDPIPE SIZE AND CONNECTION TYPE



49360A SERIES
SEE SEPARATE
SUBMITTAL
-X, -Y, OR -Z
OUTLETS AVAIL

ALUMINUM
DOME
4" THREADED STANDPIPE
BY OTHERS FOR CONNECTION
TO THREAD ON CLAMP RING
BOTTOM DRAIN

4" STANDPIPE
BY OTHERS30000 BODY
SEE SEPARATE
SUBMITTAL

DATE OF LAST CHANGE: 03/10/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

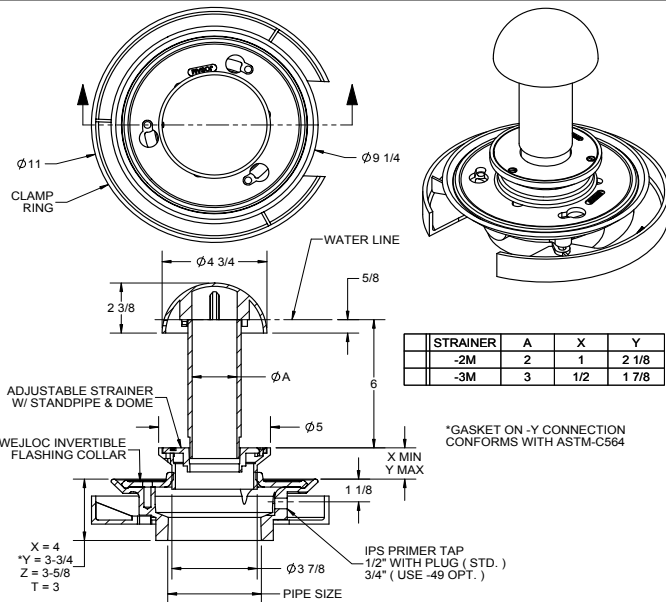
NOTES

SPECIFICATION:

JOSAM SERIES 30000-M-1-2 CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND CHROME PLATED ADJUSTABLE STANDPIPE WITH DOME.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30000-M-1-2**

STRAINER	A	X	Y
-2M	2	1	2 1/8
-3M	3	1/2	1 7/8

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

X = 4
*Y = 3-3/4
Z = 3-5/8
T = 3

2"	PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
3"	PIPE SIZE	X -2	BRONZE ADJUSTABLE STRAINER
4"	PIPE SIZE	-24	LESS DOME
-TSO	THREADED SIDE OUTLET	-PF	PERFORATED STANDPIPE
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)		
-PD	PRISON DRAIN (2" AND 3" ONLY)	-T	THREADED OUTLET
-ARE	ACID-RESISTING EPOXY	-X	INSIDE CAULK OUTLET
-49	3/4" PRIMER TAP	-Y	HUB OUTLET WITH GASKET*
-91	ROUGH BRONZE BODY	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/2015

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

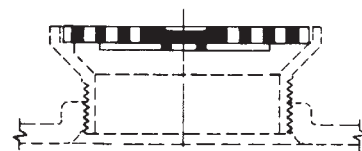
NOTES

WEIGHT LOADS

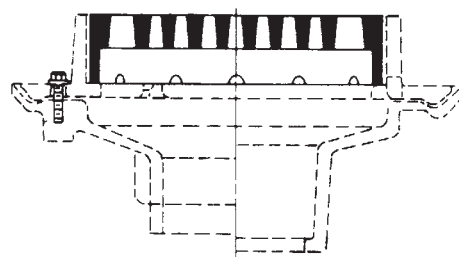
Apart from their primary purpose of receiving and conveying liquids, floor drains, as integral components of the floor, must be structurally suitable to withstand the anticipated loads that will be imposed on the floor. Weight support requirements of the drain vary with the location, construction, and service condition. The top loading classifications as published in Floor Drain Standard ANSI A112.21.1M-1980 are as follows:

- Light-Duty**— All grates testing under 2000 lb. (900 kg.).
- Medium-Duty**— All grates testing between 2000 lb. (900 kg.) and 4999 lb. (2250 kg.).
- Heavy-Duty**— All grates testing between 5000 lb. (2250 kg.) and 7499 lb. (3375 kg.).
- Extra Heavy-Duty**— All grates testing between 7500 lb. (3375 kg.) and 10,000 lb. (4500 kg.).
- Special-Duty**— Grates testing over 10,000 lb. (4500 kg.) should be considered special and treated accordingly.

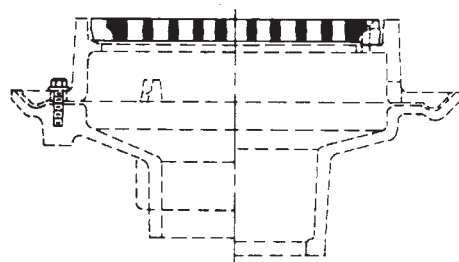
When the top loading requirements for a drain have been determined, the duty type needed can be resolved. Selection is easily accomplished as all JOSAM Floor Drains are classified according to duty type in this section. For specific detail loading data, contact JOSAM Engineering.



PEDESTRIAN GRATE

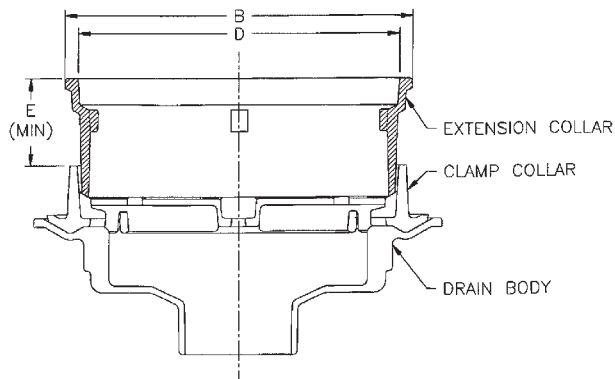


HEAVY-DUTY GRATE



MEDIUM-DUTY GRATE

-44 Option, Fixed Extension Collar



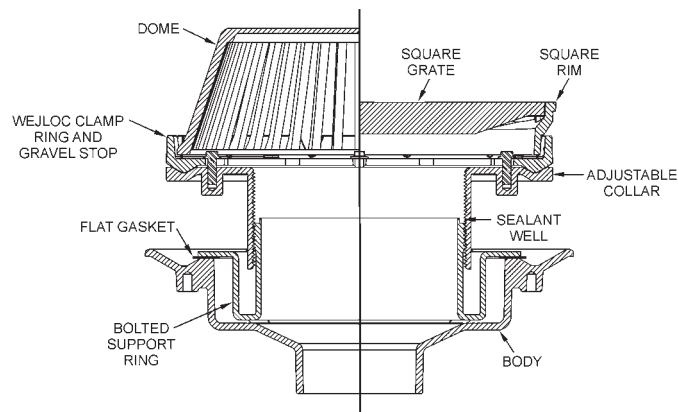
ORDERING INFORMATION

To specify or order a fixed extension collar with floor drain, add Option (-44) and height required to type number of drain.

Example: Type 32103 with a 6" extension would be designated: Type 32103 (-44)-6".

SERIES NO.	B In	D In	E In
32100, 32150, 32160	9-1/8	8-1/8	2
32200, 32300	12-5/8	11-3/4	2

(-AE) Option, LEVELEZE® Adjustable Extension

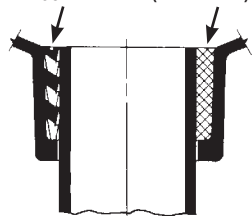


The adjustable integral top is mated to the body and support ring with a heavy machined thread which permits virtually unlimited top level adjustment to accommodate various deck thicknesses. The line contact between the threads provides positive circumferential support of the top at any adjusted elevation.

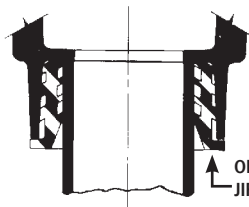
Outlet Connections

JOSAM drains are furnished with outlets for connection to most types of pipe. The timesaving, economical JIFFEE-JOINT Gasket is used for inside caulk connections (-X) to extra heavy or service weight soil pipe. No-hub spigot outlets (-Z) are also available for connection to no-hub soil pipe. The JIFFEE-SET Outlet (-Y) is for connecting hub outlet drains to PVC and ABS, service weight or no-hub soil pipe. Threaded outlets (-T) can be obtained on many series.

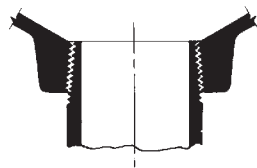
OPTIONAL JOSAM
JIFFEE-JOINT CONVENTIONAL CAULK
(BY OTHERS)



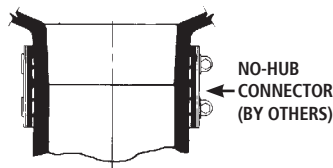
(-X) INSIDE CAULK CONNECTION



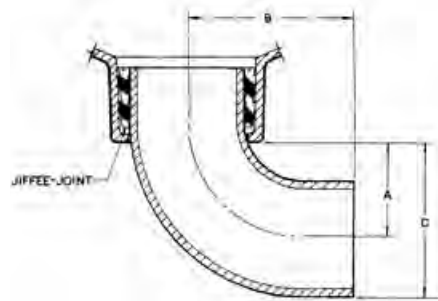
(-Y) HUB CONNECTION



(-T) THREADED CONNECTION



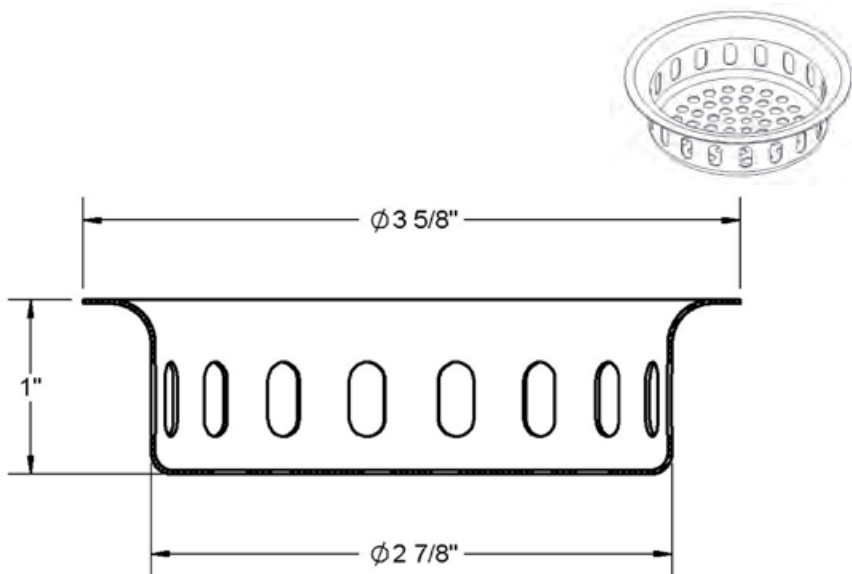
(-Z) NO-HUB CONNECTION



(-66) OPTION

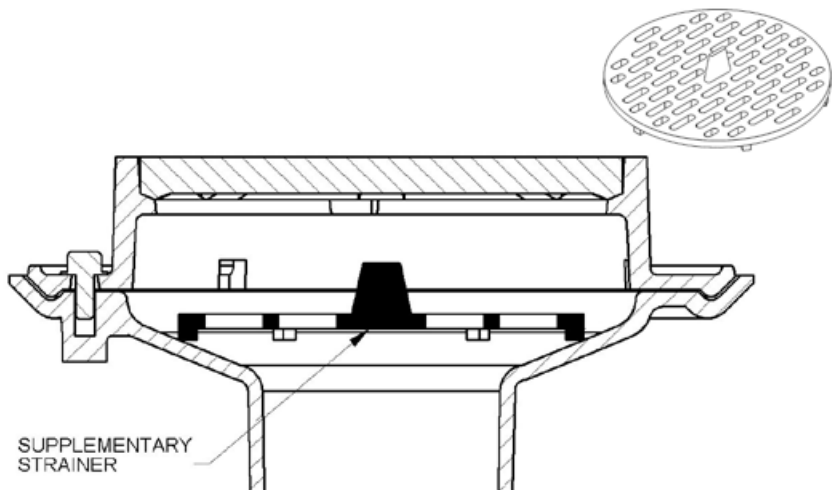
This option converts JOSAM bottom outlet inside caulk drains to no-hub side outlet drains using a 90° no-hub quarter bend and a JIFFEE-JOINT Gasket.

PIPE SIZE	A	B	C
2	2-1/2	4-1/2	3-5/8
3	2-13/16	5	4-1/2
4	3-1/2	5-1/2	5-11/16
5	4-5/16	6-1/2	6-15/16
6	4-13/16	7	7-15/16



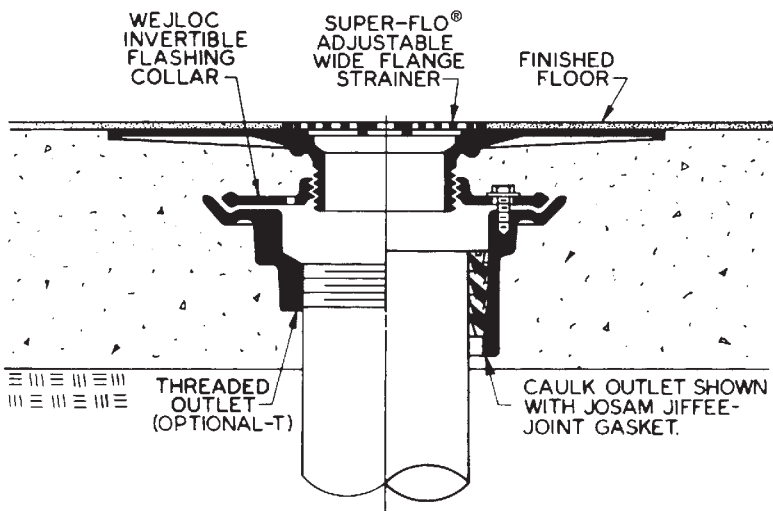
(-80) OPTION, PERFORATED STAINLESS STEEL BASKET

For use with all adjustable strainers to collect debris which may clog the waste line.

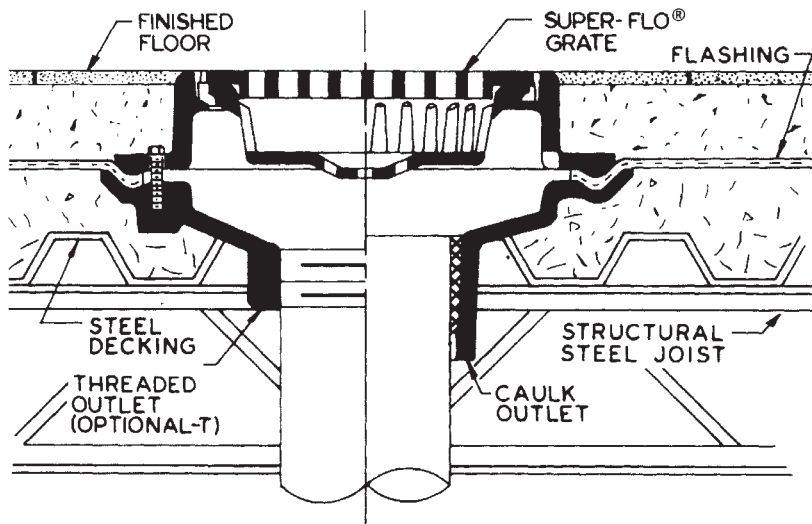


(-88) OPTION, SUPPLEMENTARY STRAINER

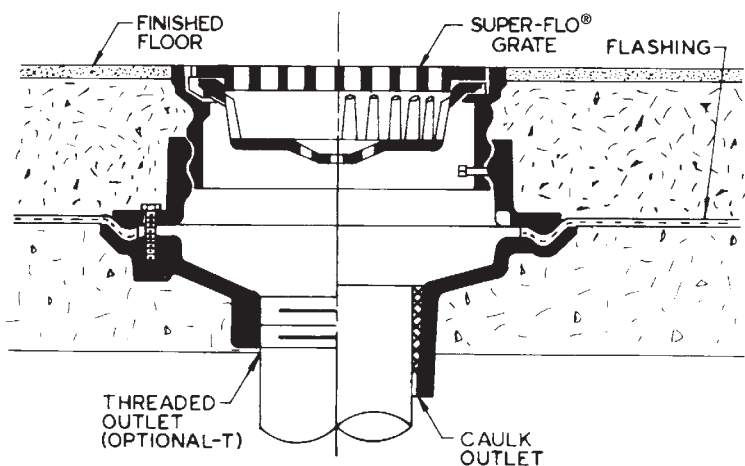
This option provides a secondary means of protection against blockage of drain lines. The openings in the supplementary strainer are smaller than the openings in the top grate, allowing it to intercept debris entering the interior of the drain. This option is primarily used in drains which don't offer a sediment bucket.



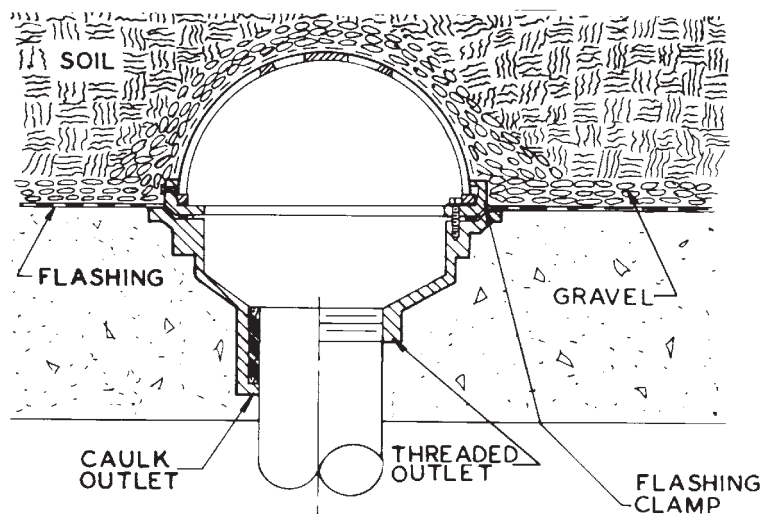
30000-WF6S Series SUPER-FLO® Adjustable Strainer Floor Drain shown installed in a composition deck floor. Wide flange assures that bonding of floor material is watertight and permanent.



32100-81 Series SUPER-FLO® Floor Drain shown installed in a medium-duty single-pour concrete floor supported by steel construction.



32100-AE-81 Series SUPER-FLO® Floor Drain shown installed in a poured concrete floor with floor finish. LEVELEZE® Adjustable Collar provides vertical adjustment, facilitating installation and forming a perfect surface between top of drain and floor finish.

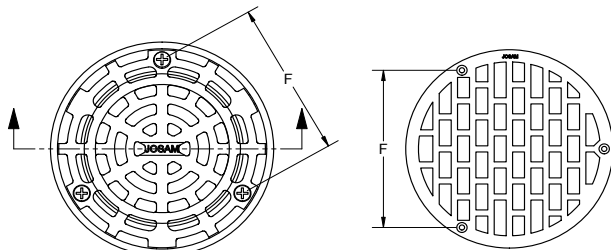


39600 Series Planting Area Drain shown in a typical installation providing drainage for an indoor planting area. Stainless mesh screen covered dome prevents entrance of dirt and gravel at the base of the planting area.

SPECIFICATION:

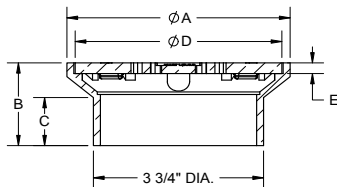
JOSAM SERIES "A" ADJUSTABLE SATIN FINISH NIKALOY ROUND "SUPER - FLO" STRAINER THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

 SERIES **A**


5A-6A-7A-8A
SLOT WIDTH : 1/4"
MEETS ADA AND HEEL-PROOF REQS.

9A-10A
SLOT WIDTH : 1/2"
MEETS ADA REQS.



TYPE NO.	A	B	C	D	E	F	FREE AREA	LBS.
5A	5	1-15/16	1-1/8	4-5/8	1/4	3-5/8	7.8	2
6A	6	2-1/4	15/16	5-1/4	1/4	4-11/64	11.0	3
7A	7	2-11/16	1-1/2	6-7/16	7/32	5-1/32	13.2	4
8A	8	2-1/2	7/8	7-1/8	7/32	5-3/4	16.2	5
9A*	9	2-1/4	1	8-1/8	7/32	6-7/16	21.1	7
10A*	10	2-1/4	1-1/8	9	9/32	7-27/64	28.0	9

* Not SUPER-FLO Design

-3	BUFF POLISH NIKALOY	-4	BUFF POLISH BRASS
-SS	STAINLESS STEEL (5A, 6A, 7A, 8A)	-CP	CHROME PLATED STRAINER (5A & 6A)
-2	BRONZE ADJUSTABLE STRAINER	-J	BACKWATER VALVE
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 10/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

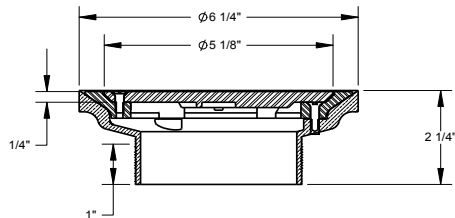
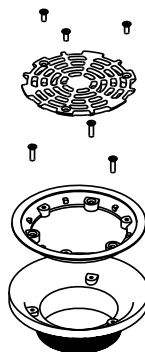
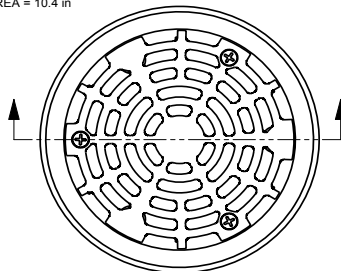
SPECIFICATION:

JOSAM SERIES 6AD ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO STRAINER THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

 SERIES **6AD**

SLOT WIDTH 1/4"
FREE AREA = 10.4 in²



-2	SATIN FINISH BRONZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-80	PERFORATED SS BASKET	-J	BACKWATER VALVE

DATE OF LAST CHANGE: 10/08/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

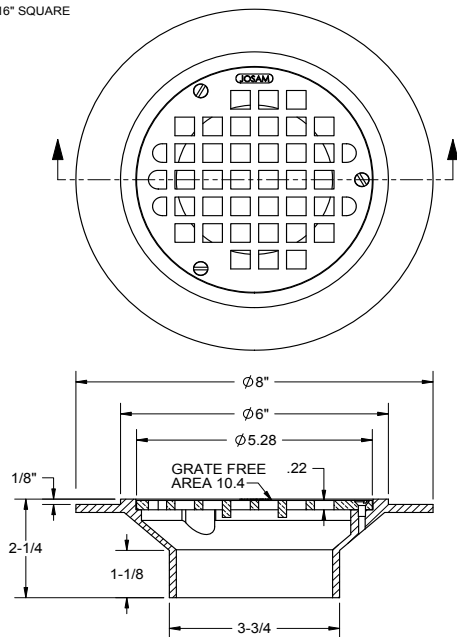
SPECIFICATION:

JOSAM SERIES "AF" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH WIDE FLANGE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **AF**

SLOT SIZE 7/16" SQUARE



	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 7/13/2010
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

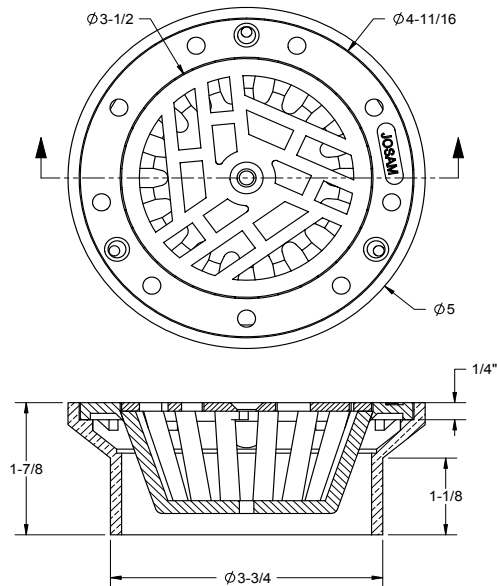
NOTES

SPECIFICATION:

JOSAM SERIES "C" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH INTEGRAL SEDIMENT BUCKET, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **C**



	STRAINER	FREE AREA			OPTIONS
X	5C	4.5		-2	BRONZE ADJUSTABLE STRAINER
				-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 7/14/2010
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

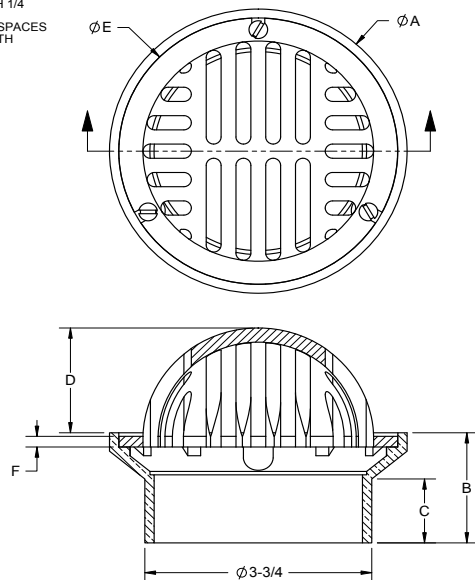
JOSAM SERIES "D" ADJUSTABLE SATIN FINISH NIKALOY ROUND DOMED STRAINER, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **D**

SLOT WIDTH 1/4"

ALL RIBS & SPACES
EQUAL WIDTH



	TYPE NO.	A	B	C	D	E	F	FREE AREA	LBS.
	5D	5	1-7/8	1	1-7/8	4-3/4	3/16	8.1	2
	6D	6	2-1/4	1	1-3/4	5-1/4	7/32	8.1	3

	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 7/14/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

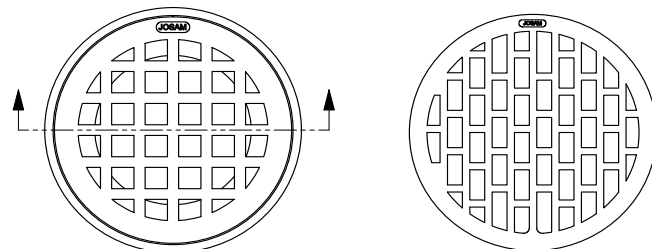
SPECIFICATION:

JOSAM SERIES "E" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH TRACTOR GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN

ADJUSTABLE STRAINER

SERIES **E**



6E -7E
SLOT WIDTH : 1/2"

9E
SLOT WIDTH : 1/2"

	TYPE No.	A	B	C	D	E	F	FREE AREA	LBS.
	6E	6	3-3/8	1	5-1/4	1/4	1-1/4	6.7	5
	7E	7	3	1-1/8	6-1/2	5/16	15/16	12.0	6
	9E	9	3-1/8	7/8	8-1/4	5/16	1 7/16	21.2	11

OPTIONS:

	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
		PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-93	CAST IRON STRAINER (7E ONLY)		-SS	STAINLESS STEEL (AVAILABLE FOR 6E OR 7E)

DATE OF LAST CHANGE: 04/23/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

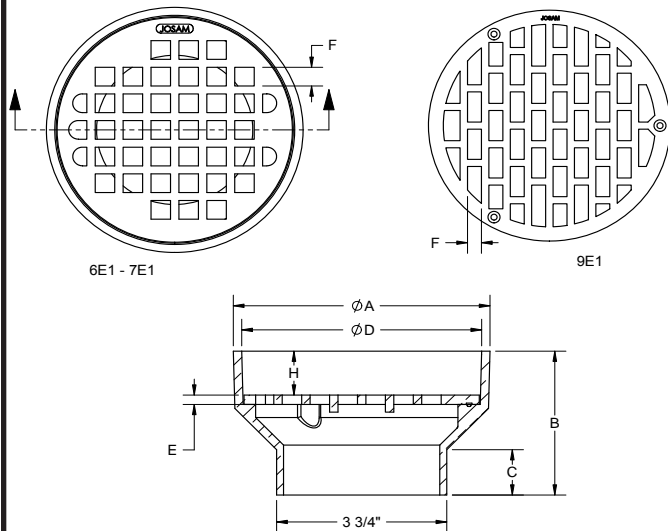
NOTES

SPECIFICATION:

JOSAM SERIES "E1" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH EXTENDED RIM, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **E1**



	TYPE No.	A	B	C	D	E	F	H	FREE AREA	LBS.
	6E1	5-3/4	3-3/8	1	1-1/4	7/32	7/16	1-1/4	4	5
	7E1	7-1/8	3	1-1/8	6-3/8	7/32	3/8	1	8.2	7
	9E1	8-7/8	3-1/8	7/8	8-3/8	9/32	1/2	1-1/2	21.2	9

	-2	BRONZE ADJUSTABLE STRAINER			-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET			-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 07/12/10
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

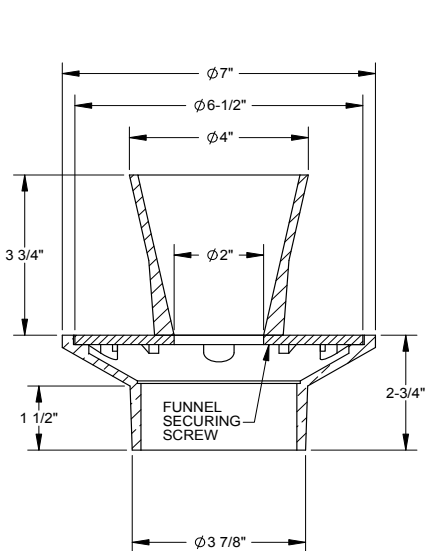
NOTES

SPECIFICATION:

JOSAM SERIES "E2" ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO® STRAINER WITH SECURED ROUND FUNNEL, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **E2**



	STRAINER	FREE AREA			
X	7E2	3.3			
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

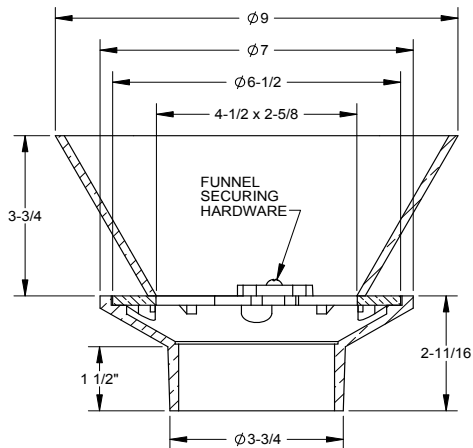
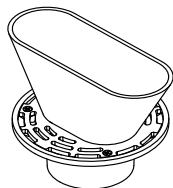
DATE OF LAST CHANGE: 04/23/15
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES "E3" ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO® STRAINER WITH SECURED OVAL FUNNEL, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**
SERIES E3


X	-7E3	STRAINER			
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

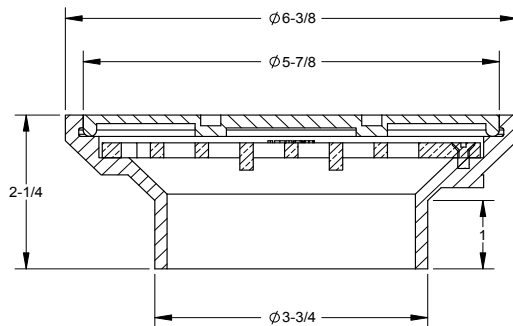
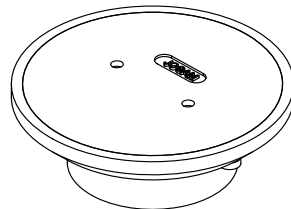
DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES
SPECIFICATION:

JOSAM SERIES "F" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH SOLID THREADED COVER AND INTERNAL GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**
SERIES F


	STRAINER	FREE AREA			
X	-6F	6.2			
	-2	BRONZE ADJUSTABLE STRAINER		-80	PERFORATED STAINLESS STEEL BASKET
	-63	SPANNER WRENCH		-J	BACKWATER VALVE

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

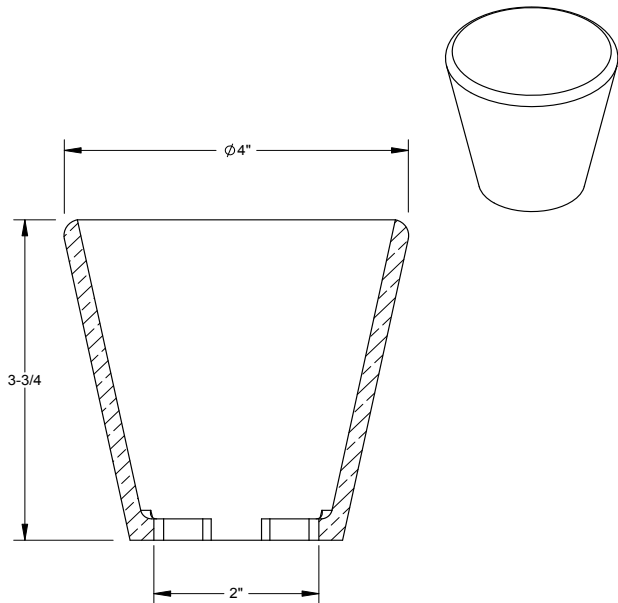
NOTES

SPECIFICATION:

JOSAM SERIES "F4" SATIN FINISH NIKALOY ROUND FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS (SCREWS NOT SHOWN)

FLOOR DRAIN FUNNEL

SERIES **F4**



-2	SATIN FINISH BRONZE
-92	GALVANIZED CAST IRON
-93	CAST IRON

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

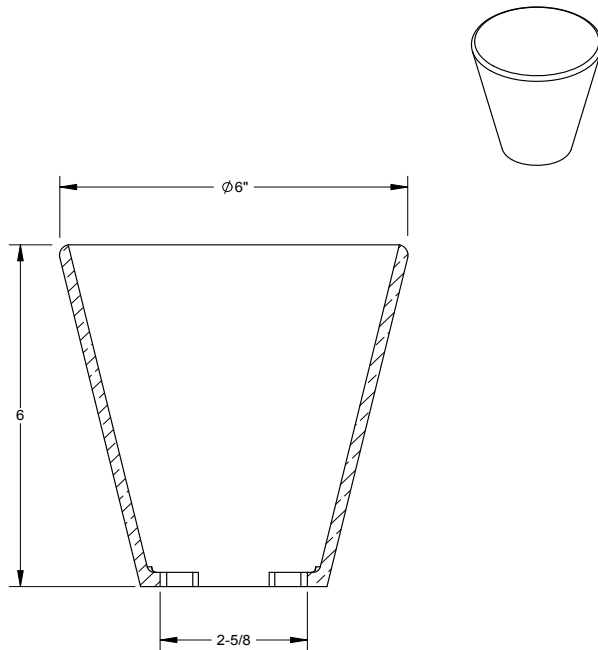
NOTES

SPECIFICATION:

JOSAM SERIES "F6" SATIN FINISH NIKALOY ROUND FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS (SCREWS NOT SHOWN)

FLOOR DRAIN FUNNEL

SERIES **F6**



-2	SATIN FINISH BRONZE
-92	GALVANIZED CAST IRON
-93	CAST IRON

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

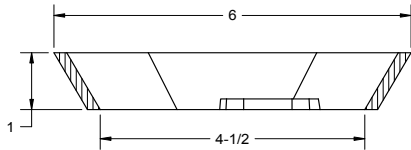
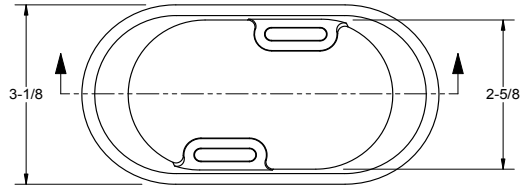
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES "F8" SATIN FINISH NIKALOY OVAL FUNNEL FOR ATTACHMENT TO ANY FLAT GRGATE BY SECURING SCREWS. (SCREWS NOT SHOWN)

**FLOOR DRAIN
FUNNEL**

 SERIES **F8**


	-2	SATIN FINISH BRONZE					
	-92	GALVANIZED CAST IRON					
	-93	CAST IRON					

DATE OF LAST CHANGE: 7/20/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

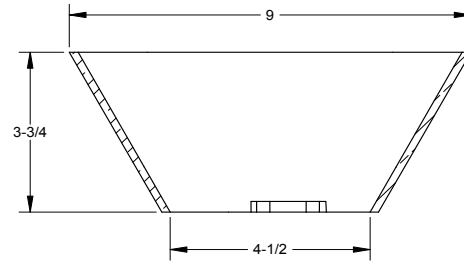
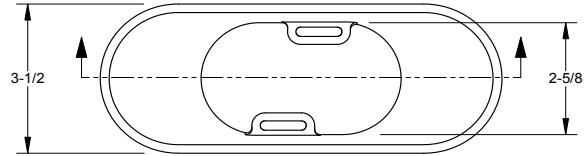
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES "F9" SATIN FINISH NIKALOY OVAL FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS. (SCREWS NOT SHOWN)

**FLOOR DRAIN
FUNNEL**

 SERIES **F9**


	-2	SATIN FINISH BRONZE					
	-92	GALVANIZED CAST IRON					
	-93	CAST IRON					

DATE OF LAST CHANGE: 7/21/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

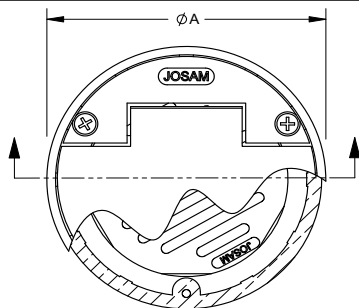
SPECIFICATION:

JOSAM SERIES G ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH SOLID HINGED COVER AND INTERNAL STRAINER GRATE THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD

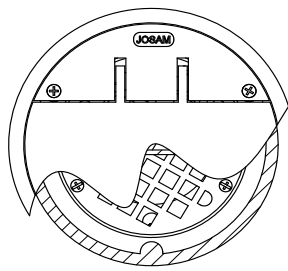
FLOOR DRAIN

ROUND NIKALOY STRAINER
WITH SOLID HINGED COVER

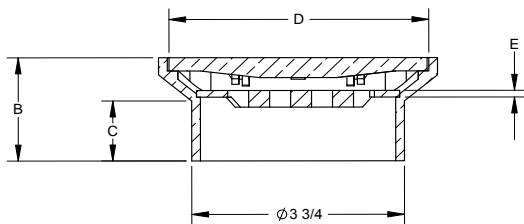
SERIES

G

TYPE NO.	5G	6G	7G
SLOTS WIDTH	3/16	3/16	5/16



TYPE NO.	8G
SLOTS WIDTH	7/16



	-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	E	FREE AREA
	-J	BACKWATER VALVE			-5G	5	2	1-1/8	4-5/8	1/4	4.1
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-6G	6	2-1/4	15/16	5-1/4	3/16	4.5
					-7G	7	3-1/4	2	6-1/2	3/16	5.7
					-8G	8	3-1/4	1-1/8	7-1/8	7/32	7.8

DATE OF LAST CHANGE: 7/26/2010
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

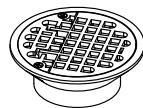
JOSAM SERIES "H" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH HINGED GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN
ADJUSTABLE STRAINER

SERIES

H

5H
SLOT WIDTH: 5/16"



6H
SLOT WIDTH: 7/16" x 7/16"

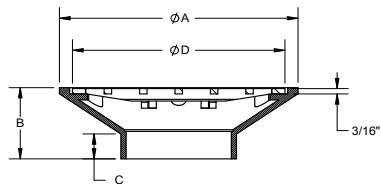
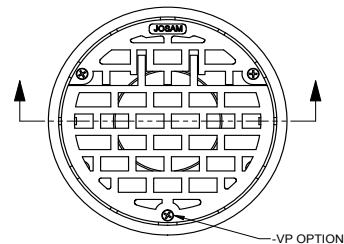


7H
SLOT WIDTH: 1/2" x 1"



8H
SLOT WIDTH: 1/2" x 1"

(-VP OPTION SHOWN)

**OPTIONS:**

	-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	FREE AREA
	-J	BACKWATER VALVE			-5H	5	2	1-1/8	4-5/8	6.0
					-6H	6	2-1/4	1-1/8	5-1/4	7.8
	-8H	PERFORATED STAINLESS STEEL BASKET			-7H	7	2-1/8	1	6-1/2	12.2
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-8H	8	2-1/2	1	7-1/8	16.1

DATE OF LAST CHANGE: 11/20/14
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

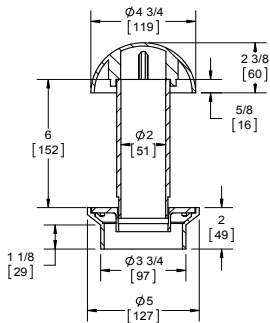
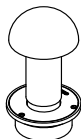
JOSAM SERIES M CHROME-PLATED 6" HIGH STANDPIPE WITH DOME THREADED INTO SATIN NIKALOY ADJUSTABLE COLLAR, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STANDPIPE**

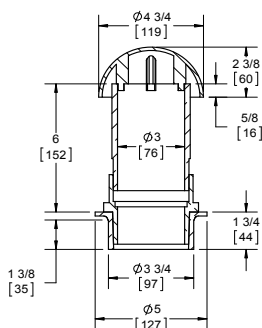
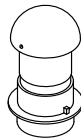
SERIES

M

□ 2M



□ 3M



-2	BRONZE ADJUSTABLE STRAINER
-24	LESS DOME
-PF	PERFORATED STANDPIPE

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

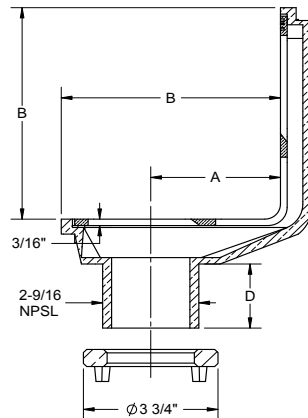
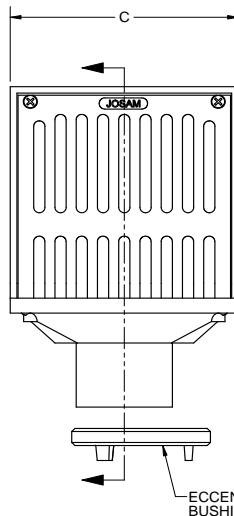
JOSAM SERIES "P" ADJUSTABLE SATIN FINISH NIKALOY ANGLE STRAINER WITH ANGLE BODY AND GRATE, AND ECCENTRIC BUSHING, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

SERIES

P

SLOT WIDTHS 9/32"



		-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	FREE AREA
		-80	PERFORATED STAINLESS STEEL BASKET			-4P	2-1/4	3-1/4	4-1/4	1	8.9
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-6P	3-1/8	6-1/8	6-1/4	1-1/2	18.7

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

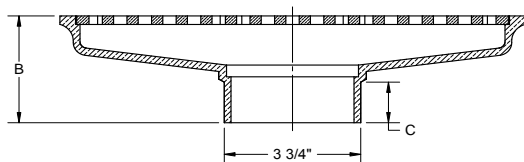
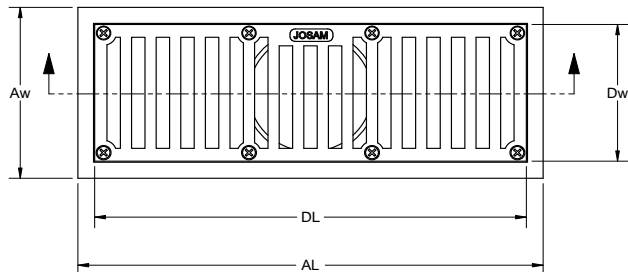
NOTES

SPECIFICATION:

JOSAM SERIES "R" ADJUSTABLE SATIN FINISH NIKALOY
RECTANGULAR STRAINER, THREADED WITH
JOSAM ADJUSTABLE STRAINER THREAD

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **R**



-2	BRONZE ADJUSTABLE STRAINER
-80	PERFORATED STAINLESS STEEL BASKET
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF

	STRAINER	AL	Aw	B	C	DL	Dw	FREE AREA
	-5R	9	5	3-1/4	1-1/8	8-3/8	4-3/8	14.9
	-6R	13	5	3-1/4	1-3/8	12	4	20.0
	-7R	17	5	3-1/4	1-3/8	16-1/4	4-3/8	22.4
	-8R	21	5	3-1/4	1-1/4	20-3/8	4-3/8	47.0

DATE OF LAST CHANGE: 05/04/15

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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

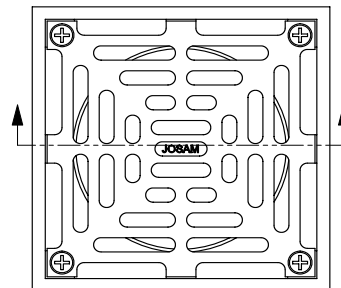
SPECIFICATION:

JOSAM SERIES "S" ADJUSTABLE SATIN FINISH NIKALOY SQUARE
"SUPER - FLO" ® STRAINER THREADED WITH JOSAM ADJUSTABLE
STRAINER THREAD.

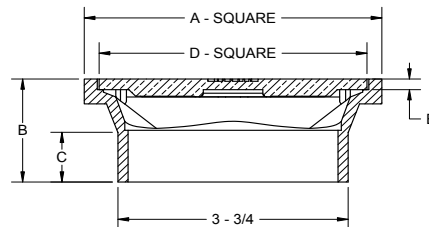
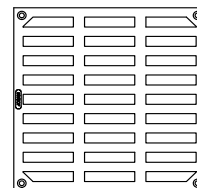
FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **S**

5S, 6S, 8S: SLOT WIDTH 1/4"



9S: SLOT WIDTH 1/2"



	STRAINER	A	B	C	D	E	FREE AREA
	-5S	5	1-3/4	7/8	4-1/2	3/16	9.1
	-6S	6	2-1/8	1	5-5/8	3/16	13.8
	-8S	8	2-3/8	1	7-1/2	3/16	24.5
	-9S*	9	2-3/8	1	8-5/8	7/32	28.0

* NOT "SUPER - FLO" ® DESIGN

	-SS	STAINLESS STEEL (5S, 6S, 7S, & 8S)		-CP	CHROME PLATED STRAINER (5S & 6S)
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 10/14/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

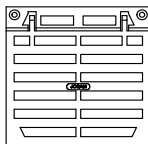
SPECIFICATION:

JOSAM SERIES "T" ADJUSTABLE SATIN FINISH NIKALOY SQUARE STRAINER WITH HINGED GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

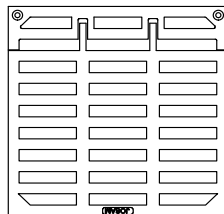
FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **T**

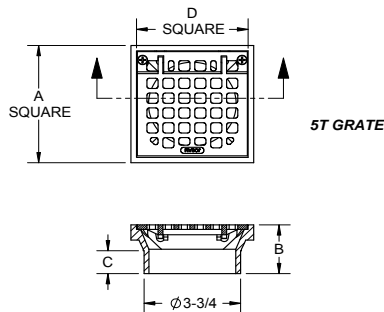
OPENING SIZE 7/16"



6T GRATE



9T GRATE



5T GRATE

OPTIONS:

-2	BRONZE ADJUSTABLE STRAINER							
-80	PERFORATED STAINLESS STEEL BASKET							
-J	BACKWATER VALVE							
-SC	SOLID COVER (6T ONLY) (WAS -Q166)							
-VP	SECURED GRATE, VANDAL-PROOF SCREWS							
-SS	STAINLESS STEEL (6T-SC ONLY)							

DATE OF LAST CHANGE: 01/11/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

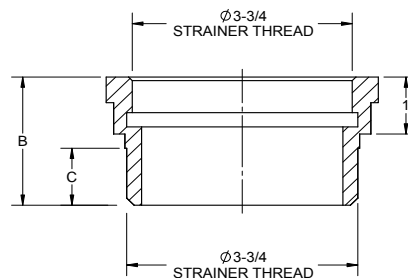
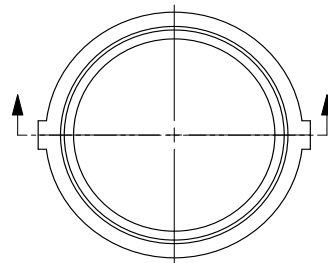
NOTES

SPECIFICATION:

JOSAM "W" SERIES STRAINER EXTENSION, USED TO EXTEND AN ADJUSTABLE STRAINER TO BE RAISED TO ACCOMMODATE DEEPER FLOOR FILL.

STRAINER EXTENSION ADJUSTABLE STRAINER

SERIES **W**



	PART NO.	DIM "B"	DIM "C"	LBS.
	2W	2-1/4	1	1.55
	4W	4-1/8	2-5/8	2.55
	6W	6	4-5/8	3.75

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

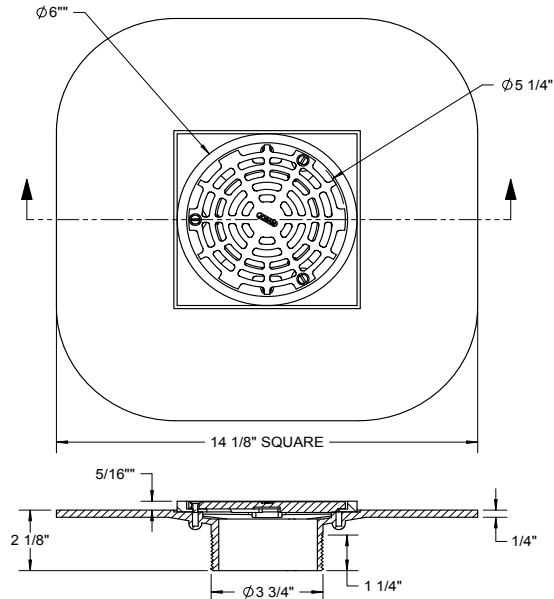
JOSAM SERIES WF6A ADJUSTABLE COATED CAST IRON SQUARE WIDE FLANGE STRAINER BODY WITH ROUND SATIN FINISH NIKALOY SUPER-FLO® RIM AND GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES

WF6A

SLOT SIZE 1/4"



-2	BRONZE ADJUSTABLE STRAINER
-80	PERFORATED STAINLESS STEEL BASKET
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/23/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

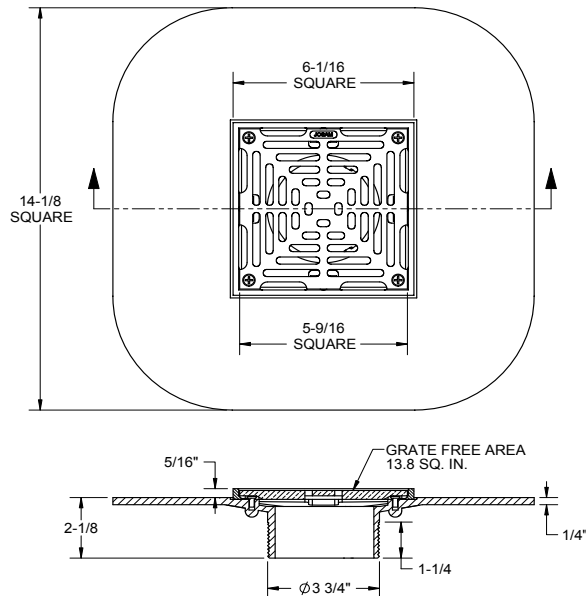
JOSAM SERIES WF6S ADJUSTABLE COATED CAST IRON SQUARE GRATE, WIDE FLANGE STRAINER BODY, WITH SQUARE SATIN FINISH NIKALOY SUPER-FLO® RIM AND GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES

WF6S

SLOT SIZE 1/4"



-2	BRONZE
-80	PERFORATED STAINLESS STEEL BASKET
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

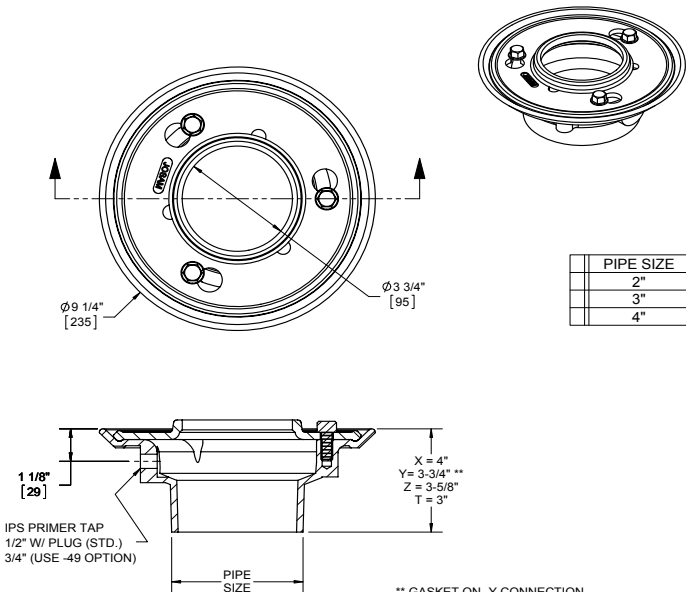
NOTES

SPECIFICATION:

JOSAM 30000 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, BOTTOM OUTLET CONNECTION, WEJLOC INVERTIBLE FLASHING COLLAR, WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER.

FLOOR DRAIN BODY ONLY

SERIES **30000**



-TSO	THREADED SIDE OUTLET*
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)*
-PD	PRISON DRAIN (2" AND 3" ONLY)*
-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP

-91	ROUGH BRONZE BODY
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET**
-Z	NO-HUB SPIGOT OUTLET

*SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

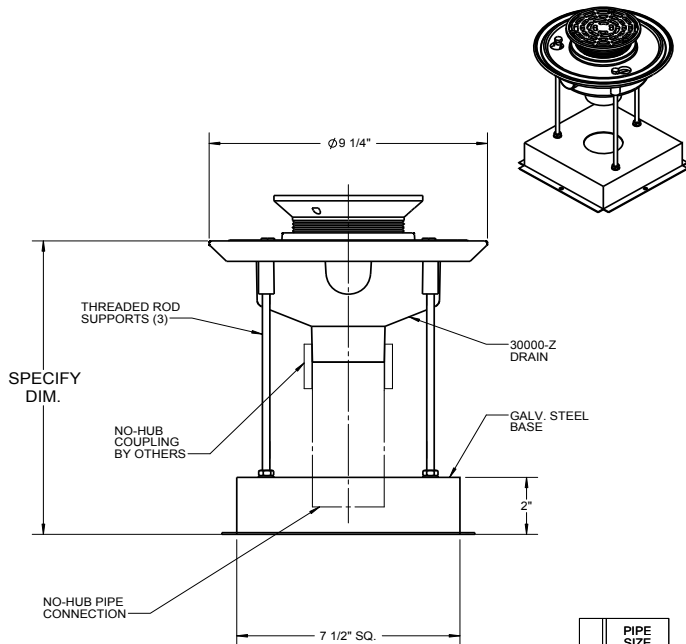
NOTES

SPECIFICATION:

30000-PFB SERIES FLOOR DRAIN ASSEMBLY, GALVANIZED STEEL DRAIN BASE AND 2-PIECE COATED CAST IRON BODY, DOUBLE DRAINAGE FLANGE, WEJLOC FLASHING COLLAR WITH WEEPHOLES THREADED TO RECEIVE ADJUSTABLE STRAINER, NO-HUB BOTTOM OUTLET AND THREADED ROD AND HARDWARE FOR HEIGHT ADJUSTMENT.

FLOOR DRAIN ADJUSTABLE BASE

SERIES **30000-PFB**



DATE OF LAST CHANGE: 05/04/15

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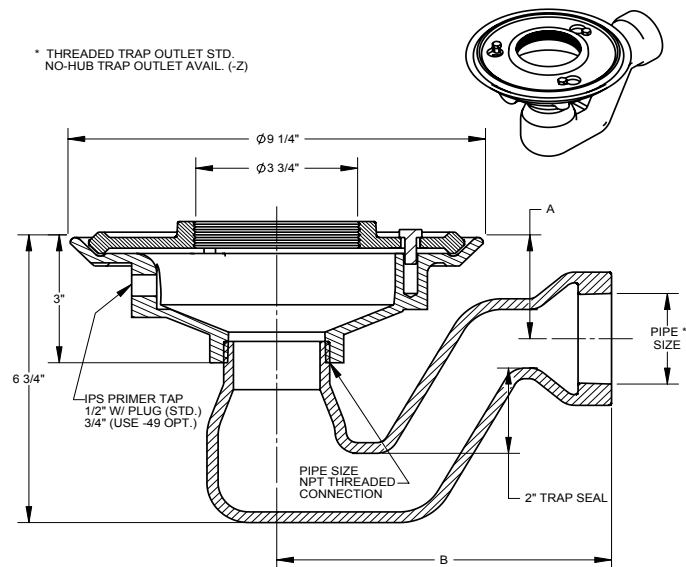
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 30000-ST COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE CLAMP COLLAR THREADED FOR JOSAM ADJUSTABLE STRAINERS WITH SIDE OUTLET SHALLOW TRAP.

SERIES

30000-STFLOOR DRAIN
WITH SHALLOW TRAP

MODEL	PIPE SIZE	A	B
30002-ST	2	2-1/2"	7-1/2"
30002-ST-Z	2	2-1/2"	8"
30003-ST	3	2-1/4"	9-7/8"
30003-ST-Z	3	2-1/4"	10-1/4"

OPTIONS

-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP
-92	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SIDE OUTLET TRAP

DATE OF LAST CHANGE: 06/18/08

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

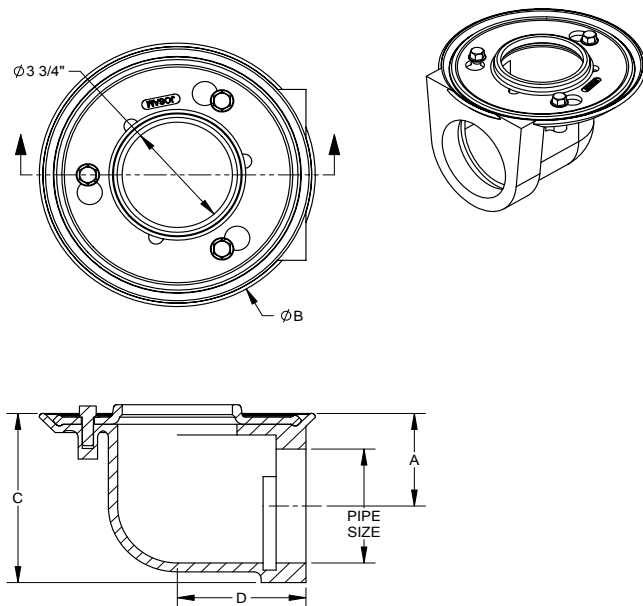
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 30000-TSO SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC®NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER.

SERIES

30000-TSOFLOOR DRAIN
BODY ONLY

X	-TSO	THREADED SIDE OUTLET
	-ARE	ACID-RESISTING EPOXY
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-92	GALVANIZED CAST IRON PARTS

PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

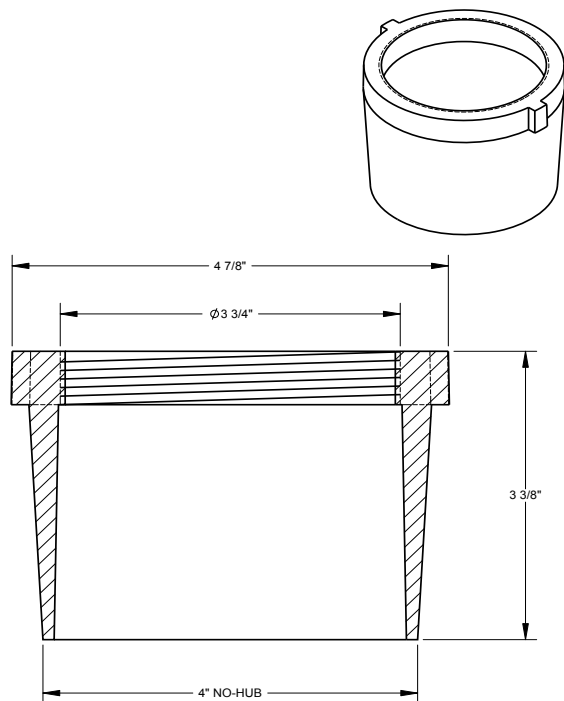
SPECIFICATION:

JOSAM 30304-Z SERIES COATED CAST IRON BODY THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINERS, NO-HUB BOTTOM OUTLET

FLOOR DRAIN

NO-HUB BODY 4"

SERIES **30304-Z**



DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

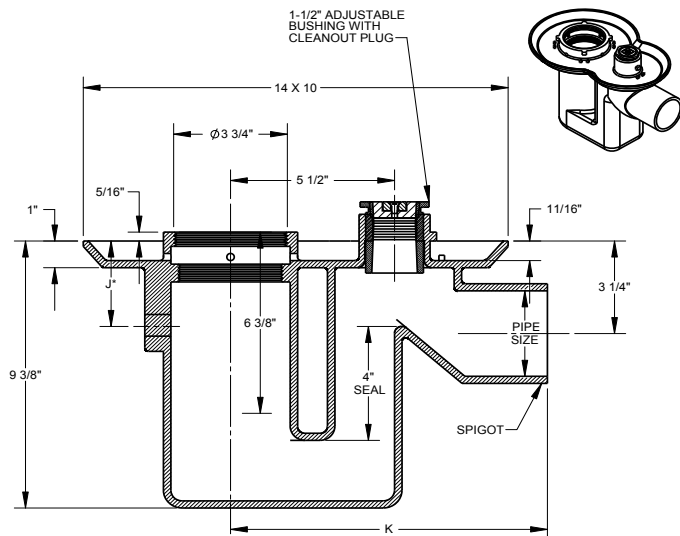
SPECIFICATION:

JOSAM 30500 SERIES COATED CAST IRON COMBINED FLOOR DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLES, BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINERS.

FLOOR DRAIN

BODY ONLY

SERIES **30500**



* IPS PRIMER TAPPING (-49) & (-50)
AUX. THREADED INLET (-51) & (-52)

OPTIONS

	MODEL	PIPE SIZE	J*	K
	30502	2"	3	14-1/8
	30503	3"	3-1/2	11
	30504	4"	4-1/8	11

	-C	BOLTED FLASHING CLAMP DEVICE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-51	1-1/2" THREADED AUXILIARY INLET
	-52	2" THREADED AUXILIARY INLET
	-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

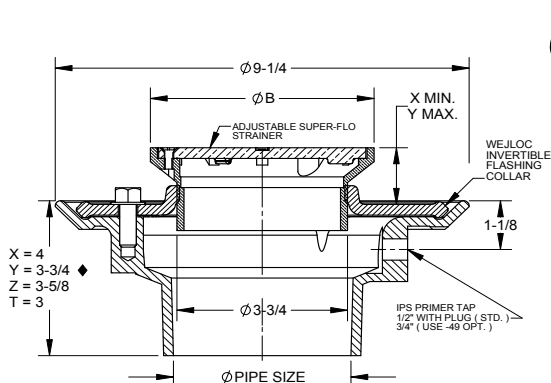
NOTES

SPECIFICATION:

JOSAM SERIES 30000-A CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND SUPER-FLO STRAINER.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-A**



STRAINER	DIA. B	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2
-9A	9	1-1/8	2-1/4	21.1
-10A	10	1-1/8	2-3/8	28.0

SLOT WIDTH 1/4" (5" THRU 8" TOPS)

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

■ NOT SUPER-FLO DESIGN, 1" x 1/2" OPENINGS

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

2"	PIPE SIZE	▼	-J	BACKWATER VALVE
3"	PIPE SIZE	▼	-PD	PRISON DRAIN (2" & 3" SIZES ONLY)
4"	PIPE SIZE	▼	-SS	STAINLESS STEEL
		▼	-ST	WITH SHALLOW TRAP (2" & 3" SIZES ONLY)
-2	BRONZE ADJUSTABLE STRAINER	▼	-TSO	THREADED SIDE OUTLET
-49	3/4" PRIMER TAP		-VP	SECURED GRATE
-80	PERFORATED STAINLESS STEEL BASKET		-T	THREADED OUTLET
-91	ROUGH BRONZE BODY		-X	INSIDE CAULK OUTLET
-92	GALVANIZED CAST IRON PARTS		-Y	HUB OUTLET WITH GASKET ◆
			-Z	NO-HUB SPIGOT OUTLET
-ARE	ACID-RESISTING EPOXY			
-CP	CHROME PLATED STRAINER (5A & 6A)			

DATE OF LAST CHANGE: 04/24/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

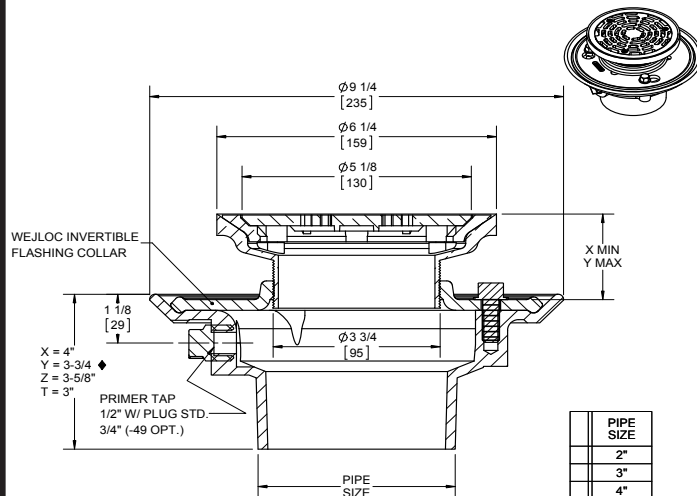
NOTES

SPECIFICATION:

JOSAM 30000-6AD SERIES CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, NIKALOY 6" ADJUSTABLE ROUND STRAINER WITH CLAMPING COLLAR TO SECURE FLASHING OR WATER PROOFING AT FINISHED FLOOR.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-6AD**



TYPE	X	Y	FREE AREA
30000-6AD	1-1/8	2-3/4	10.4

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-2	BRONZE ADJ. STRAINER
-49	3/4" PRIMER TAP
-66	NO-HUB SIDE OUTLET
-80	PERFORATED SS BASKET
-92	GALVANIZED CAST IRON PARTS

-VP	SECURED GRATE, VP SCREWS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET ◆
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

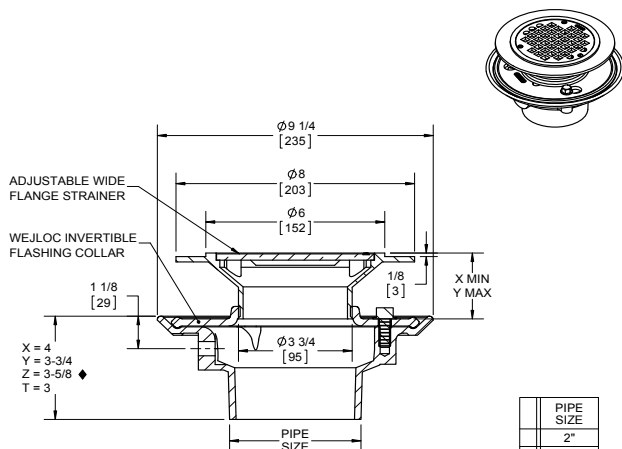
NOTES

SPECIFICATION:

JOSAM SERIES 30000-AF CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH TILE FLANGE.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-AF**



STRAINER	X	Y	FREE AREA
-6AF	1-1/4	2-3/8	10.4

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-2	BRONZE ADJUSTABLE STRAINER	-ST	WITH SHALLOW TRAP (2" & 3" SIZES ONLY)
-49	3/4" PRIMER TAP	-TSO	THREADED SIDE OUTLET
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE
-91	ROUGH BRONZE BODY		
-92	GALVANIZED CAST IRON PARTS	-T	THREADED OUTLET
-J	BACKWATER VALVE	-X	INSIDE CAULK OUTLET
-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET ◆
-PD	PRISON DRAIN (2" AND 3" SIZES ONLY)	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

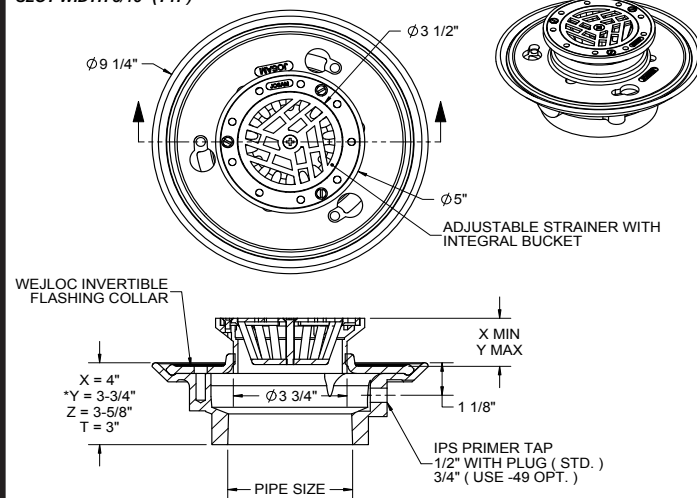
SPECIFICATION:

JOSAM SERIES 30000-C CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND "C" SERIES NON-CLOG STRAINER WITH BUCKET.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-C**

SLOT WIDTH 5/16" (TYP)



STRAINER	X	Y	FREE AREA
-5C	3/4	1-7/8	4.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2"	PIPE SIZE	-91	ROUGH BRONZE BODY
3"	PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
4"	PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-TSO	THREADED SIDE OUTLET		
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)	-T	THREADED OUTLET
-PD	PRISON DRAIN (2" AND 3" ONLY)	-X	INSIDE CAULK OUTLET
-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET*
-49	3/4" PRIMER TAP	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

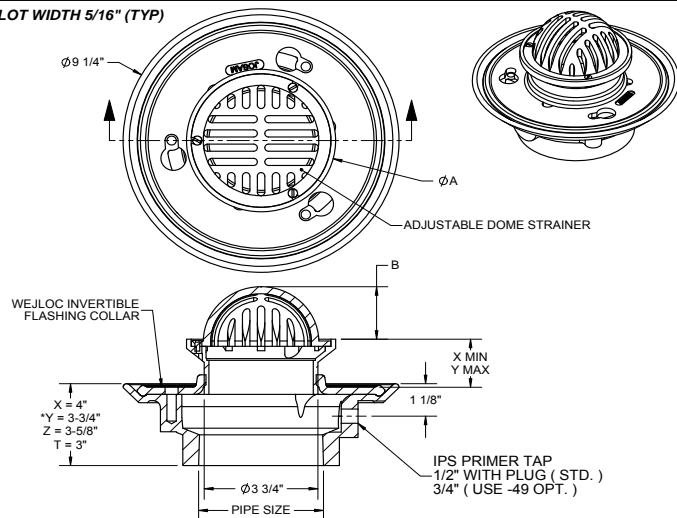
JOSAM SERIES 30000-D CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE DOME STRAINER.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30000-D**

SLOT WIDTH 5/16" (TYP)



STRAINER	A	B	X	Y	FREE AREA
-5D	5	1-7/8	3/4	2-1/8	8.1
-6D	6	1-3/4	1-1/4	2-3/8	8.1

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80	PERFORATED STAINLESS STEEL BASKET
	-CP	CHROME PLATED STRAINER
-TSO THREADED SIDE OUTLET	-J	BACKWATER VALVE
-WT WITH TRAP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN	-T	THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X	INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y	HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/2014
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

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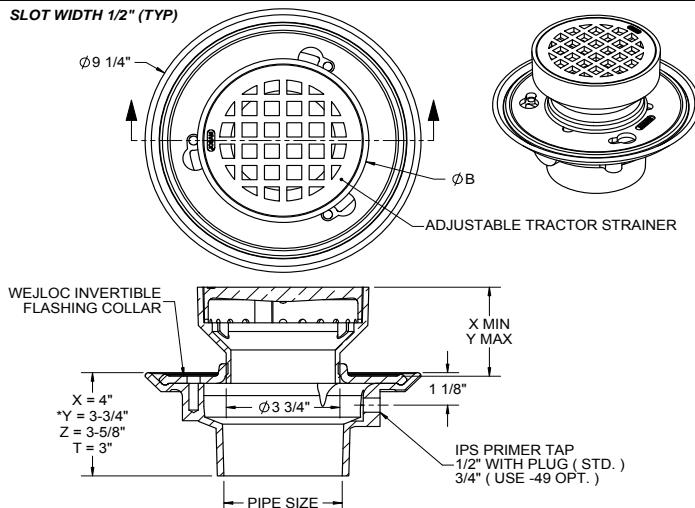
JOSAM SERIES 30000-E CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH TRACTOR GRATE.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30000-E**

SLOT WIDTH 1/2" (TYP)



STRAINER	B	X	Y	FREE AREA
-6E	6	2-1/4	3-1/2	6.7
-7E	7	1-7/8	3-1/8	12.0
-9E	9	2-1/4	3-3/8	21.2

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-93	CAST IRON STRAINER (7E ONLY)
3" PIPE SIZE	-SS	STAINLESS STEEL TOP (6E OR 7E ONLY)
4" PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
-TSO THREADED SIDE OUTLET	-80	PERFORATED STAINLESS STEEL BASKET
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-J	BACKWATER VALVE
-PD PRISON DRAIN (2" AND 3" ONLY)	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE ACID-RESISTING EPOXY	-T	THREADED OUTLET
-49 3/4" PRIMER TAP	-X	INSIDE CAULK OUTLET
-91 ROUGH BRONZE BODY	-Y	HUB OUTLET WITH GASKET*
-92 GALVANIZED CAST IRON PARTS	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/15
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

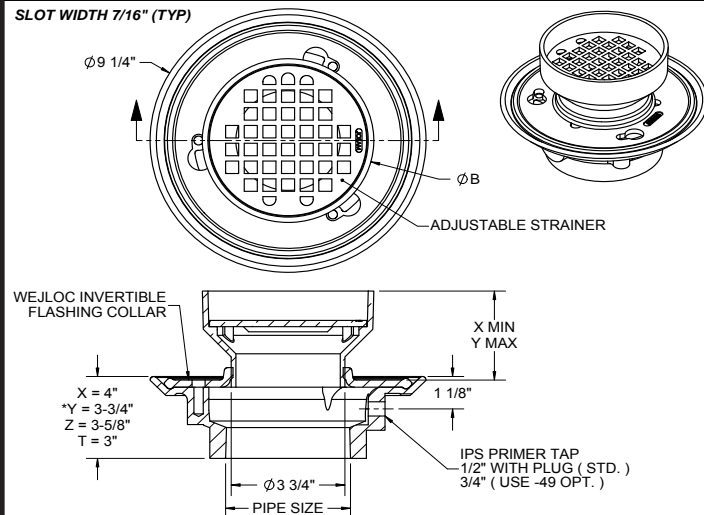
SPECIFICATION:

JOSAM SERIES 30000-E1 CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH EXTENDED RIM.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-E1**

SLOT WIDTH 7/16" (TYP)



STRAINER	B	X	Y	FREE AREA
-6E1	6	2-1/4	3-1/2	4.0
-7E1	7	1-7/8	3-1/8	8.2
-9E1	9	2-1/4	3-3/8	21.2

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92 GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
-TSO THREADED SIDE OUTLET	-J BACKWATER VALVE
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN (2" AND 3" ONLY)	-T THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

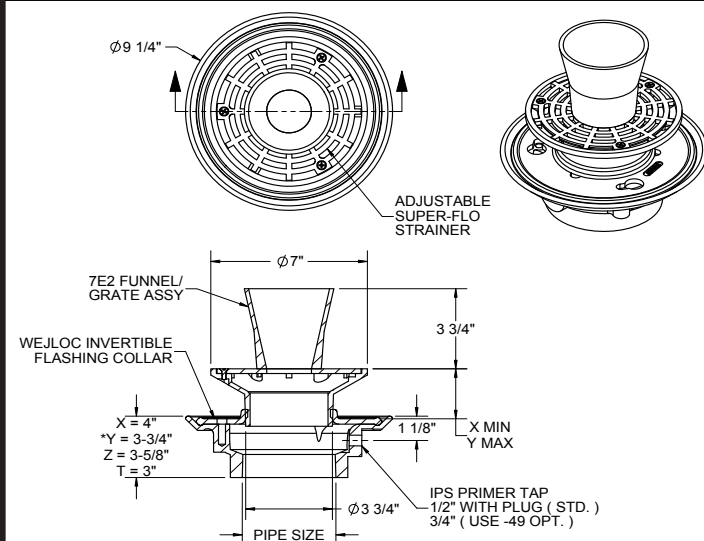
NOTES

SPECIFICATION:

JOSAM SERIES 30000-E2 CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH ROUND FUNNEL.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-E2**



STRAINER	X	Y	FREE AREA
-7E2	1	2-5/8	7.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92 GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
-TSO THREADED SIDE OUTLET	-J BACKWATER VALVE
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN (2" AND 3" ONLY)	-T THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

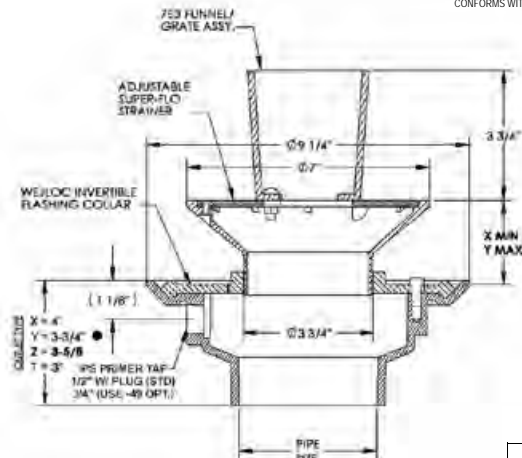
JOSAM 30000-E3 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH OVAL FUNNEL.

FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN

SERIES

30000-E3

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	X	Y	FREE AREA
-7E3	1	2-5/8	18.25

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-13012-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

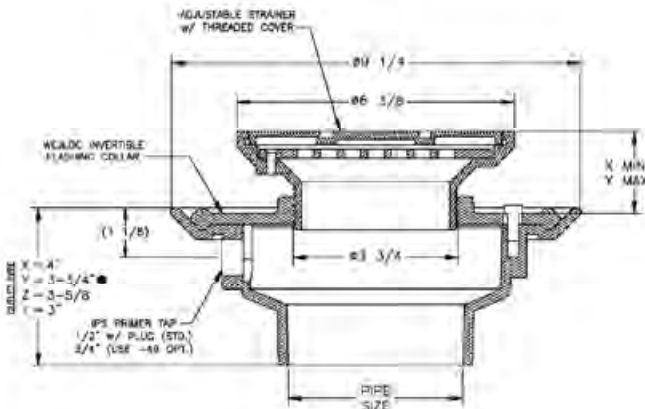
JOSAM 30000-F SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID THREADED COVER.

FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN

SERIES

30000-F

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	X	Y	FREE AREA
-F	1 3/8	2 3/8	6.2

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS
- 2 BRONZE ADJUSTABLE STRAINER

- 63 SPANNER WRENCH
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-15600-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

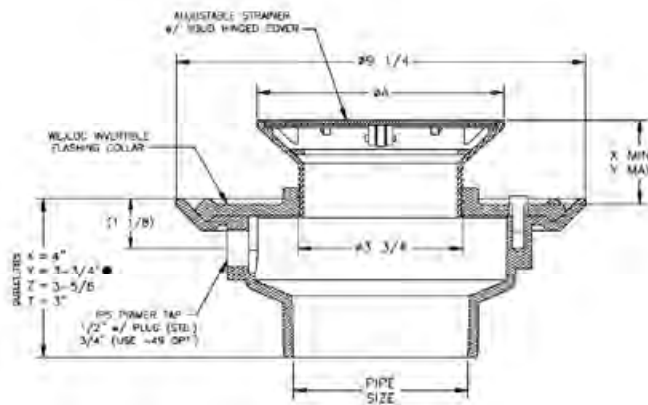
JOSAM 30000-G SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLE, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID HINGED COVER.

SERIES

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

30000-G

● GASKET ON-Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5G	5	1	2 1/8	4.1
-6G	6	1 3/8	2 3/8	4.5
-7G	7	1 3/8	3 3/8	5.7
-8G	8	2 1/4	3 3/8	7.8

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-15601-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:**SPECIFICATION:**

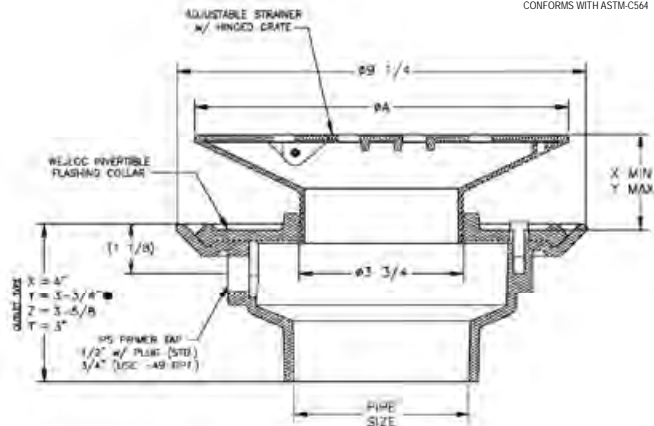
JOSAM 30000-H SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLE, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID HINGED GRATE.

SERIES

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

30000-H

● GASKET ON-Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5H	5	1	2 1/8	6.0
-6H	6	1 1/4	2 3/8	7.8
-7H	7	1 1/4	2 1/4	12.2
-8H	8	1 5/8	2 5/8	16.1

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-15602-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

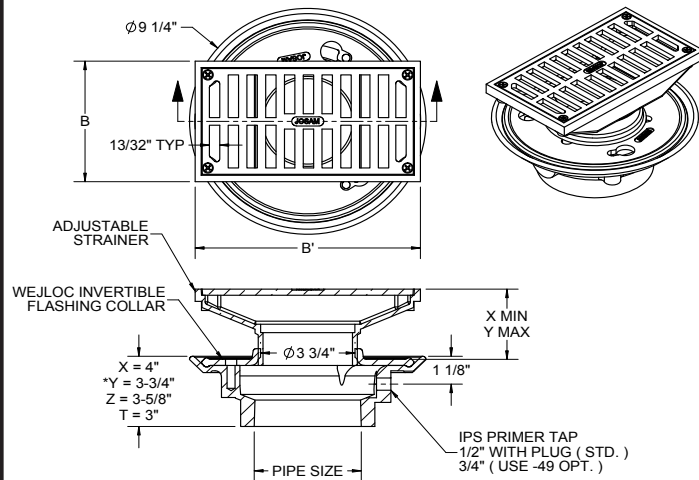
NOTES

SPECIFICATION:

JOSAM SERIES 30000-R CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE RECTANGULAR STRAINER.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-R**



	STRAINER	BXB'	X	Y	FREE AREA
	-5R	5X9	1-7/8	3-1/4	14.9
	-6R	5X13	1-3/4	3-1/4	20.0
	-7R	5X17	1-7/8	3-1/4	22.4
	-8R	5X21	1-7/8	3-1/4	47.0

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2"	PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
3"	PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
4"	PIPE SIZE	-80	PERFORATED STAINLESS STEEL BASKET
-TSO	THREADED SIDE OUTLET	-J	BACKWATER VALVE
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-PD	PRISON DRAIN (2" AND 3" ONLY)	-T	THREADED OUTLET
-ARE	ACID-RESISTING EPOXY	-X	INSIDE CAULK OUTLET
-49	3/4" PRIMER TAP	-Y	HUB OUTLET WITH GASKET*
-91	ROUGH BRONZE BODY	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

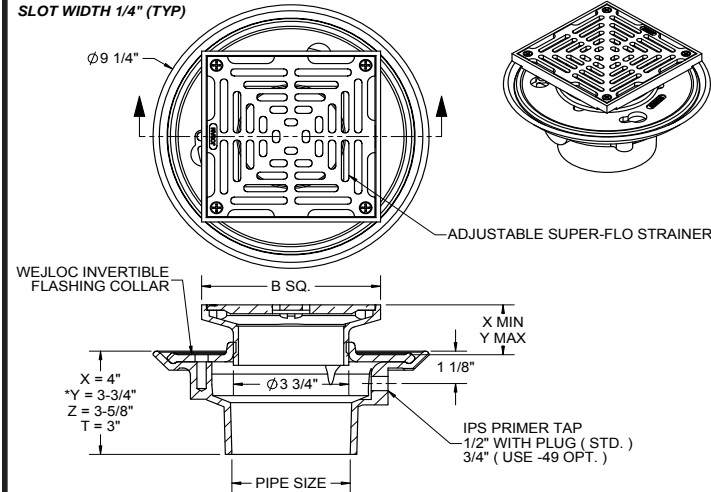
SPECIFICATION:

JOSAM SERIES 30000-S CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **30000-S**

SLOT WIDTH 1/4" (TYP)



	STRAINER	B	X	Y	FREE AREA
	-5S	5	7/8	1-7/8	9.1
	-6S	6	7/8	2-1/4	13.8
	-8S	8	1-1/4	2-1/2	24.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2"	PIPE SIZE	-80	PERFORATED STAINLESS STEEL BASKET
3"	PIPE SIZE	-SS	STAINLESS STEEL TOP
4"	PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
-TSO	THREADED SIDE OUTLET	-CP	CHROME PLATED STRAINER
-WT	WITH TRAP	-J	BACKWATER VALVE
-PD	PRISON DRAIN	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY	-T	THREADED OUTLET
-49	3/4" PRIMER TAP	-X	INSIDE CAULK OUTLET
-91	ROUGH BRONZE BODY	-Y	HUB OUTLET WITH GASKET*
-92	GALVANIZED CAST IRON PARTS	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

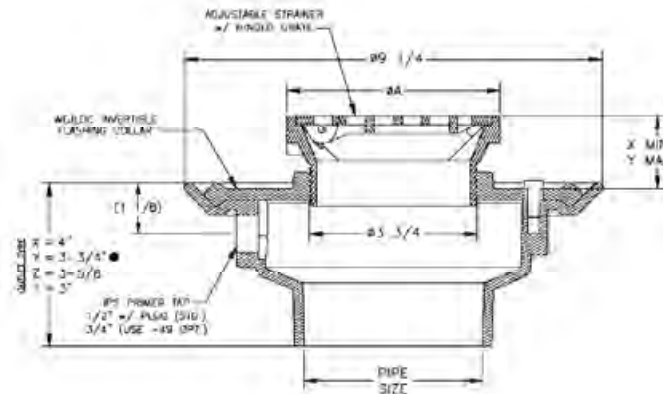
JOSAM 30000-T SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE SQUARE HINGED GRATE.

FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN

SERIES

30000-T

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5T	4 7/8	1 1/4	2 1/8	6.5
-6T	6	1 3/8	2 1/8	8.3
-9T	9	1 1/2	2 1/2	28.6

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS
- SC SOLID COVER (6T SIZE ONLY)

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

JOSAM 30000-PD-A SERIES GALVANIZED SECURITY FLOOR DRAIN, FLASHING FLANGE THREADED SIDE OUTLET CONNECTION, INTEGRAL TRAP WALL AND NIKALOY ADJUSTABLE ROUND SUPER-FLO® STRAINER.

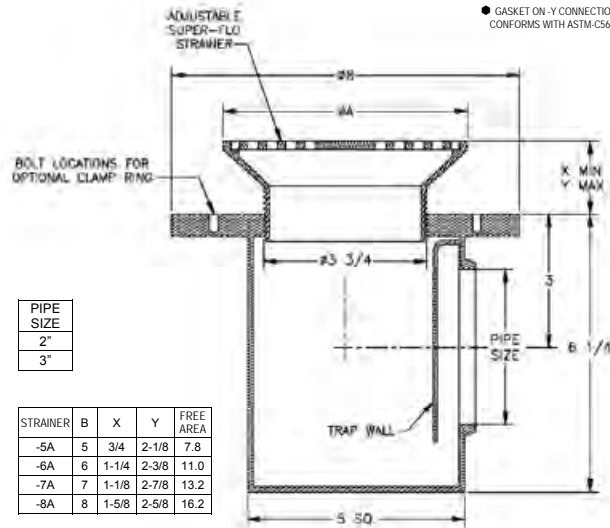
SECURITY FLOOR DRAIN
WITH INTEGRAL TRAP WALL

SERIES

30000-PD-A

SLOT WIDTH 1/4"

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"

STRAINER	B	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2

- PD PRISON DRAIN
- 50 1/2" PRIMER TAP
- C BOLTED FLASHING CLAMP DEVICE
- T THREADED OUTLET
- CP CHROME PLATED STRAINER (5A OR 6A)

- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

A-15608-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

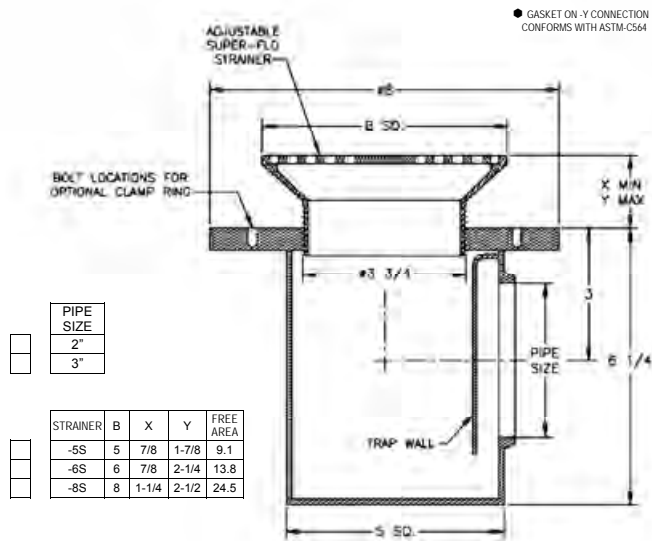
JOSAM 30000-PD-S SERIES GALVANIZED SECURITY FLOOR DRAIN, FLASHING FLANGE THREADED SIDE OUTLET CONNECTION, INTEGRAL TRAP WALL AND NIKALLOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

SECURITY FLOOR DRAIN WITH INTEGRAL TRAP WALL

SERIES

30000-PD-S

SLOT WIDTH 1/4"



PIPE SIZE
2"
3"

STRAINER	B	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

- PD PRISON DRAIN
- 50 1/2" PRIMER TAP
- C BOLTED FLASHING CLAMP DEVICE
- T THREADED OUTLET
- CP CHROME PLATED STRAINER (5S OR 6S)

- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

A-15609-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

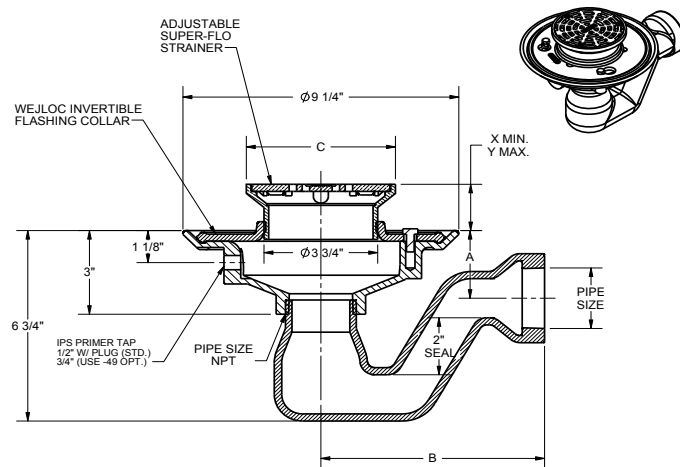
SPECIFICATION:

JOSAM 30000-ST-A SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES AND JOSAM ADJUSTABLE ROUND NIKALLOY STRAINER.

FLOOR DRAIN SHALLOW TRAP, ADJUSTABLE STRAINER

SERIES

30000-ST-A



MODEL	PIPE SIZE	A	B	TRAP WIDTH
30002-ST	2	2-1/2"	7-1/2"	3-1/8
30002-ST-Z	2	2-1/2"	8"	3-1/8
30003-ST	3	2-1/4"	9-7/8"	5-1/2
30003-ST-Z	3	2-1/4"	10-1/4"	5-1/2

ADJUSTABLE STRAINERS				
TYPE NO.	C	X	Y	FREE AREA
5A	5	3/4	2-1/8	7.8
6A	6	1-1/4	2-3/8	11.0
7A	7	1-1/8	2-7/8	13.2
8A	8	1-5/8	2-5/8	16.2

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5A,6A)
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP
-92	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SIDE OUTLET TRAP

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

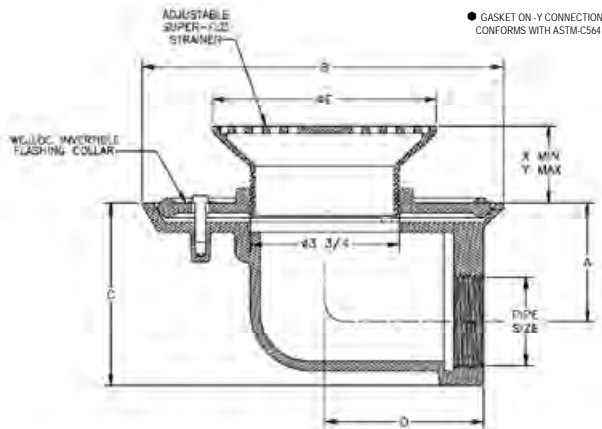
SPECIFICATION:

JOSAM 30000-TSO-A SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC® INVERTIBLE FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER, AND NIKALOY ADJUSTABLE ROUND SUPER-FLO® STRAINER.

FLOOR DRAIN WITH THREADED SIDE OUTLET

SERIES**30000-TSO-A**

SLOT WIDTH 1/4"



● GASKET ON Y-CONNECTION
CONFORMS WITH ASTM-C564

PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

STRAINER	E	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2

- -TSO THREADED SIDE OUTLET
- -ARE ACID-RESISTING EPOXY
- -49 3/4" PRIMER TAP
- -50 1/2" PRIMER TAP
- -92 GALVANIZED CAST IRON PARTS

- -CP CHROME PLATED STRAINER (5A AND 6A ONLY)
- -VP SECURED GRATE, VANDAL-PROOF SCREWS
- -2 BRONZE ADJUSTABLE STRAINER
- -SS STAINLESS STEEL ADJUSTABLE STRAINER
- -80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

A-15610-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

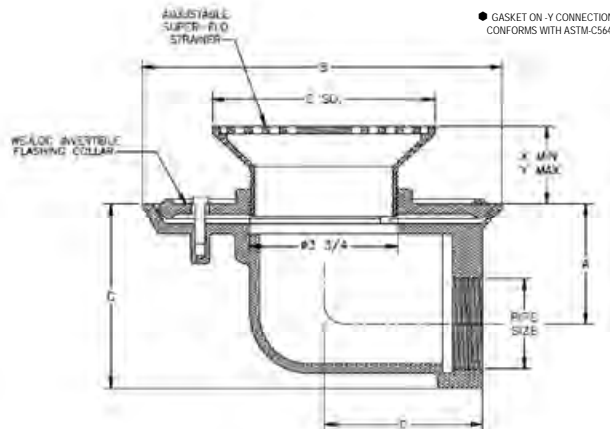
NOTES:**SPECIFICATION:**

JOSAM 30000-TSO-S SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC® INVERTIBLE FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER, AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

FLOOR DRAIN WITH THREADED SIDE OUTLET

SERIES**30000-TSO-S**

SLOT WIDTH 1/4"



● GASKET ON Y-CONNECTION
CONFORMS WITH ASTM-C564

PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

STRAINER	E	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

- -TSO THREADED SIDE OUTLET
- -ARE ACID-RESISTING EPOXY
- -49 3/4" PRIMER TAP
- -50 1/2" PRIMER TAP
- -92 GALVANIZED CAST IRON PARTS

- -CP CHROME PLATED STRAINER (5S AND 6S ONLY)
- -VP SECURED GRATE, VANDAL-PROOF SCREWS
- -2 BRONZE ADJUSTABLE STRAINER
- -SS STAINLESS STEEL ADJUSTABLE STRAINER
- -80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

A-15611-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

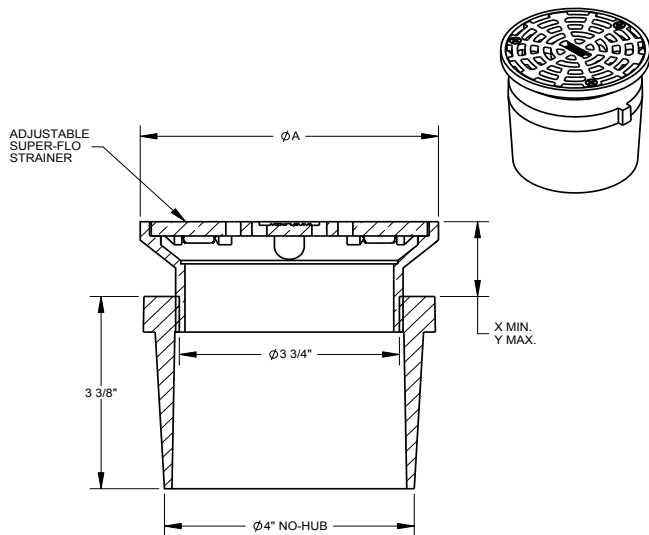
SPECIFICATION:

JOSAM SERIES 30304-Z-A COATED CAST IRON FLOOR DRAIN WITH
JOSAM ADJUSTABLE ROUND NIKALOY STRAINER.

FLOOR DRAIN

4" NO-HUB
ROUND ADJUSTABLE STRAINER

SERIES **30304-Z-A**



ADJUSTABLE STRAINERS				
TYPE NO.	C	X	Y	FREE AREA
5A	5	3/4	2-1/8	7.8
6A	6	1-1/4	2-3/8	11.0
7A	7	1-1/8	2-7/8	13.2
8A	8	1-5/8	2-5/8	16.2

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5A,6A)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

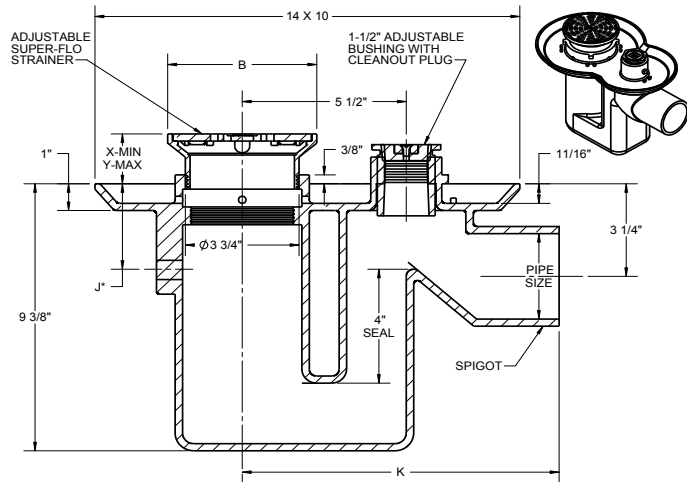
SPECIFICATION:

JOSAM 30500-A SERIES COATED CAST IRON COMBINED FLOOR
DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE
DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLES,
BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND NIKALOY
ADJUSTABLE ROUND SUPER-FLO STRAINER.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30500-A**



* IPS PRIMER TAPPING (-49) & (-50)
AUX. THREADED INLET (-51) & (-52)

MODEL	PIPE SIZE	J*	K
30502	2"	3	14-1/8
30503	3"	3-1/2	11
30504	4"	4-1/8	11

STRAINER	B	X	Y	FREE AREA
-5A	5	1-3/8	2-1/8	7.8
-6A	6	1-5/8	2-3/8	11.0
-7A	7	1-5/8	2-3/8	13.2
-8A	8	2	2-5/8	16.2

OPTIONS:

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-51	1-1/2" THREADED AUXILIARY INLET
-52	2" THREADED AUXILIARY INLET
-92	GALVANIZED CAST IRON PARTS
-2	BRONZE ADJUSTABLE STRAINER
-SS	STAINLESS STEEL ADJ. STRAINER
-80	PERFORATED SS BASKET
-CP	CHROME PLATED STRAINER (5A, 6A)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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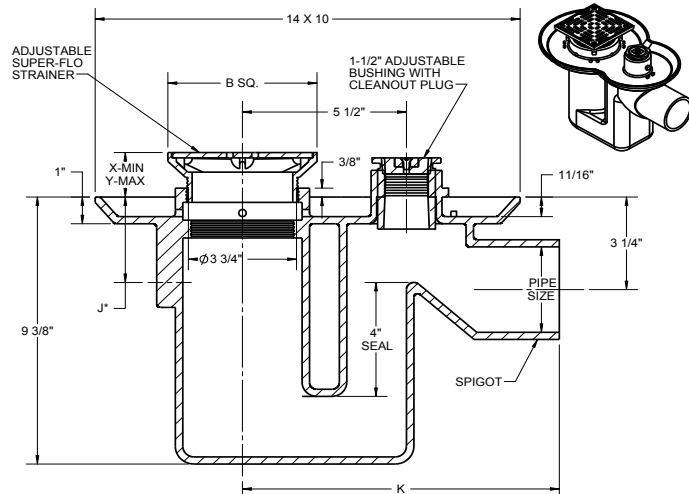
SPECIFICATION:

JOSAM 30500-S SERIES COATED CAST IRON COMBINED FLOOR DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLE, BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO STRAINER.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30500-S**



* IPS PRIMER TAPPING (-49) & (-50)
AUX. THREADED INLET (-51) & (-52)

MODEL	PIPE SIZE	J*	K
30502	2"	3	14-1/8
30503	3"	3-1/2	11
30504	4"	4-1/8	11

STRAINER	B	X	Y	FREE AREA
-5S	5	1-1/4	2	9.1
-6S	6	1-1/2	2-1/4	13.8
-8S	8	2	2-5/8	24.5

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-51	1-1/2" THREADED AUXILIARY INLET
-52	2" THREADED AUXILIARY INLET
-92	GALVANIZED CAST IRON PARTS
-2	BRONZE ADJUSTABLE STRAINER
-SS	STAINLESS STEEL ADJ. STRAINER
-80	PERFORATED SS BASKET
-CP	CHROME PLATED STRAINER (SS, 6S)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

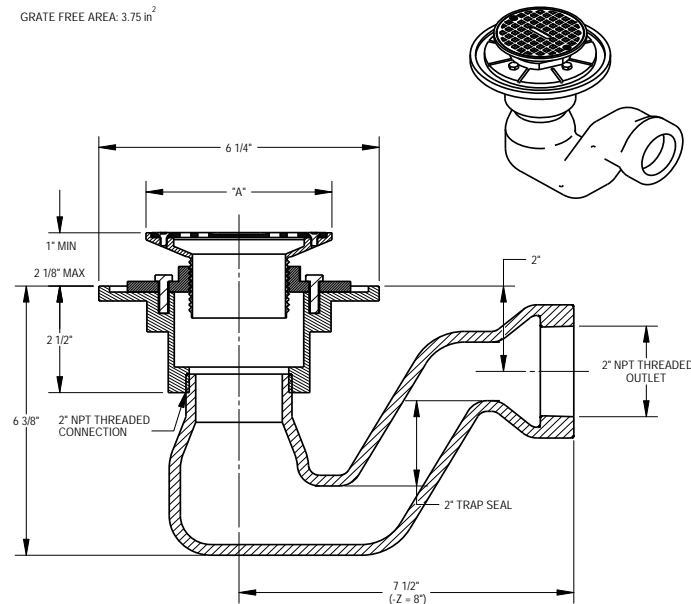
COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH INVERTIBLE CLAMP COLLAR AND DRAINAGE SLOTS, 4" ROUND ADJUSTABLE CHROME-PLATED BRASS STRAINER, 2" THREADED SIDE OUTLET SHALLOW TRAP

FLOOR DRAIN

ADJUSTABLE WITH 2" SHALLOW TRAP

SERIES **30802-4CP**

GRATE FREE AREA: 3.75 in²

**OPTIONS**

-SQ	SQUARE STRAINER
-LT	LESS TRAP
-Z	SHALLOW TRAP WITH NO-HUB SIDE OUTLET

STRAINER	"A"
-4CP	Ø 4 3/16"
-4CP-SQ	4 1/16" SQUARE

DATE OF LAST CHANGE: 08/20/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

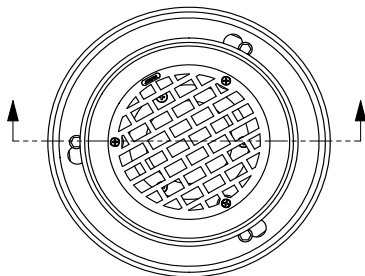
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

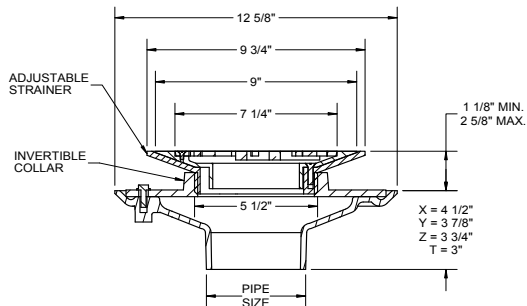
SPECIFICATION:

JOSAM 30900-9AD SERIES CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, NIKALOY ADJUSTABLE ROUND STRAINER IN NIKALOY CLAMPING COLLAR TO SECURE FLASHING OR WATER PROOFING AT FINISHED FLOOR.

FLOOR DRAIN
 ADJUSTABLE,
 WITH SURFACE CLAMP

 SERIES **30900-9AD**


* GASKET FOR -Y OUTLET
CONFORMS TO ASTM-C564



PIPE SIZE

	2"
	3"
	4"

OPTIONS:

-2	BRONZE ADJUSTABLE STRAINER
-66	NO-HUB SIDE OUTLET
-92	GALVANIZED CAST IRON PARTS
-VP	VANDAL-PROOF SCREWS

OUTLET TYPE

-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET *
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 09/18/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

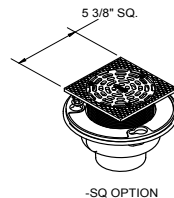
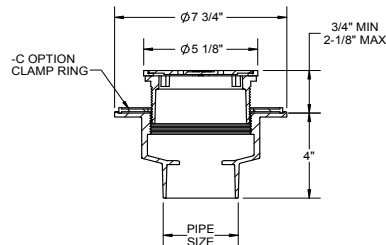
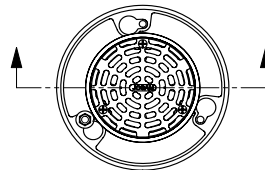
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 31000 SERIES COATED CAST IRON FLOOR DRAIN, 1/2" PRIMER TAP WITH PLUG, BOTTOM OUTLET, AND 5" ROUND ADJUSTABLE NIKALOY TOP.

FLOOR DRAIN
 5" TOP
 ADJUSTABLE

 SERIES **31000**
**OPTIONS:**

-C	BOLTED CLAMP RING
-SQ	SQUARE RIM TOP

MODEL	PIPE SIZE
31002	2"
31003	3"
31004	4"

OUTLET	DESC.
-Y	HUB OUTLET WITH GASKET (2" OR 3")
-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

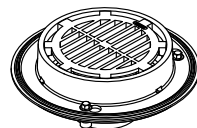
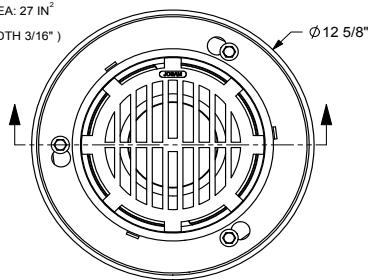
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

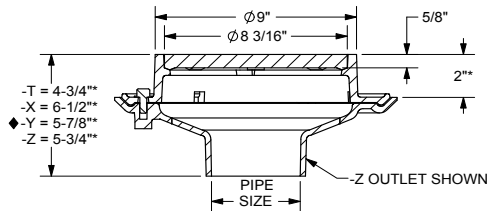
JOSAM 32100 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEELC 9 NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

GRATE FREE AREA: 27 IN²
SLOT WIDTH 3/8"
(-1 & -2 SLOT WIDTH 3/16")



◆ GASKET CONFORMS WITH ASTM-C564

*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)



2"	PIPE SIZE	-39	SOLID CAST IRON COVER
3"	PIPE SIZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
4"	PIPE SIZE	-ARE	ACID-RESISTING EPOXY
-AE	LEVELZE® ADJUSTABLE EXTENSION	-44	FIXED EXTENSION COLLAR, CAST IRON (SPEC. HT.), 3" STD.
-81	SLOTTED CAST IRON BUCKET	-44-92	FIXED EXTENSION COLLAR, GALVANIZED (SPEC. HT.), 3" STD.
-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
-LC1	LOCKING COVER, SATIN FINISH NIKALOY	-50	1/2" PRIMER TAP
-LC2	LOCKING COVER, SATIN FINISH BRONZE	-84	STAINLESS STEEL MESH BUCKET LINER
-1	SATIN FINISH NIKALOY TOP	-88	SUPPLEMENTARY STRAINER
-2	SATIN FINISH BRONZE TOP	-92	GALVANIZED CAST IRON PARTS
-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
-11	EXTRA-HEAVY DUTY GRATE, CAST IRON	-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-13	DOME GRATE, CAST IRON	-T	THREADED OUTLET
-13-1	DOME GRATE, NIKALOY	-X	INSIDE CAULK OUTLET □
-13-2	DOME GRATE, BRONZE	-Y	HUB OUTLET WITH GASKET
-15	CHAINED GRATE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

FLOOR DRAIN

9" ROUND TOP, SUPER-FLO®

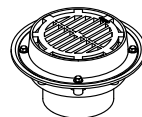
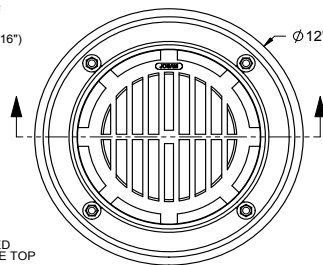
SERIES

32100

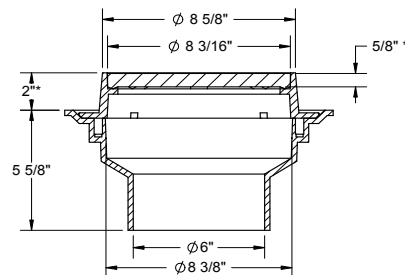
SPECIFICATION:

JOSAM 32106 SERIES COATED CAST IRON FLOOR DRAIN, TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, 6" BOTTOM OUTLET, ROUND TOP, MEDIUM DUTY LOOSE-SET ANTI-TILTING SUPER - FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

GRATE FREE AREA: 27 IN²
STD. CI SLOT WIDTH: 3/8"
(-1 AND -2 SLOT WIDTH: 3/16")



*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)



-Z	NO-HUB	-14-1	HINGED GRATE, NIKALOY
-X	INSIDE CAULK OUTLET	-15	CHAINED GRATE
		-39	SOLID CAST IRON COVER
-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-44	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT.), 3" STD.
-1	SATIN FINISH NIKALOY TOP	-44-92	FIXED EXT. COLLAR, GALV. (SPECIFY HT.), 3" STD.
-2	SATIN FINISH BRONZE TOP	-49	3/4" PRIMER TAP
-7	DUCTILE IRON GRATE	-50	1/2" PRIMER TAP
-11	EXTRA-HEAVY-DUTY GRATE, CAST IRON	-81	SLOTTED CAST IRON BUCKET
-13	DOME GRATE, CAST IRON	-84	STAINLESS STEEL MESH BUCKET LINER
-13-1	DOME GRATE, NIKALOY	-92	GALVANIZED CAST IRON PARTS
-13-2	DOME GRATE, BRONZE	-ARE	ACID-RESISTING EPOXY

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

FLOOR DRAIN

9" ROUND TOP, SUPER-FLO®

SERIES

32106

SPECIFICATION:

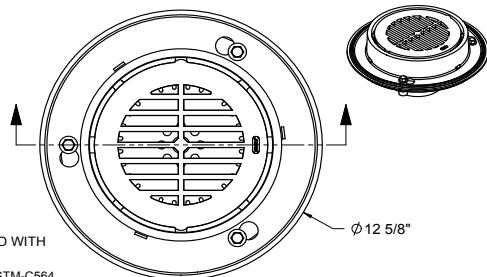
JOSAM 32100-81 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SETMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

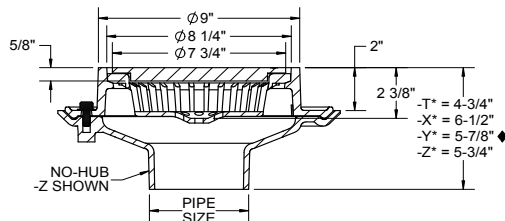
9" ROUND TOP, SUPER-FLO®

SERIES **32100-81**

GRATE FREE AREA: 22 SQ. IN.
STD. CI SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH: 3/16"



* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP
♦ GASKET CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

-AE	LEVELZEZ ADJUSTABLE EXTENSION
-81	SLOTTED CAST IRON BUCKET
-TG	TRACTOR GRATE
-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF
-ARE	ACID-RESISTING EPOXY
-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)
-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)

-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB OUTLET

SEE 32100 SUBMITTAL FOR OTHER DIMENSIONS, DETAILS, AND OPTIONS.

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-AE SERIES COATED CAST IRON LEVELZEZ FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, ADJUSTABLE COLLAR WITH ROLLED THREAD AND MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

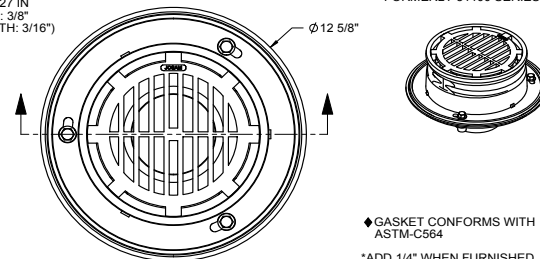
FLOOR DRAIN

9" ROUND TOP, LEVELZEZ®, SUPER-FLO®

SERIES **32100-AE**

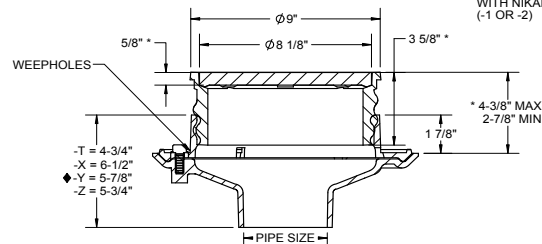
FORMERLY 31100 SERIES

GRATE FREE AREA: 27 IN²
STD. CI SLOT WIDTH: 3/8"
(-1 AND -2 SLOT WIDTH: 3/16")



♦ GASKET CONFORMS WITH ASTM-C564

* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)



PIPE SIZE
2"
3"
4"

X	-AE	LEVELZEZ ADJUSTABLE EXTENSION	-39	SOLID CAST IRON COVER
			-VP	SECURED GRATE, VP SCREWS
			-ARE	ACID-RESISTING EPOXY COATING
	-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
	-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-50	1/2" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-66	NO-HUB SIDE OUTLET
	-2	SATIN FINISH BRONZE TOP	-81	SLOTTED CAST IRON BUCKET
	-7	DUCTILE IRON GRATE	-88	SUPPLEMENTARY STRAINER
	-11	EXTRA HEAVY-DUTY GRATE, CAST IRON	-92	GALVANIZED CAST IRON PARTS
	-13	DOME GRATE, CAST IRON	-T	THREADED OUTLET
	-13-1	DOME GRATE, NIKALOY	-X	INSIDE CAULK OUTLET □
	-13-2	DOME GRATE, BRONZE	-Y	HUB OUTLET WITH GASKET □
	-15	CHAINED GRATE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-AE-81 SERIES COATED CAST IRON LEVEZE FLOOR DRAIN, TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEILCO NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR WITH ROLLED THREAD AND ROUND TOP WITH REMOVABLE SEDIMENT BUCKET THAT SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS

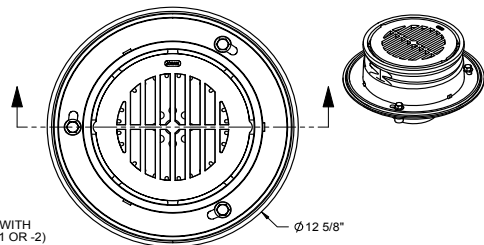
FLOOR DRAIN

9" ROUND TOP LEVEZE®, SUPER-FLO®

SERIES **32100-AE-81**

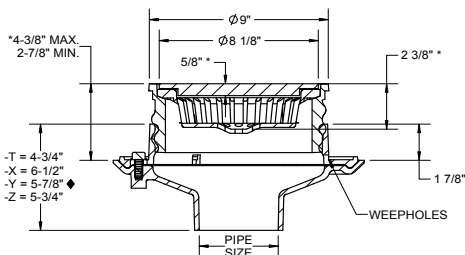
FORMERLY 31120 SERIES

GRATE FREE AREA: 22 IN²
STD. CI SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH: 3/16"



* ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRONZE TOP (-1 OR -2)

◆ CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

OPTIONS:

X	-AE	LEVEZE ADJUSTABLE EXTENSION	-50	1/2" PRIMER TAP
X	-81	SLOTTED CAST IRON BUCKET	-66	NO-HUB SIDE OUTLET
	-1	SATIN FINISH NIKALOY TOP	-84	STAINLESS STEEL MESH BUCKET LINER
	-2	SATIN FINISH BRONZE TOP	-88	SUPPLEMENTARY STRAINER
	-7	DUCTILE IRON GRATE	-92	GALVANIZED CAST IRON PARTS
	-15	CHAINED GRATE	-T	THREADED OUTLET
	-VP	SECURED GRATE, VP SCREWS	-X	INSIDE CAULK OUTLET
	-ARE	ACID-RESISTING EPOXY COATING	-Y	HUB OUTLET WITH GASKET
	-49	3/4" PRIMER TAP	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

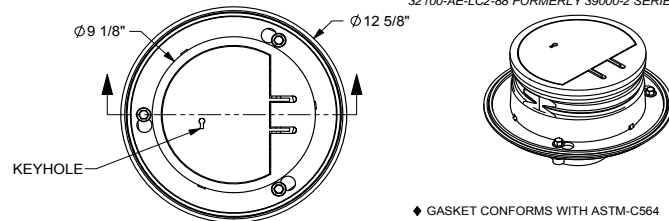
JOSAM 32100-AE-LC1-88 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEILCO NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND SATIN NIKALOY HINGED KEY-LOCKING COVER, ADJUSTABLE COLLAR AND INTERNAL STRAINER.

FLOOR DRAIN

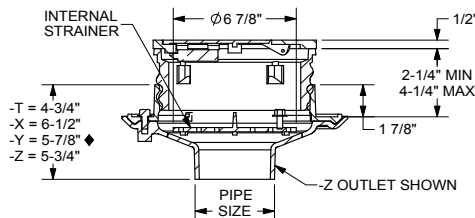
9" ROUND TOP, LOCKING COVER

SERIES **32100-AE-LC1-88**

32100-AE-LC1-88 FORMERLY 39000 SERIES
32100-AE-LC2-88 FORMERLY 39000-2 SERIES



◆ GASKET CONFORMS WITH ASTM-C564



	2"	PIPE SIZE	-39	SOLID CAST IRON COVER
	3"	PIPE SIZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	4"	PIPE SIZE	-ARE	ACID-RESISTING EPOXY
X	-AE	LEVEZE® ADJUSTABLE EXTENSION	-44	FIXED EXTENSION COLLAR, CAST IRON (SPEC. HT.) 3" STD.
	-81	SLOTTED CAST IRON BUCKET	-44-92	FIXED EXTENSION COLLAR, GALVANIZED (SPEC. HT.) 3" STD.
	-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
X	-LC1	LOCKING COVER, SATIN FINISH NIKALOY	-50	1/2" PRIMER TAP
	-LC2	LOCKING COVER, SATIN FINISH BRONZE	-84	STAINLESS STEEL MESH BUCKET LINER
	-1	SATIN FINISH NIKALOY TOP	X	SUPPLEMENTARY STRAINER
	-2	SATIN FINISH BRONZE TOP	-92	GALVANIZED CAST IRON PARTS
	-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
	-11	EXTRA-HEAVY GRATE, CAST IRON		
	-13	DOME GRATE, CAST IRON	-T	THREADED OUTLET
	-13-1	DOME GRATE, NIKALOY	-X	INSIDE CAULK OUTLET
	-13-2	DOME GRATE, BRONZE	-Y	HUB OUTLET WITH GASKET
	-15	CHAINED GRATE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-AE-TG SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, WEJLOOS® NON-PUNCTURING FLASHING COLLAR, BOTTOM OUTLET, ROUND TOP, ADJUSTABLE COLLAR WITH ROLLED THREAD AND HEAVY-DUTY, DEEP-SET TRACTOR GRATE.

FLOOR DRAIN

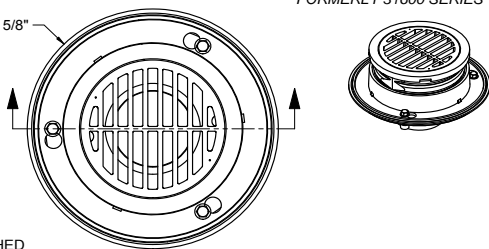
9" ROUND TOP, TRACTOR GRATE

SERIES **32100-AE-TG**

FORMERLY 31600 SERIES

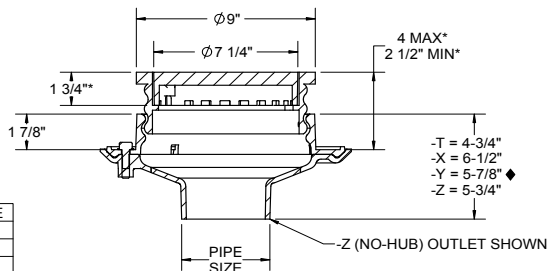
SLOT WIDTH - 1/2"
 (1 & 2 SLOT WIDTH 7/16")
 FREE AREA - 14.5 IN²

Ø 12 5/8"



*ADD 1/4" WHEN FURNISHED
 WITH NIKALOY OR BRONZE TOP

◆ GASKET CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

X	-AE	LEVELEZE® ADJUSTABLE EXTENSION	-49	3/4" PRIMER TAP
X	-TG	TRACTOR GRATE	-50	1/2" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-86	SUPPLEMENTARY STRAINER
	-2	SATIN FINISH BRONZE TOP	-92	GALVANIZED CAST IRON PARTS
	-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
	-15	CHAINED GRATE	-T	THREADED OUTLET
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-X	INSIDE CAULK OUTLET
	-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET
			-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-TG SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, WEJLOOS® NON-PUNCTURING FLASHING COLLAR, BOTTOM OUTLET, ROUND TOP WITH HEAVY-DUTY, LOOSE-SET TRACTOR GRATE.

FLOOR DRAIN

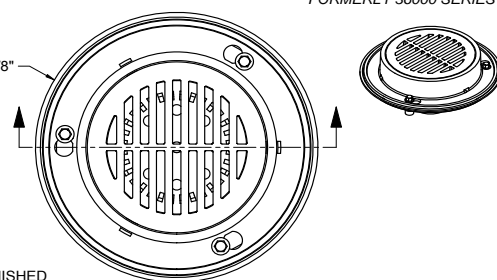
9" ROUND TOP, TRACTOR GRATE

SERIES **32100-TG**

FORMERLY 36000 SERIES

SLOT WIDTH - 3/8"
 FREE AREA - 15.1 IN²

Ø 12 5/8"

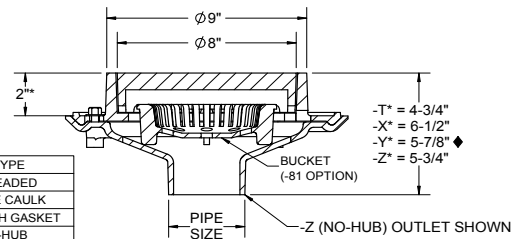


*ADD 1/4" WHEN FURNISHED
 WITH NIKALOY OR BRONZE TOP

◆ GASKET CONFORMS WITH ASTM-C564

PIPE SIZE
2"
3"
4"

		OUTLET TYPE
	-T	THREADED
	-X	INSIDE CAULK
	-Y	HUB WITH GASKET
	-Z	NO-HUB



X	-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-50	1/2" PRIMER TAP
	-2	SATIN FINISH BRONZE TOP	-66	NO-HUB SIDE OUTLET
	-7	DUCTILE IRON GRATE	-81	SLOTTED CAST IRON BUCKET (069447)
	-15	CHAINED GRATE	-84	STAINLESS ST. MESH BUCKET LINER
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-88	SUPPLEMENTARY STRAINER
	-ARE	ACID-RESISTING EPOXY	-92	GALVANIZED CAST IRON PARTS
	-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)		
	-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)		

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

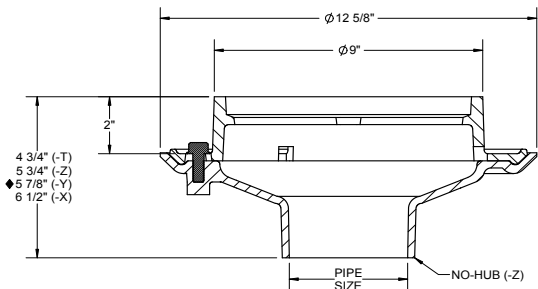
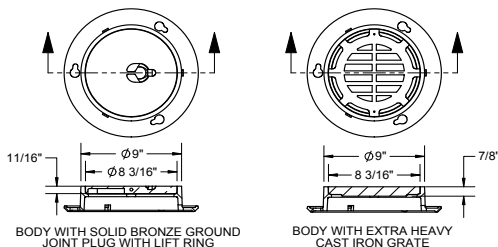
JOSAM 32150 SERIES COATED CAST IRON FLOOR DRAINS. TWO-PIECE BODIES WITH DOUBLE DRAINAGE FLANGE, WEEP-HOLES, BOTTOM OUTLETS, 9" ROUND TOPS, ONE BODY FURNISHED WITH A SOLID BRONZE PLUG, OTHER BODY FURNISHED WITH AN EXTRA-HEAVY, ANTI-TILTING, SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN**9" ROUND TOP, BLOOD DRAIN**

SERIES

32150

FORMERLY 39150 SERIES



◆ GASKET CONFORMS WITH ASTM-C564

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)
-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)
-92	GALVANIZED CAST IRON PARTS

-ARE	ACID RESISTING EPOXY
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB OUTLET

PIPE SIZE
2"
3"
4"

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

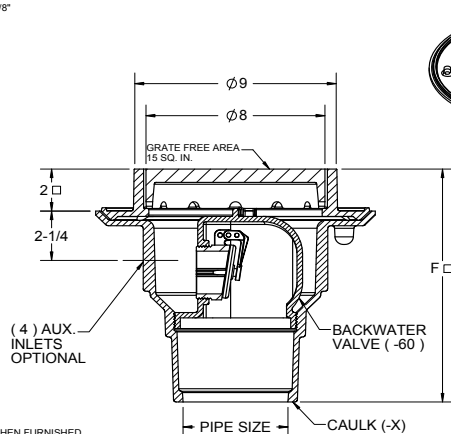
JOSAM 32160 SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEP-HOLES, BOTTOM OUTLET, INSIDE CAULK CONNECTION, ROUND TOP AND HEAVY-DUTY LOOSE-SET TRACTOR GRATE.

FLOOR DRAIN**9" ROUND TRACTOR TOP**

SERIES

32160

SLOT WIDTH 3/8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

▲ CANNOT BE INSTALLED WITH (-60) BACKWATER VALVE OPTION

3"	PIPE SIZE ("F" DIM. = 10 - 7/8")	-54-92	2" AUXILIARY SPIGOT INLET, GALVANIZED
4"	PIPE SIZE ("F" DIM. = 11 - 1/4")	-60	BACKWATER VALVE
		▲	-62 TT-HANDLE BRONZE CLOSURE PLUG
-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
-12	SQUARE TOP, CAST IRON	▲	-71 SOLID CAST IRON BUCKET
-15	CHAINED GRATE	▲	-81 SLOTTED CAST IRON BUCKET
-19	CAST IRON UNDERGRATE W/SATINFINISH NIKALOY TOP	▲	-88 SUPPLEMENTARY STRAINER
-44	FIXED EXTENSION COLLAR (3" STD. OR SPECIFY HT.)	-92	GALVANIZED CAST IRON PARTS
-49	3/4" PRIMER TAP		
-50	1/2" PRIMER TAP	-ARE	ACID-RESISTING EPOXY
-51	1-1/2" AUXILIARY THREADED INLET	-92	GALVANIZED CAST IRON PARTS
-52	2" AUXILIARY THREADED INLET	-ARE	ACID RESISTANT EPOXY COATING
-53	2" AUXILIARY HUB INLET	-VP	SECURED GRATE, VANDAL-PROFF SCREWS
-54	2" AUXILIARY SPIGOT INLET		
-53-92	2" AUXILIARY HUB INLET, GALVANIZED	X	-X INSIDE CAULK OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

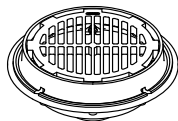
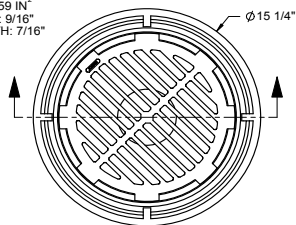
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

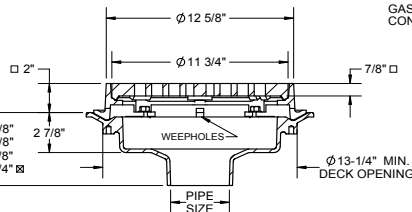
JOSAM 32200 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

GRATE FREE AREA: 59 IN²
STD. CI SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH: 7/16"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP
■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



PIPE SIZE
2"
3"
4"
5"
6"
8"

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-4	SECONDARY FLASH CLAMP (W/-AE ONLY)
-7	DUCTILE IRON GRATE
-13	DOME GRATE, CAST IRON
-13-1	DOME GRATE, NIKALOY
-13-2	DOME GRATE, BRONZE
-15	CHAINED GRATE
-44	FIXED EXTENSION, CI (2" STD OR SPECIFY)
-44-92	FIXED EXTENSION, GALVANIZED
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET (2" - 6")

-81	SLOTTED CAST IRON BUCKET
-84	SS MESH BUCKET LINER (MUST SPEC. -81)
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-AE	LEVELEZE® ADJUSTABLE EXTENSION
-ARE	ACID-RESISTANT EPOXY COATING
-SD	SPECIAL-DUTY GRATE
-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-VP	SECURED GRATE, VP SCREWS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL AVAILABLE FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

FLOOR DRAIN

12" ROUND TOP, SUPER-FLO®

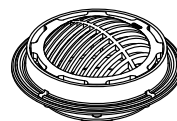
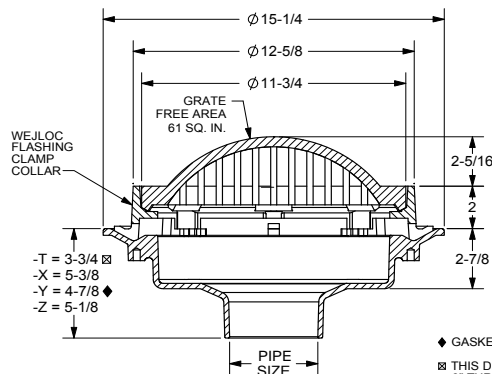
SERIES

32200

SPECIFICATION:

JOSAM 32200-13 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® DOME WITH PERIMETER DRAINAGE SLOTS.

SLOT WIDTH 9/16"



◆ GASKET CONFORMS WITH ASTM-C564
■ THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET

2"	PIPE SIZE	-15	CHAINED GRATE
3"	PIPE SIZE	-ARE	ACID-RESISTING EPOXY
4"	PIPE SIZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
5"	PIPE SIZE	-44	FIXED EXTENSION COLLAR, C.I. (SPEC. HT.) 2" STD.
6"	PIPE SIZE	-44-92	FIXED EXTENSION COLLAR, GALV. (SPEC. HT.) 2" STD.
8"	PIPE SIZE	-49	3/4" PRIMER TAP
		-50	1/2" PRIMER TAP
		-AE	LEVELEZE® ADJUSTABLE EXTENSION
		-81	SLOTTED CAST IRON BUCKET
		-SD	SPECIAL-DUTY GRATE
		-92	GALVANIZED CAST IRON PARTS
-1	SATIN FINISH NIKALOY TOP		
-2	SATIN FINISH BRONZE TOP	-66	NO-HUB SIDE OUTLET (2" - 6" ONLY)
-4	SECONDARY FLASHING CLAMP (USE WITH -AE ONLY)		
-7	DUCTILE IRON GRATE	-T	THREADED OUTLET
-13	DOME GRATE, CAST IRON	-X	INSIDE CAULK OUTLET
-13-1	DOME GRATE, NIKALOY	-Y	HUB OUTLET WITH GASKET (2" THRU 4" SIZES)
-13-2	DOME GRATE, BRONZE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

FLOOR DRAIN

12" DOME TOP, SUPER-FLO®

SERIES

32200-13

SPECIFICATION:

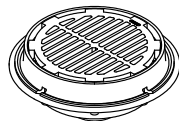
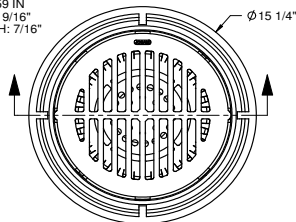
JOSAM 32200-81 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SEDIMENT BUCKET THAT SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

12" ROUND TOP, SUPER-FLO®

SERIES **32200-81**

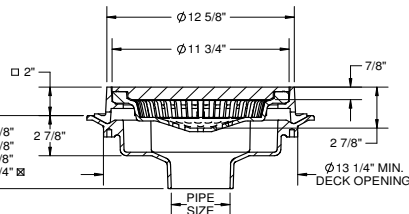
GRATE FREE AREA: 59 IN²
STD. CI SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH: 7/16"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



PIPE SIZE
2"
3"
4"
5"
6"
8"

-1 SATIN FINISH NIKALOY TOP	-81 SLOTTED CAST IRON BUCKET
-2 SATIN FINISH BRONZE TOP	-84 SS MESH BUCKET LINER (MUST SPEC. -81)
-4 SECONDARY FLASH. CLAMP (W/ -AE ONLY)	-88 SUPPLEMENTARY STRAINER
-7 DUCTILE IRON GRATE	-92 GALVANIZED CAST IRON PARTS
-13 DOME GRATE, CAST IRON	-AE LEVELEZE ADJUSTABLE EXTENSION
-13-1 DOME GRATE, NIKALOY	-ARE ACID-RESISTANT EPOXY COATING
-13-2 DOME GRATE, BRONZE	-SD SPECIAL-DUTY GRATE
-15 CHAINED GRATE	-HP HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44 FIXED EXTENSION, CI (2" STD OR SPECIFY)	-VP SECURED GRATE, VP SCREWS
-44-92 FIXED EXTENSION, GALVANIZED	-T THREADED OUTLET
-49 3/4" PRIMER TAP	-X INSIDE CAULK OUTLET
-50 1/2" PRIMER TAP	-Y HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66 NO-HUB SIDE OUTLET (2" - 6")	-Z NO-HUB OUTLET

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY AND A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

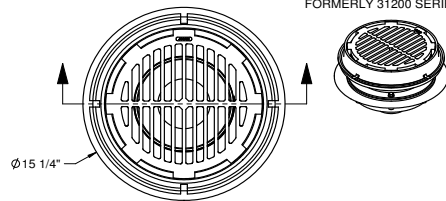
12" ROUND SUPER-FLO® TOP, LEVELEZE®

SERIES **32200-AE**

FORMERLY 31200 SERIES

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"

PIPE SIZE
2"
3"
4"
5"
6"
8"

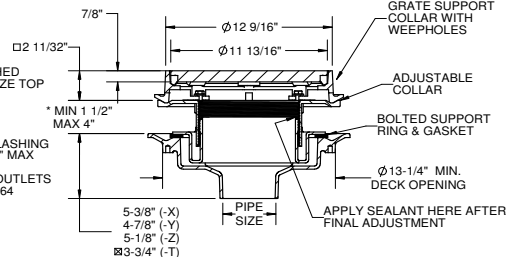


□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



-1 SATIN FINISH NIKALOY TOP	-81 SLOTTED CAST IRON BUCKET
-2 SATIN FINISH BRONZE TOP	-84 SS MESH BUCKET LINER (MUST SPEC. -81)
-4 SECONDARY FLASH. CLAMP (W/ -AE ONLY)	-88 SUPPLEMENTARY STRAINER
-7 DUCTILE IRON GRATE	-92 GALVANIZED CAST IRON PARTS
-13 DOME GRATE, CAST IRON	-AE LEVELEZE ADJUSTABLE EXTENSION
-13-1 DOME GRATE, NIKALOY	-ARE ACID-RESISTANT EPOXY COATING
-13-2 DOME GRATE, BRONZE	-SD SPECIAL-DUTY GRATE
-15 CHAINED GRATE	-HP HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44 FIXED EXTENSION, CI (2" STD OR SPECIFY)	-VP SECURED GRATE, VP SCREWS
-44-92 FIXED EXTENSION, GALVANIZED	-T THREADED OUTLET
-49 3/4" PRIMER TAP	-X INSIDE CAULK OUTLET
-50 1/2" PRIMER TAP	-Y HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66 NO-HUB SIDE OUTLET (2" - 6")	-Z NO-HUB OUTLET

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE-81 SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY, REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

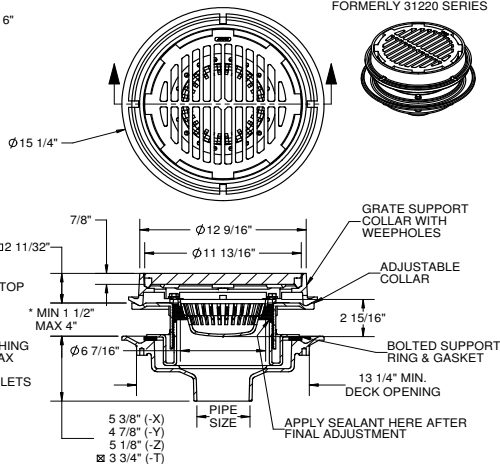
12" ROUND SUPER-FLO® TOP,
LEVELEZE®

SERIES **32200-AE-81**

FORMERLY 31220 SERIES

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"

PIPE SIZE
2"
3"
4"
5"
6"
8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564

-1	SATIN FINISH NIKALOY TOP	X	-81	SLOTTED CAST IRON BUCKET
-2	SATIN FINISH BRONZE TOP		-84	SS MESH BUCKET LINER (MUST SPEC. -81)
-4	SECONDARY FLASH. CLAMP (W/ -AE ONLY)		-88	SUPPLEMENTARY STRAINER
-7	DUCTILE IRON GRATE		-92	GALVANIZED CAST IRON PARTS
-13	DOME GRATE, CAST IRON	X	-AE	LEVELEZE ADJUSTABLE EXTENSION
-13-1	DOME GRATE, NIKALOY		-ARE	ACID-RESISTANT EPOXY COATING
-13-2	DOME GRATE, BRONZE		-SD	SPECIAL-DUTY GRATE
-15	CHAINED GRATE		-HP	HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44	FIXED EXTENSION, CI (2" STD OR SPECIFY)		-VP	SECURED GRATE, VP SCREWS
-44-92	FIXED EXTENSION, GALVANIZED		-T	THREADED OUTLET
-49	3/4" PRIMER TAP		-X	INSIDE CAULK OUTLET
-50	1/2" PRIMER TAP		-Y	HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66	NO-HUB SIDE OUTLET (2" - 6")		-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE-SD SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY AND LOOSE-SET SPECIAL-DUTY GRATE.

FLOOR DRAIN

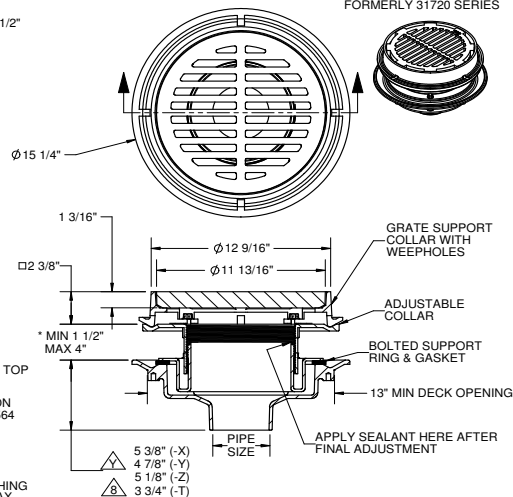
12" ROUND SPECIAL-DUTY TOP,
LEVELEZE®

SERIES **32200-AE-SD**

FORMERLY 31720 SERIES

GRATE FREE AREA: 34.26 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-1 AND -2 SLOT WIDTH 1/4"

PIPE SIZE
2"
3"
4"
5"
6"
8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

△ GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

△ THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

X	-AE	LEVELEZE® ADJUSTABLE EXTENSION		-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
△	-81	SLOTTED CAST IRON BUCKET		-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
X	-SD	SPECIAL-DUTY GRATE		-84	SS MESH BUCKET LINER (MUST SPECIFY -81 BUCKET)
	-1	SATIN FINISH NIKALOY TOP		-88	SUPPLEMENTARY STRAINER
	-2	SATIN FINISH BRONZE TOP		-92	GALVANIZED CAST IRON PARTS
	-4	SECONDARY FLASHING CLAMP		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-15	CHAINED GRATE		-ARE	ACID-RESISTING EPOXY
	-49	3/4" PRIMER TAP		-T	THREADED OUTLET
	-50	1/2" PRIMER TAP		-X	INSIDE CAULK OUTLET
	-66	NO-HUB SIDE OUTLET (2"-6")		-Y	HUB OUTLET WITH GASKET (2"-4") SIZES ONLY
				-Z	NO-HUB OUTLET

△ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 10/30/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-SD SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING CLAMP, WEEPHOLES, BOTTOM OUTLET, ROUND TOP AND LOOSE-SET SPECIAL-DUTY GRATE.

FLOOR DRAIN

12" ROUND TOP,
SPECIAL-DUTY

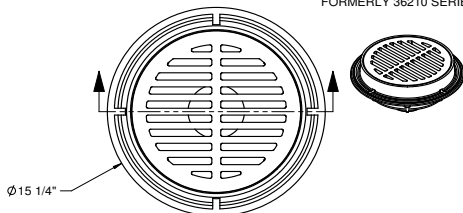
SERIES **32200-SD**

FORMERLY 36210 SERIES

GRATE FREE AREA: 34.26 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-1 AND -2 SLOT WIDTH 1/4"

PIPE SIZE
2"
3"
4"
5"
6"
8"
*10"

* NO-HUB ONLY



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP

△ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

△ THIS DIMENSION IS 5-3/4"
ON 8" THREADED OUTLET

△	5 3/8" (-X)
△	4 7/8" (-Y)
△	5 1/8" (-Z)
△	3 3/4" (-T)

△	-AE	LEVELZE® ADJUSTABLE EXTENSION
△	-81	SLOTTED CAST IRON BUCKET
X	-SD	SPECIAL-DUTY GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-15	CHAINED GRATE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")

△ SEPARATE SUBMITTAL FOR THIS
OPTION AVAILABLE

	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-84	SS MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-ARE	ACID-RESISTING EPOXY
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET (2"-4") SIZES ONLY
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 6/20/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

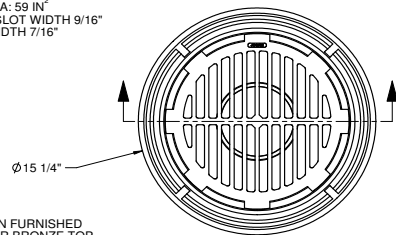
JOSAM 32300 SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

12" ROUND SUPER-FLO® TOP,
MEDIUM SUMP

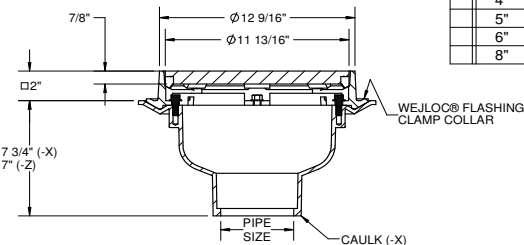
SERIES **32300**

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP

PIPE SIZE
2"
3"
4"
5"
6"
8"



	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-7	DUCTILE IRON GRATE
	-13	DOME GRATE, CAST IRON
	-13-1	DOME GRATE, NIKALOY
	-13-2	DOME GRATE, BRONZE
	-15	CHAINED GRATE
	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-49	3/4" PRIMER TAP

△ SEPARATE SUBMITTAL FOR THIS
OPTION AVAILABLE

	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")
△	-81	SLOTTED CAST IRON BUCKET
	-84	SS MESH BUCKET LINER (MUST SPECIFY -81 BUCKET)
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-HP	HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ. IN FREE AREA
	-SD	SPECIAL-DUTY GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 12/30/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

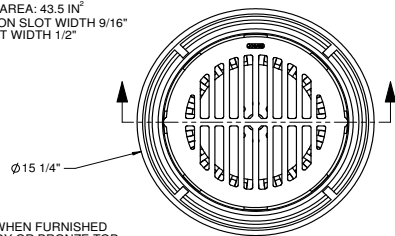
JOSAM 32300-81 SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP, REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

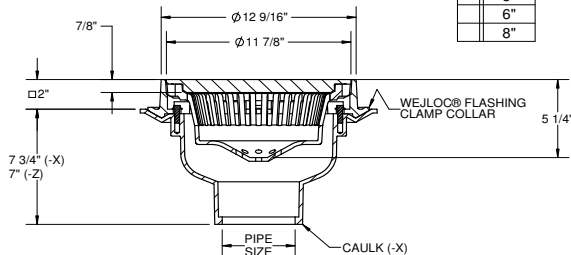
12" ROUND SUPER-FLO® TOP,
MEDIUM SUMP

SERIES **32300-81**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 1/2"



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"
5"
6"
8"

X	-81	SLOTTED CAST IRON BUCKET
	-SD	SPECIAL-DUTY GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-7	DUCTILE IRON GRATE
	-13	DOME GRATE, CAST IRON
	-13-1	DOME GRATE, NIKALOY
	-13-2	DOME GRATE, BRONZE
	-15	CHAINED GRATE

	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")
	-84	SS MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 9/19/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

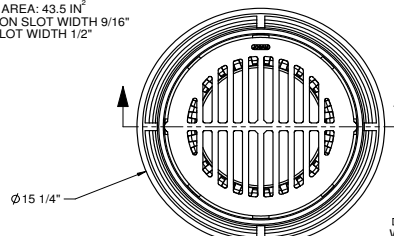
JOSAM 32330 SERIES COATED CAST IRON FLOOR DRAIN, DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP AND REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

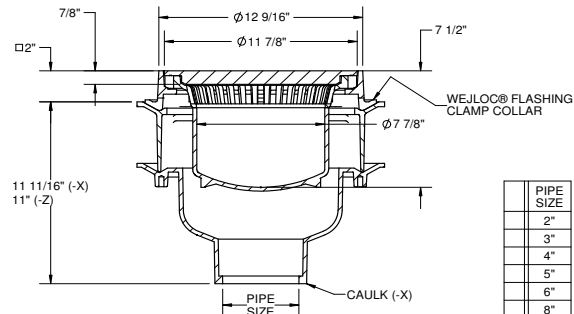
12" FLOOR SUPER-FLO® TOP,
DEEP SUMP WITH BUCKET

SERIES **32330**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-19 AND -20 SLOT WIDTH 1/2"



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"
5"
6"
8"

A	-SD	SPECIAL-DUTY GRATE
	-15	CHAINED GRATE
	-19	CAST IRON UNDERGRATE WITH SATIN FINISH NIKALOY TOP
	-20	CAST IRON UNDERGRATE WITH SATIN FINISH BRONZE TOP
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")

	-84	STAINLESS STEEL MECH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/19/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32330-SD SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, REMOVABLE SEDIMENT BUCKET AND SPECIAL-DUTY LOOSE-SET GRATE.

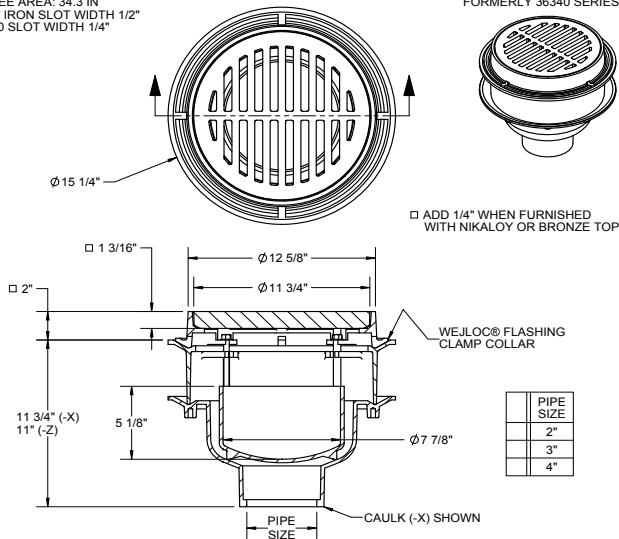
FLOOR DRAIN

12" FLOOR TOP, DEEP SUMP WITH BUCKET

SERIES **32330-SD**

FORMERLY 36340 SERIES

GRATE FREE AREA: 34.3 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-19 AND -20 SLOT WIDTH 1/4"



X	-SD	SPECIAL-DUTY GRATE
	-15	CHAINED GRATE
	-19	CAST IRON UNDERGRATE WITH SATIN FINISH NIKALOY TOP
	-20	CAST IRON UNDERGRATE WITH SATIN FINISH BRONZE TOP
	-44	FIXED EXTENSION, CAST IRON (1" STD. OR SPECIFY HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (1" STD. OR SPECIFY HEIGHT)
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP

	-66	NO-HUB SIDE OUTLET
	-70	LESS BUCKET
	-84	STAINLESS STEEL MECH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34710 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO PIECE BODY, WEJLOC® NON-PUNCTURING FLASHING CLAMP COLLAR WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, ROUND TOP AND EXTRA HEAVY-DUTY LOOSE-SET GRATE.

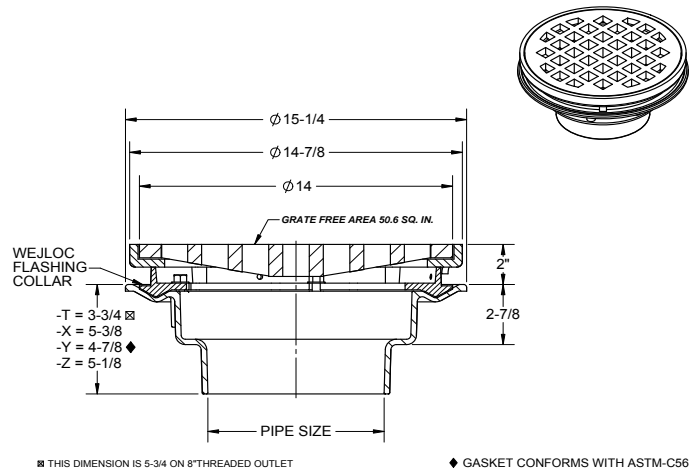
FLOOR DRAIN

EXTRA HEAVY-DUTY TOP

SERIES **34710**

FORMERLY 36410 SERIES

SLOTS 1-3/16" SQ.



	4"	PIPE SIZE		-19	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
	5"	PIPE SIZE		-20	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
	6"	PIPE SIZE		-49	3/4" PRIMER TAP
	8"	PIPE SIZE		-50	1/2" PRIMER TAP
				-88	SUPPLEMENTARY STRAINER
	-AE	LEVELZEZ ADJUSTABLE EXTENSION		-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID RESISTING EPOXY			
	-VP	SECURED GRATE		-T	THREADED OUTLET
				-X	INSIDE CAULK OUTLET
	-4	SECONDARY FLASHING CLAMP (USE WITH -AE ONLY)		-Y	HUB OUTLET WITH GASKET (4" SIZE ONLY)
	-7	DUCTILE IRON GRATE		-Z	NO-HUB SPIGOT OUTLET
	-15	CHAINED GRATE			

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34720 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, REMOVABLE SEDIMENT BUCKET AND EXTRA HEAVY-DUTY LOOSE-SET GRATE.

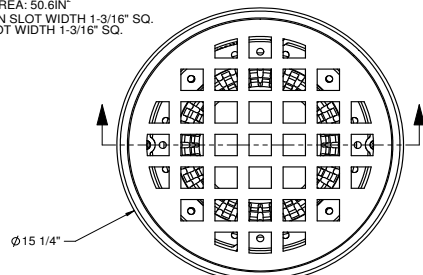
FLOOR DRAIN

15" EXTRA HEAVY-DUTY TOP
WITH BUCKET

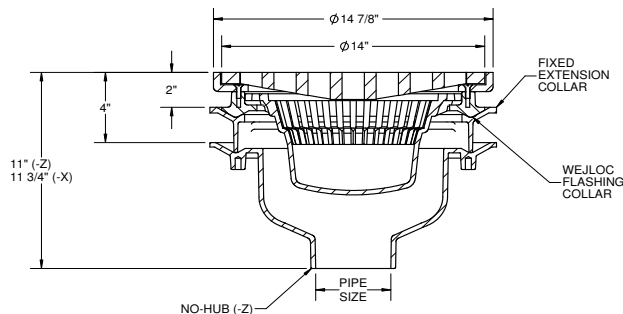
SERIES

34720

GRATE FREE AREA: 50.6IN²
STD. CAST IRON SLOT WIDTH 1-3/16" SQ.
-19 AND -20 SLOT WIDTH 1-3/16" SQ.



PIPE SIZE
3"
4"
5"
6"



-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-19	CAST IRON UNDERGRATE LAMINATED TOP, NIKALLOY
-20	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

-66	NO-HUB SIDE OUTLET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/18/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34920 SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SEDIMENT BUCKET DESIGNED SO EXTRA HEAVY-DUTY NON-CLOG GRATE CANNOT BE REPLACED WITHOUT BUCKET IN PLACE.

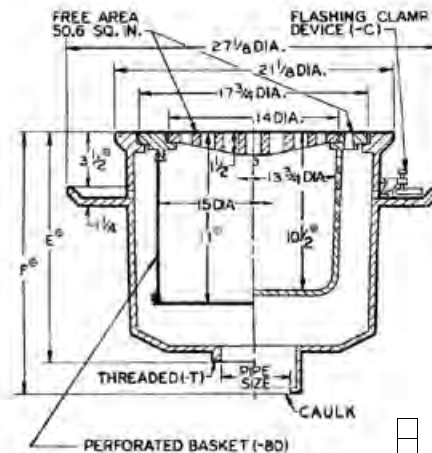
FLOOR DRAIN

NON-CLOG 21" ROUND W/ BUCKET

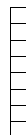
SERIES

34920

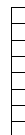
SLOT WIDTH 1-3/16" SQ.



Ⓢ ADD 1/4" WHEN FURNISHED
W/ NIKALLOY OR BRONZE TOP



- 12 SQUARE TOP
- 12-1 SQUARE TOP, NIKALLOY
- 12-2 SQUARE TOP, BRONZE
- 15 CHAINED GRATE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 19 CAST IRON UNDERGRATE LAMINATED TOP, NIKALLOY
- 20 CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
- C BOLTED FLASHING CLAMP DEVICE



- 49 3/4" PRIMER TAP
- 50 1/2" PRIMER TAP
- 66 NO-HUB SIDE OUTLET (3" - 6")
- 80 PERFORATED STAINLESS STEEL BASKET
- 84 STAINLESS STEEL MESH BUCKET LINER
- 92 GALVANIZED CAST IRON PARTS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET

PIPE SIZE	E	F
3"	14-3/4	16-7/8
4"	14-3/4	16-3/4
5"	15	16-7/8
6"	15	17-3/4
8"	15-1/4	17-3/4

DRAWING No. 10/25/13

A-02617-K

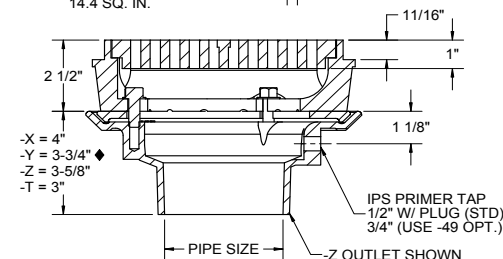
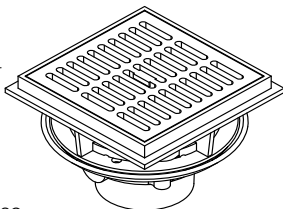
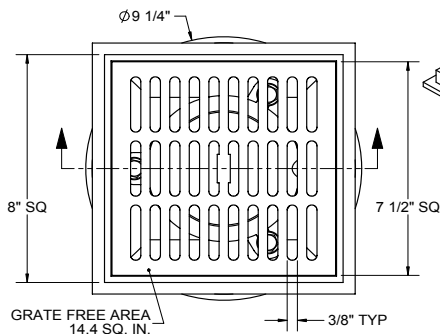
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

JOSAM 35100 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, WEJLOC NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP WITH HEAVY-DUTY LOOSE-SET GRATE.

FLOOR DRAIN
8" SQUARE TOP

 SERIES **35100**


PIPE SIZE
2"
3"
4"

◆ GASKET ON Y-CONNECTION
CONFORMS WITH ASTM-C564

-TSO	THREADED SIDE OUTLET
-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP

-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

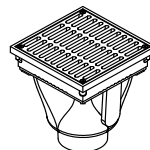
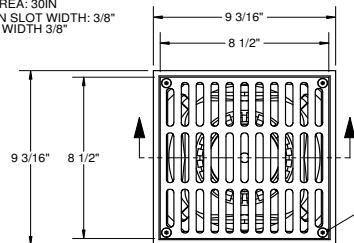
SPECIFICATION:

JOSAM 35130 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY, SEEPAGE SLOTS, BOTTOM OUTLET, MEDIUM-DUTY SECURED GRATE AND REMOVABLE SEDIMENT BUCKET, TOP FRAME SERVES AS CLAMP RING.

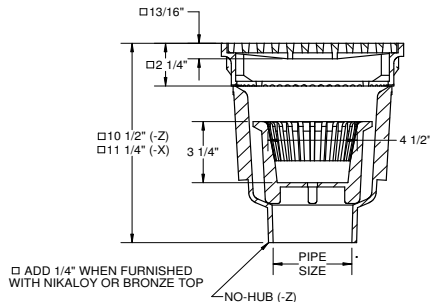
FLOOR DRAIN
9" SQUARE TOP
WITH BUCKET

 SERIES **35130**

GRATE FREE AREA: 30IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH 3/8"



FRAME SECURED TO
GRATE WITH SCREWS



PIPE SIZE
2"
3"
4"

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-14-1	HINGED GRATE, SATIN FINISH NIKALOY
-14-2	HINGED GRATE, SATIN FINISH BRONZE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET

-70	LESS BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID-RESISTING EPOXY
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 35130-14-1 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY, FLASHING FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE MEDIUM-DUTY SATIN NIKALOY HINGED GRATE AND REMOVABLE SEDIMENT BUCKET, TOP FRAME SERVES AS CLAMP RING.

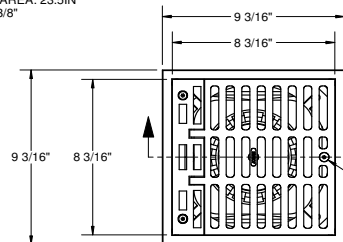
FLOOR DRAIN

9" SQUARE HINGED TOP
WITH BUCKET

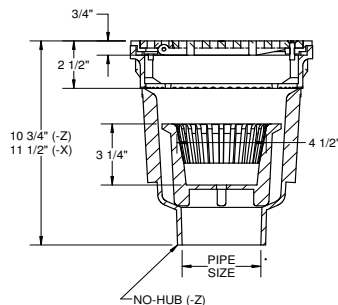
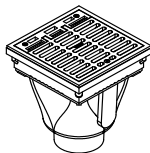
SERIES **35130-14-1**

FORMERLY 35230 SERIES

GRATE FREE AREA: 23.5 IN²
SLOT WIDTH 3/8"



FRAME SECURED TO
GRATE WITH SCREWS



PIPE SIZE
2"
3"
4"

X	-14-1	HINGED GRATE, SATIN FINISHED NIKALOY
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET
	-70	LESS BUCKET

	-84	STAINLESS STEEL MESH BUCKET LINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB SPIGOT OUTLET

35130-14-2 SAME, EXCEPT BRONZE TOP USED (FORMERLY 35230-2)

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 35170 SERIES COATED CAST IRON FLOOR DRAIN,
BOTTOM OUTLET, SQUARE TOP, MEDIUM-DUTY LOOSE-SET
TRACTOR GRATE AND REMOVABLE SEDIMENT BUCKET.

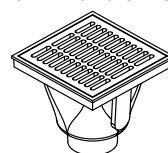
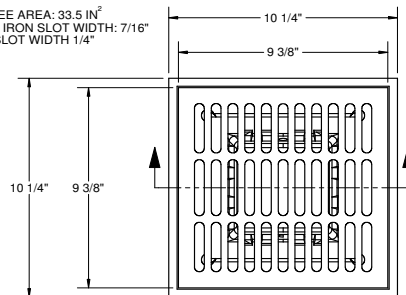
FLOOR DRAIN

10" TRACTOR TOP
WITH BUCKET

SERIES **35170**

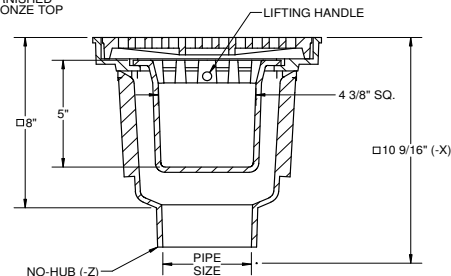
FORMERLY 37770A SERIES

GRATE FREE AREA: 33.5 IN²
STD. CAST IRON SLOT WIDTH: 7/16"
-1 AND -2 SLOT WIDTH 1/4"



PIPE SIZE
3"
4"

□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-15	CHAINED GRATE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-70	LESS BUCKET

	-84	STAINLESS STEEL MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

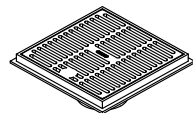
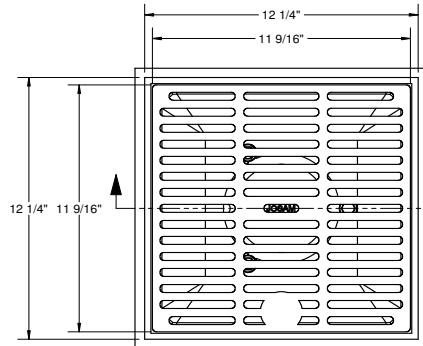
JOSAM 37800 SERIES COATED CAST IRON FLOOR DRAIN WITH FLASHING FLANGE AND 1/2" PRIMER TAP WITH PLUG, SHALLOW BODY, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION, SQUARE TOP AND HEAVY-DUTY LOOSE-SET GRATE.

FLOOR DRAIN

12" HEAVY-DUTY TOP, SHALLOW SUMP

SERIES **37800**

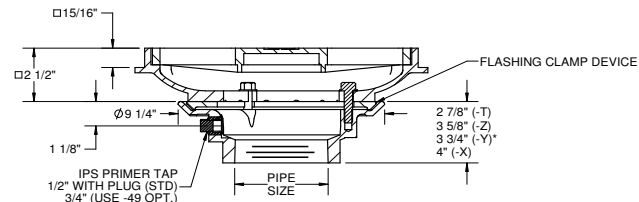
GRATE FREE AREA: 52 IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-19 AND -20 SLOT WIDTH 3/8"



PIPE SIZE
2"
3"
4"

□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

*GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564



-7	DUCTILE IRON GRATE
-14	HINGED GRATE
-18	HINGED GRATE WITH LATCHING DEVICE
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP
-49	3/4" PRIMER TAP
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

-66	NO-HUB SIDE OUTLET
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB-OUTLET WITH GASKET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

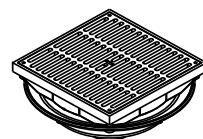
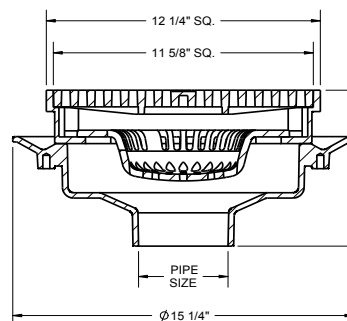
JOSAM 37810 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE MEDIUM-DEEP BODY WITH DOUBLE DRAINAGE FLANGE, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP, HEAVY DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

MEDIUM SUMP, 12" HEAVY DUTY TOP

SERIES **37810**

GRATE FREE AREA: 54 IN²



X = 5 3/8"
Y = 4 7/8"
Z = 5 1/8"
T = 3 3/4"

□ ADD 1/4" WHEN FURNISHED WITH BRONZE OR NIKALOY TOP

◆ GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
-X	INSIDE CAULK OUTLET
-Y	PUSH-ON
-Z	NO-HUB
-T	THREADED OUTLET
-AE	LEVELIZE ADJUSTABLE EXTENSION
-4"	SECONDARY FLASHING CLAMP
-7	DUCTILE IRON GRATE
-14	HINGED GRATE

* AVAILABLE WITH -AE ONLY

-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-18	HINGED GRATE W/ LATCHING DEVICE
-19	C.I. UNDERGRATE W/ SATIN NIKALOY TOP
-20	C.I. UNDERGRATE W/ SATIN BRONZE TOP
-39	SOLID CAST IRON COVER
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET
-70	LESS BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID RESISTANT EPOXY COATING

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

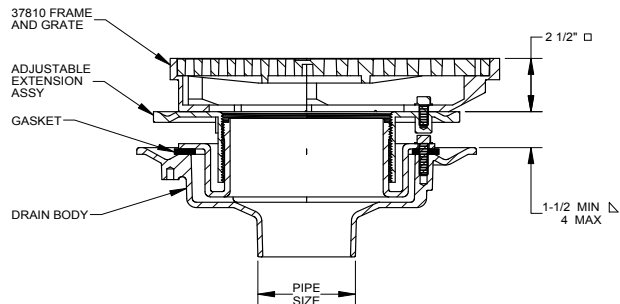
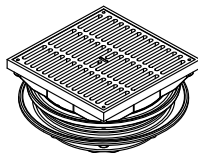
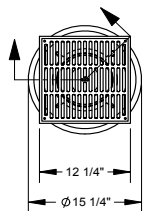
SPECIFICATION:

JOSAM 37810-AE SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-SUMP BODY, ADJUSTABLE EXTENSION, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP WITH HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN
12" HEAVY-DUTY TOP, ADJUSTABLE EXTENSION

SERIES **37810-AE**

SEE BASE PRODUCT SUBMITTAL 37810 FOR OTHER DETAILS, DIMENSIONS, AND OPTIONS



- ADD 1/4" WHEN FURNISHED WITH BRONZE OR NIKALOY TOP
 ▢ 2-1/4" MIN - 4-1/4" MAX WHEN USED WITH (-4) SECONDARY CLAMP

DATE OF LAST CHANGE: 07/24/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

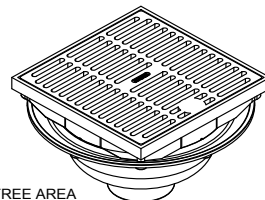
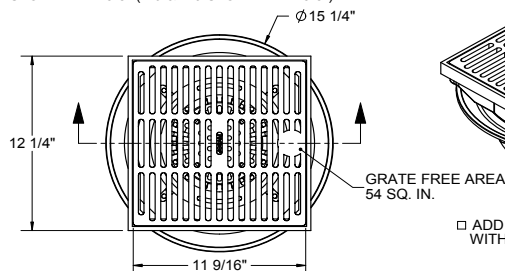
JOSAM 37820 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO-PIECE DEEP BODY WITH DOUBLE DRAINAGE FLANGE, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP, HEAVY-DUTY LOOSE SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

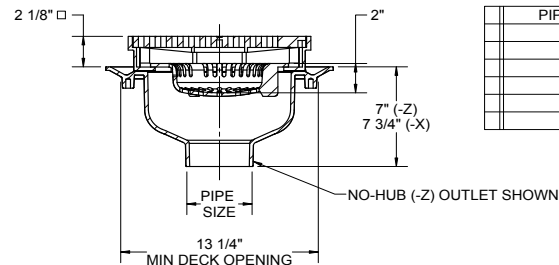
12" HEAVY-DUTY TOP, DEEP SUMP

SERIES **37820**

SLOT WIDTH 3/8" (-19 & -20 SLOT WIDTH 3/8")



- ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP



PIPE SIZE	
	2"
	3"
	4"
	5"
	6"
	8"

-AE	THREADED LEVELIZE ADJ. EXT.	-50	1/2" PRIMER TAP
-4	SECONDARY FLASHING CLAMP (-AE ONLY)	-66	NO-HUB SIDE OUTLET (2"-6" SIZES ONLY)
-7	DUCTILE IRON GRATE	-70	LESS BUCKET
-14	HINGED GRATE	-84	STAINLESS STEEL MESH BUCKET LINER
-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-88	SUPPLEMENTARY STRAINER
-18	HINGED GRATE WITH LATCHING DEVICE	-92	GALVANIZED CAST IRON PARTS
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP	-ARE	ACID RESISTING EPOXY
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP	-X	INSIDE CAULK OUTLET
-49	3/4" PRIMER TAP	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 37830 SERIES COATED CAST IRON FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE TOP AND HEAVY-DUTY HINGED LATCHING GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

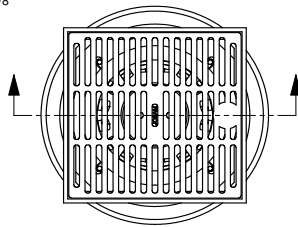
12" TOP WITH LATCHING GRATE

SERIES

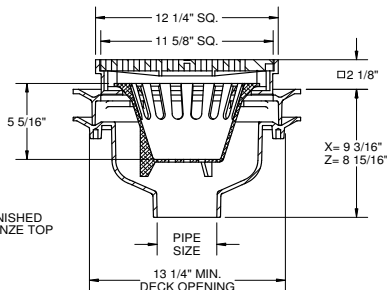
37830

FORMERLY 35620A SERIES

GRATE FREE AREA: 54 IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-19 AND -20 SLOT WIDTH 3/8"



PIPE SIZE
2"
3"
4"
5"
6"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

-7	DUCTILE IRON GRATE
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP
-21	LOOSE-SET GRATE
-22	LESS LATCHING GRATE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

-66	NO-HUB SIDE OUTLET
-69	LIFT HANDLE FOR SEDIMENT BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/16/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 37840 SERIES COATED CAST IRON FLOOR DRAIN DOUBLE DRAINAGE FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE TOP AND HEAVY-DUTY SECURED GRATE AND REMOVABLE SEDIMENT BUCKET. TOP FRAME SERVES AS CLAMP RING.

FLOOR DRAIN

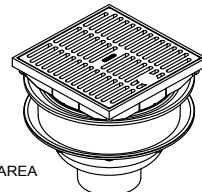
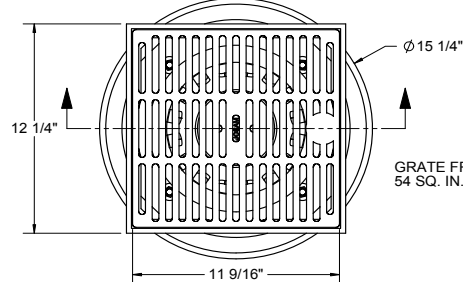
12" TOP WITH BUCKET

SERIES

37840

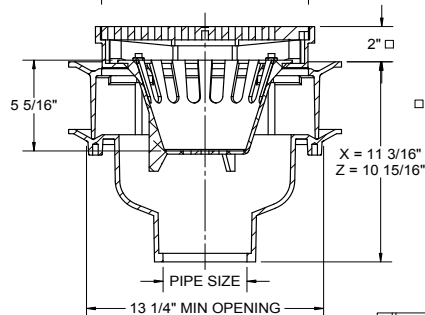
FORMERLY 35330 SERIES

SLOT WIDTH 3/8" (-19 & -20 SLOT WIDTH 3/8")



GRATE FREE AREA
54 SQ. IN.

PIPE SIZE
2"
3"
4"
5"
6"
8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

-7	DUCTILE IRON GRATE
-14	HINGED GRATE
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET (2"-6" SIZES ONLY)

-70	LESS BUCKET
-88	SUPPLEMENTARY STRAINER
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SIDE OUTLET
-Q1	SOLID COVER

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 37900 SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH SQUARE GRATE SET IN SQUARE FRAME, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY, REMOVABLE SEDIMENT BUCKET AND HEAVY-DUTY DUCTILE IRON GRATE.

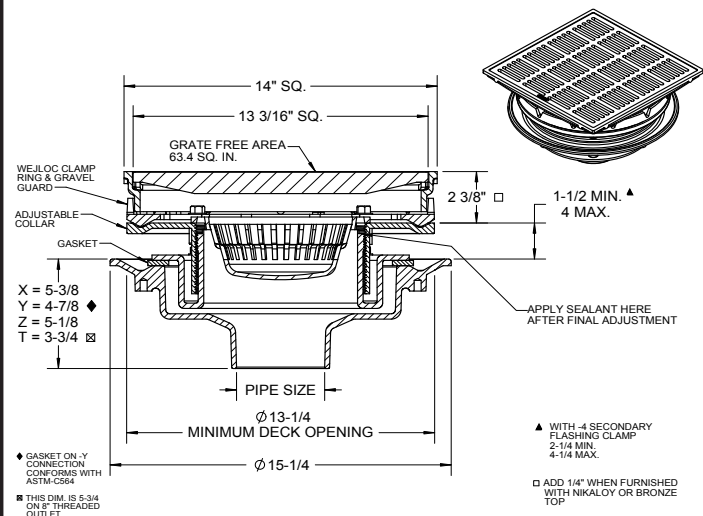
FLOOR DRAIN

14" PACKING HOUSE TYPE

SERIES **37900**

FORMERLY 31800 SERIES

SLOT WIDTH 9/16" (-19 & -20 SLOT WIDTH 1/4")



	2"	PIPE SIZE		-4	SECONDARY FLASHING CLAMP
	3"	PIPE SIZE		-15	CHAINED GRATE
	4"	PIPE SIZE		-19	HVY-DUTY DUCTILE IRON UNDERGRATE, SATIN FINISH NIKALOY TOP
	5"	PIPE SIZE		-20	HVY-DUTY DUCTILE IRON UNDERGRATE, SATIN FINISH BRONZE TOP
	6"	PIPE SIZE		-70	LESS BUCKET
	8"	PIPE SIZE		-84	STAINLESS STEEL MESH BUCKET LINER
				-88	SUPPLEMENTARY STRAINER
	-X	INSIDE CAULK OUTLET		-92	GALVANIZED CAST IRON PARTS
	-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)			
	-Z	NO-HUB SPOIGOT OUTLET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-T	THREADED OUTLET			

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 37960 SERIES COATED CAST IRON FLOOR DRAIN DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET WITH INSIDE CAULK CONNECTION, SQUARE TOP, MEDIUM-DUTY LOOSE-SET SUPERFLO® GRATE AND SECONDARY STRAINER.

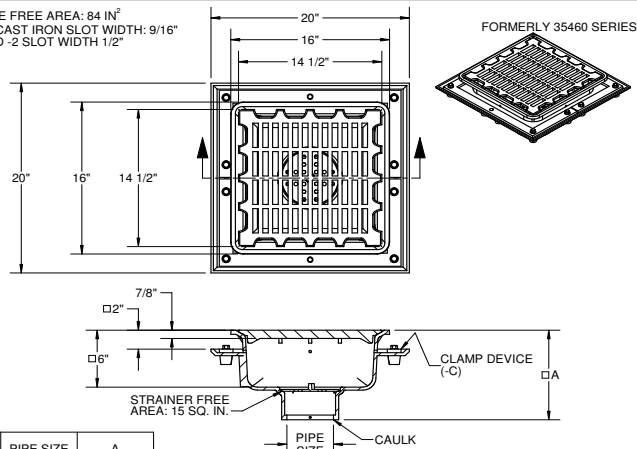
FLOOR DRAIN

16" SUPER-FLO® TOP

SERIES **37960**

FORMERLY 35460 SERIES

GRATE FREE AREA: 84 IN²
STD. CAST IRON SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH 1/2"



PIPE SIZE	A
2"	9-1/4
3"	9-1/4
4"	9-1/2
5"	9-7/8
6"	9-7/8

Ø 2" SIZE FURNISHED WITH CAULK RING

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-LG	LESS GRATE, CI
-LG1	LESS GRATE, NIKALOY
-LG2	LESS GRATE, BRONZE
-11	EXTRA-HEAVY DUTY GRATE
-15	CHAINED GRATE
-LF	LESS DOUBLE DRAINAGE FLANGE

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-81	SLOTTED CAST IRON BUCKET
-84	SS MESH BUCKET LINER (MUST SPECIFY -81)
-92	GALVANIZED CAST IRON PARTS
-92-LF	GALVANIZED PARTS, LESS FLANGE
-92-LG-LF	GALV. PARTS, LESS GRATE, LESS FLANGE
-ARE	ACID RESISTING EPOXY (SEE 49400)

DATE OF LAST CHANGE: 6/13/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

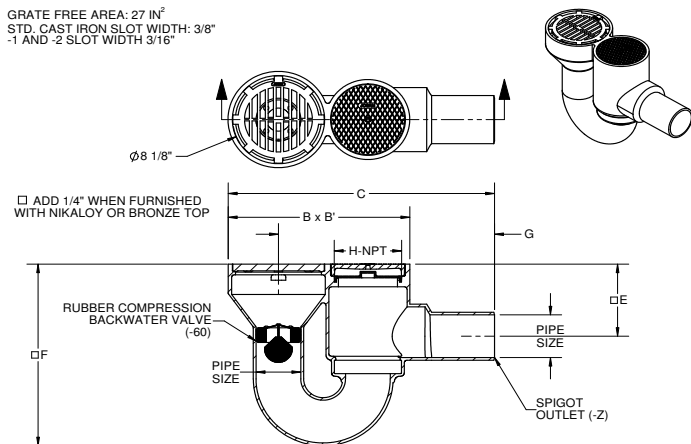
SPECIFICATION:

JOSAM 38040 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET SPIGOT CONNECTION, ROUND TOP, MEDIUM-DUTY LOOSE-SET SUPERFLO® GRATE AND CLEANOUT PROTECTED BY TRACTOR COVER.

FLOOR DRAIN ROUND TOP AND CLEANOUT

SERIES **38040**

GRATE FREE AREA: 27 IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH 3/16"



	PIPE SIZE	B x B'	C	E	F	G	H
	2"	14-1/8 x 9	21-1/8	5-3/4	13-1/2	16-5/8	4
	3"	16-1/4 x 9	23-13/16	6-3/4	17	19-3/8	5
	4"	16-1/4 x 9	23-13/16	6-3/4	17	19-3/8	5

*NOTE: 3" SIZE USES A 4" BODY WITH 4" x 3" REDUCING COUPLING

-1 SATIN FINISH NIKALOY TOP	-51 1-1/2" AUXILIARY THREAD INLET
-2 SATIN FINISH BRONZE TOP	-52 2" AUXILIARY THREAD INLET
-7 DUCTILE IRON GRATE	-60 BACKWATER VALVE
-11 EXTRA HEAVY-DUTY GRATE	-81 SLOTTED CAST IRON BUCKET
-15 CHAINED GRATE	-81-92 SLOTTED IRON BUCKET, GALVANIZED PARTS
-VP SECURED GRATE, VANDAL-PROOF SCREWS	-84 SS MESH BUCKET LINER (MUST SPECIFY -81)
-HP HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-88 SUPPLEMENTARY STRAINER
-49 3/4" PRIMER TAP	-92 GALVANIZED CAST IRON PARTS
-50 1/2" PRIMER TAP	

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

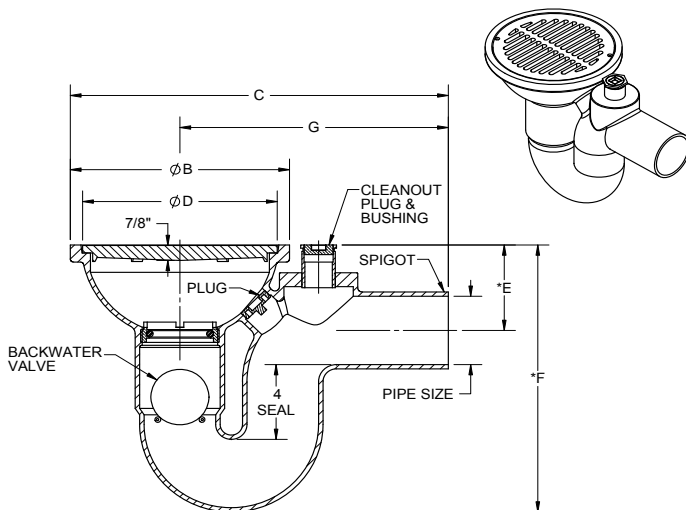
JOSAM 38250A SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET SPIGOT CONNECTION, ROUND TOP, MEDIUM-DUTY LOOSE-SET GRATE, FLUSH-WITH-FLOOR CLEANOUT AND BALL-FLOAT TYPE BACKWATER VALVE.

FLOOR DRAIN ROUND TOP W/CLEANOUT & BWV

SERIES **38250A**

SLOT WIDTH 7/16" (-1 & -2 SLOT WIDTH 7/16")

* WHEN FURNISHED WITH NIKALOY OR BRONZE TOP ADD 1/4" ON 2" & 3" OUTLET TYPES, ADD 1/2" ON 4" OUTLET TYPE.



	PIPE SIZE	ØB	DIM C	ØD	DIM E	DIM F	DIM G	FREE AREA
	2"	9"	15"	8"	4-1/2"	11-7/8"	10-1/2"	17.7
	3"	10"	18"	9"	3-7/8"	12-3/4"	13"	18.3
	4"	12-1/4"	21"	11"	5-3/8"	15-5/8"	15"	29.4

-1 SATIN FINISH NIKALOY TOP	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-2 SATIN FINISH BRONZE TOP	-61 LESS BACKWATER VALVE
-15 CHAINED GRATE	-92 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

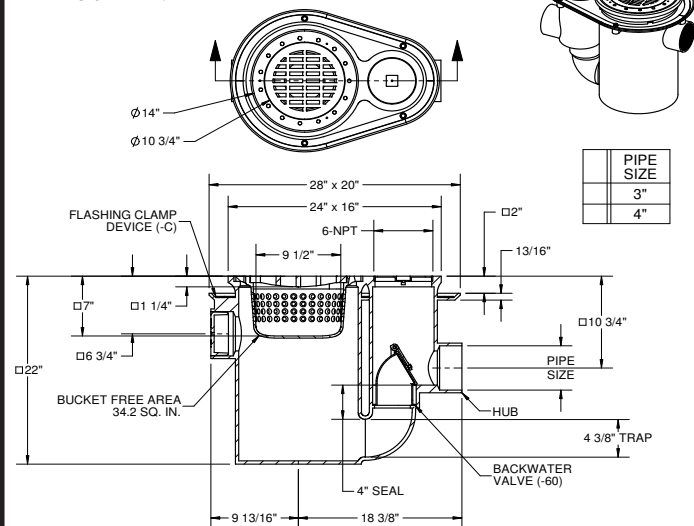
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38420 SERIES COATED CAST IRON COMBINATION EXTRA DEEP FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB CONNECTION, ROUND TOP, FLUSH-WITH-FLOOR CLEANOUT AND REMOVABLE SEDIMENT BUCKET WITH INTERNAL AUXILIARY DRAINAGE RIM DESIGNED SO THAT MEDIUM-DUTY LOOSE-SET NON-CLOG GRATE CANNOT BE REPLACED UNLESS BUCKET IS IN POSITION.

GRATE FREE AREA: 21.4 IN²
STD. CAST IRON SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH 1/2"



☐ ADD 1/4\"/>

Δ		-IGS	INTERNAL GAS SEAL (4\"/>
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Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

FLOOR DRAIN

NON-CLOG WITH CLEANOUT & BUCKET

SERIES

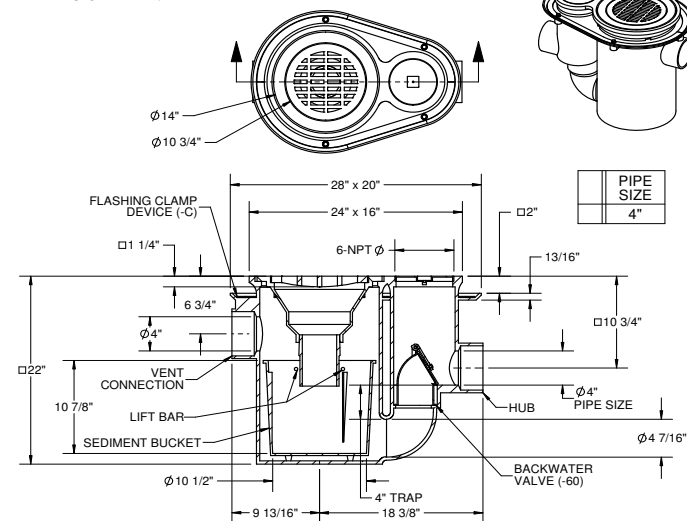
38420

PIPE SIZE
3"
4"

SPECIFICATION:

JOSAM 38420-IGS SERIES COATED CAST IRON COMBINATION FLOOR EXTRA DEEP DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB VENT CONNECTION, ROUND TOP, FLUSH-WITH-FLOOR CLEANOUT AND REMOVABLE SEDIMENT BUCKET, FUNNEL SHAPED INTERNAL SEAL WITH INTEGRAL RIM DESIGNED SO THAT HEAVY-DUTY GRATE CANNOT BE REPLACED UNLESS FUNNEL IS IN POSITION.

GRATE FREE AREA: 21.4 IN²
STD. CAST IRON SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH 1/2"



☐ ADD 1/4\"/>

X		-IGS	INTERNAL GAS SEAL
	-1	-1	SATIN FINISH NIKALOY TOP
	-2	-2	SATIN FINISH BRONZE TOP
	-15	-15	CHAINED GRATE
	-VP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

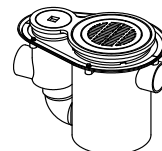
FLOOR DRAIN

WITH INTERNAL GAS SEAL

SERIES

38420-IGS

FORMERLY 39420 SERIES



PIPE SIZE
3"
4"

☐ ADD 1/4\"/>

	-C	BOLTED FLASHING CLAMP DEVICE
	-60	BACKWATER VALVE
	-84	STAINLESS STEEL MESH BUCKET LINER
	-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 6/12/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DATE OF LAST CHANGE: 6/12/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

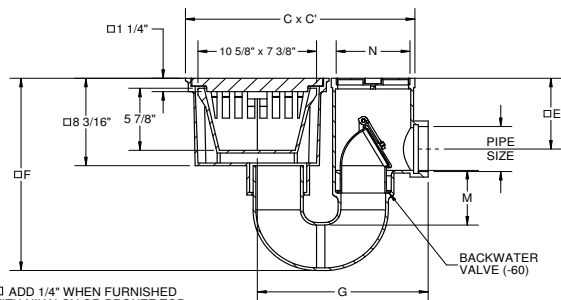
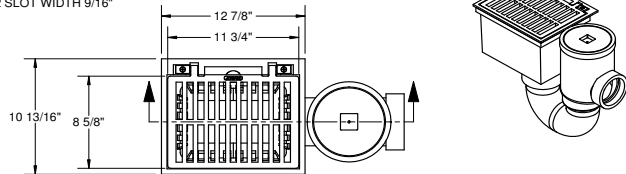
JOSAM 38620-40 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET THREADED CONNECTION, RECTANGULAR TOP, FLUSH-WITH-FLOOR CLEANOUT, REMOVABLE MEDIUM-DEEP SEDIMENT BUCKET AND HEAVY-DUTY HINGED GRATE.

FLOOR DRAIN

13" x 11" TOP WITH HINGED GRATE

SERIES **38620-40**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH 9/16"



□ ADD 1/4\"

PIPE SIZE	C x C'	E	F	G	M	N
3"	19-1/2 x 10-7/8	7-1/8	17	14-1/4	5	5
4"	20-1/2 x 10-7/8	6-5/8	18	15-3/8	5	6

-1	SATIN FINISH NIKALOY TOP	-60	BACKWATER VALVE
-2	SATIN FINISH BRONZE TOP	-70	LESS BUCKET
-7	DUCTILE IRON GRATE	-84	STAINLESS STEEL MESH BUCKET LINER
-33	GALVANIZED BUCKET ONLY	-92	GALVANIZED CAST IRON PARTS
-49	3/4\" PRIMER TAP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-50	1/2\" PRIMER TAP		

DATE OF LAST CHANGE: 6/10/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38640 SERIES COATED CAST IRON FLOOR DRAIN WITH SIDE OUTLET HUB CONNECTION, RECTANGULAR TOP, REMOVABLE SEDIMENT BUCKET AND EXTRA HEAVY-DUTY HINGED GRATE.

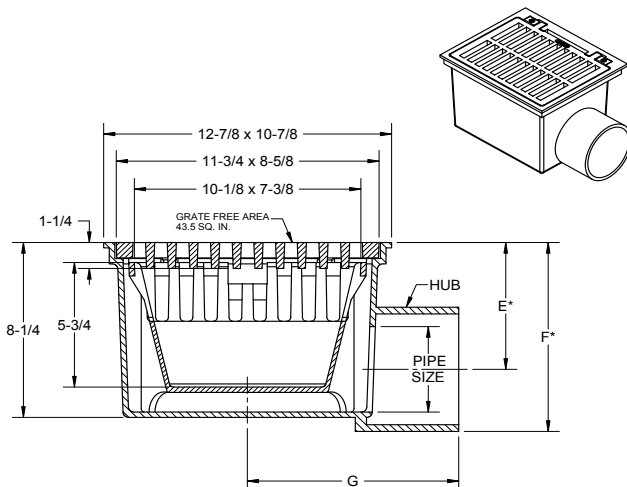
FLOOR DRAIN

13" x 11" TOP W/BUCKET

SERIES **38640**

SLOT WIDTH 9/16" (-1 & -2 SLOT WIDTH 9/16")

FORMERLY 36640 SERIES



* ADD 1/4\"

PIPE SIZE	E	F	G
2"	7	8-3/4	8
3"	6-1/2	8-7/8	8-1/4
4"	6	8-7/8	8-5/8

2"	PIPE SIZE	-7	DUCTILE IRON GRATE
3"	PIPE SIZE	-70	LESS BUCKET
4"	PIPE SIZE	-84	STAINLESS STEEL MESH BUCKET LINER
		-92	GALVANIZED CAST IRON PARTS
-1	SATIN FINISH NIKALOY TOP		
-2	SATIN FINISH BRONZE TOP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38820 SERIES COATED CAST IRON FLOOR DRAIN WITH FLASHING FLANGE, BOTTOM OUTLET, RECTANGULAR TOP, REMOVABLE DEEP SEDIMENT BUCKET AND MEDIUM-DUTY LOOSE-SET TRACTOR GRATE. TOP FRAME SERVES AS CLAMP RING.

FLOOR DRAIN

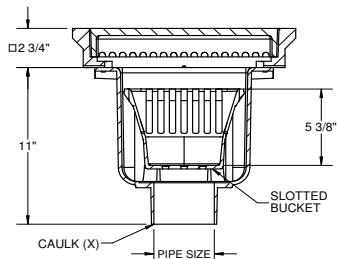
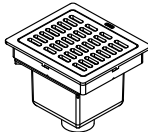
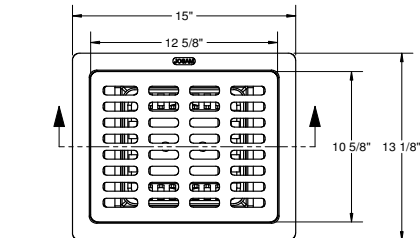
15" x 13" TOP WITH
TRACTOR GRATE

SERIES

38820

TRACTOR GRATE FREE AREA: 35.2 IN²
STD. CAST IRON SLOT WIDTH: 5/8"
-1 AND -2 SLOT WIDTH 5/8"

FORMERLY 36820A SERIES



PIPE SIZE	E	F
3"	10-3/8	12-1/8
4"	10-1/2	12-3/8

□ ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRONZE TOP

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

-66	NO-HUB SIDE OUTLET
-74	ALUMINUM BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/6/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38830 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB CONNECTION, RECTANGULAR TOP, HEAVY-DUTY HINGED GRATE, REMOVABLE DEEP SEDIMENT BUCKET AND INTERNAL BRONZE CLEANOUT.

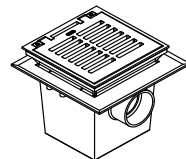
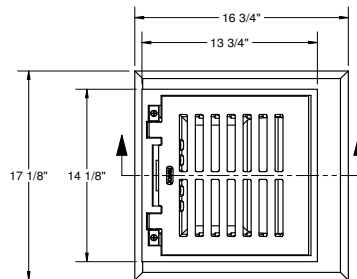
FLOOR DRAIN

13-3/4" x 14-1/8" TOP
WITH HINGED GRATE

SERIES

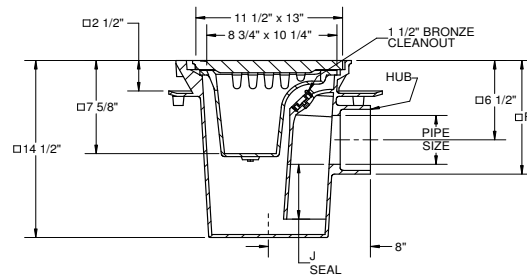
38830

GRATE FREE AREA: 40.1 IN²
STD. CAST IRON SLOT WIDTH: 5/8"
-1 AND -2 SLOT WIDTH 5/8"



PIPE SIZE	F	J
3"	8-7/8"	5
4"	9-3/8"	4-1/2

□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 6/5/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38850 SERIES COATED CAST IRON FLOOR DRAIN, BOTTOM OUTLET INSIDE CAULK CONNECTION, RECTANGULAR TOP, HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE INTERNAL DOME STRAINER

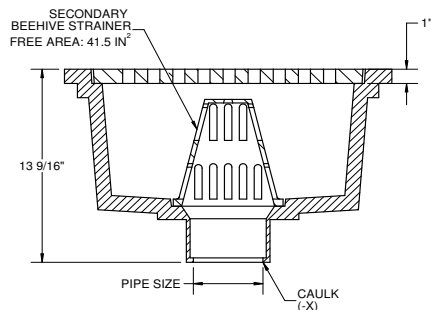
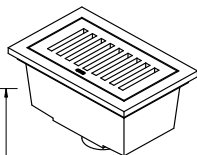
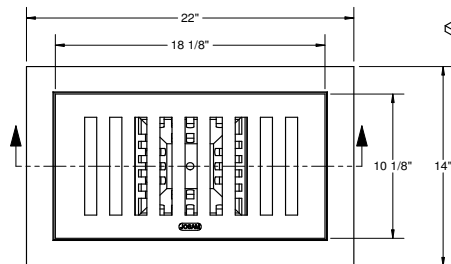
FLOOR DRAIN

22" x 14" TOP WITH
INTERNAL DOME STRAINER

SERIES **38850**

FORMERLY 38850 SERIES

GRATE FREE AREA: 50.2 IN²
STD. CAST IRON SLOT WIDTH: 13/16"



PIPE SIZE
3"
4"
**5"
6"

*NOTE: 3" SIZE USES A 4" BODY
WITH A 4" x 3" REDUCING BUSHING

**NOTE: 5" SIZE USES A 6" BODY
WITH A 6" x 5" REDUCING BUSHING

-7	DUCTILE IRON COVER
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 6/3/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

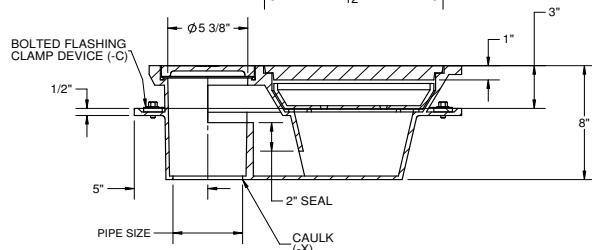
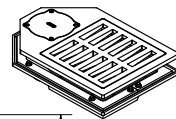
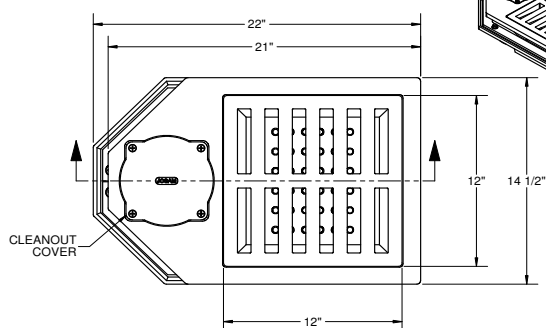
JOSAM 38930 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET INSIDE CAULK CONNECTION, RECTANGULAR TOP, HEAVY-DUTY LOOSE-SET GRATE, REMOVABLE SEDIMENT BUCKET AND FLUSH-WITH-FLOOR CLEANOUT.

FLOOR DRAIN

21" x 14-1/2" TOP,
CLEANOUT, BUCKET

SERIES **38930**

GRATE FREE AREA: 50 IN²
STD. CAST IRON SLOT WIDTH: 7/8"



-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-C	BOLTED FLASHING CLAMP DEVICE
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS

PIPE SIZE
3"
4"

*NOTE: 3" SIZE USES A 4" BODY
WITH A 4" x 3" REDUCING BUSHING

DATE OF LAST CHANGE: 6/3/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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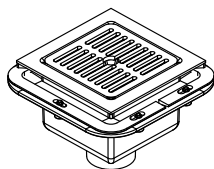
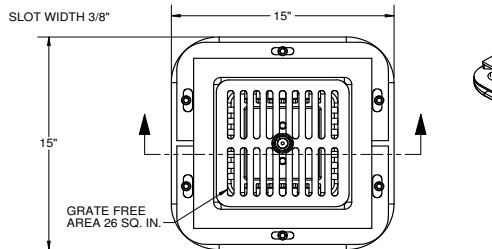
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

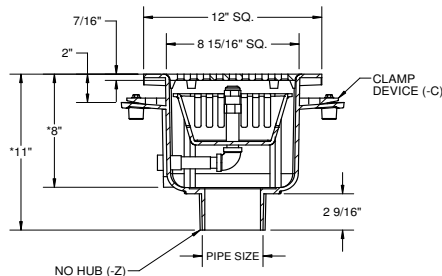
SPECIFICATION:

JOSAM SERIES 39240 SQUARE CAST IRON CAN WASH DRAIN, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, REMOVABLE SEDIMENT BUCKET, BRONZE SPRAY NOZZLE ASSEMBLY AND CAST IRON NON-TRAFFIC GRATE.

FLOOR DRAIN
12" SQUARE TOP,
CAN WASH DRAIN

 SERIES **39240**


PIPE SIZE	
	3"
	4"



NOTE: VACUUM BREAKER SHOULD BE INSTALLED SUBJECT TO LOCAL CODE REQUIREMENTS

*ADD 3/8" WHEN FURNISHED WITH -1 OR -2 OPTION

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE
-15	CHAINED GRATE
-35	BUCKET LINER (STAINLESS STEEL)

-92	GALVANIZED CAST IRON, INSIDE AND OUTSIDE (NO ARE)
-66	NO-HUB SIDE OUTLET
-C	CLAMP DEVICE
-X	INSIDE CAULK OUTLET
-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 5/22/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

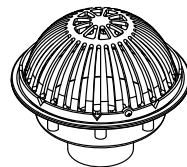
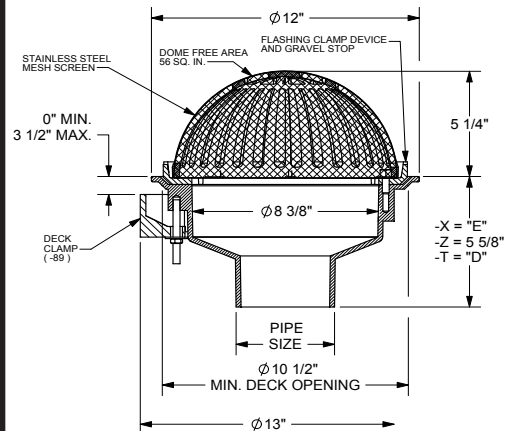
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 39600 SERIES COATED CAST IRON PLANTING AREA DRAIN WITH FLASHING FLANGE AND CLAMP DEVICE, BOTTOM OUTLET, STAINLESS STEEL MESH SCREEN COVERED DOME SECURED IN PLACE BY BOLTS.

FLOOR DRAIN
PLANTING AREA DRAIN

 SERIES **39600**


2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET
-T	THREADED OUTLET
-66	NO-HUB SIDE OUTLET
-89	DECK CLAMP ASSEMBLY
-92	GALVANIZED CAST IRON PARTS

PIPE SIZE	D	E
2"	4 3/4"	6 1/4"
3"	4 3/4"	6 1/4"
4"	4 1/2"	6 1/4"
5"	4 3/8"	6"
6"	4"	5 3/4"

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 39720 SERIES COATED CAST IRON AREA DRAIN WITH COMPOSITION DECK FLANGE, BOTTOM OUTLET, 11" ROUND TOP, HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

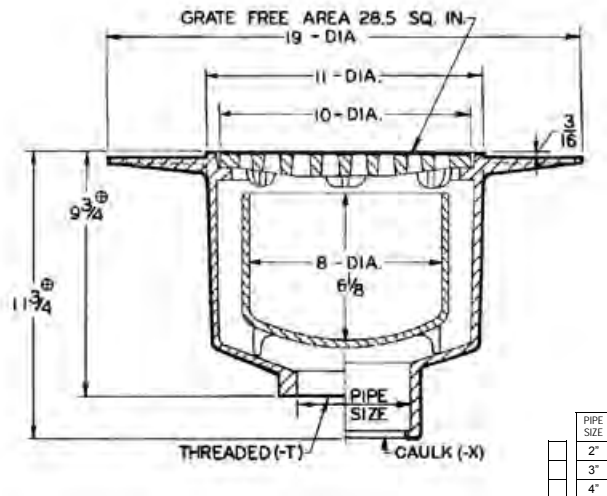
11" TOP COMPOSITION DECK FLANGE

SERIES

39720

SLOT WIDTH 5/8" (-1 & -2 SLOT WIDTH 1/2")

⊕ ADD 1/4" WHEN FURNISHED
W/ NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"

- 1 SATIN FINISH NIKALOY TOP
- 2 SATIN FINISH BRONZE TOP
- 7 DUCTILE IRON GRATE
- 13 DOME GRATE, CAST IRON
- 13-1 DOME GRATE, NIKALOY
- 13-2 DOME GRATE, BRONZE

- 15 CHAINED GRATE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 70 LESS BUCKET
- 92 GALVANIZED CAST IRON PARTS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET

DRAWING No. 05/16/08

A-10972-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

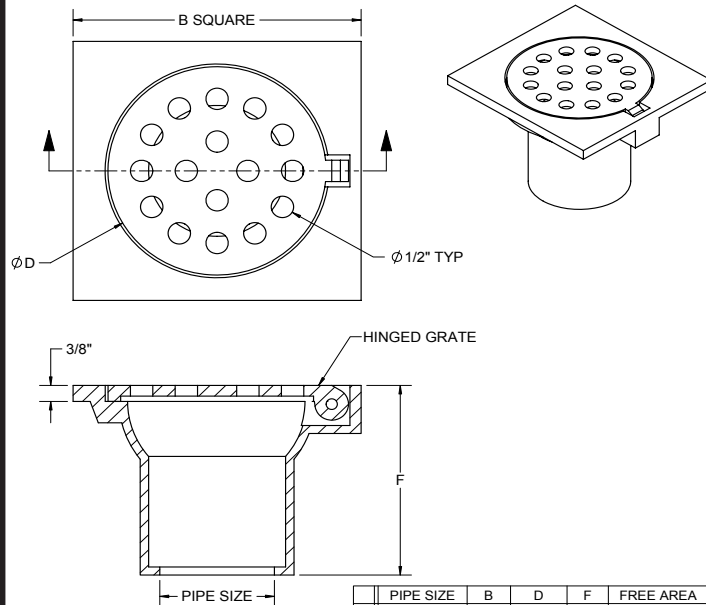
JOSAM 39960 SERIES COATED CAST IRON FLOOR DRAIN, BOTTOM OUTLET, INSIDE CAULK CONNECTION AND SQUARE TOP WITH ROUND HINGED GRATE.

FLOOR DRAIN

SQUARE TOP W/ HINGED GRATE

SERIES

39960



	PIPE SIZE	B	D	F	FREE AREA
	2"	6	4-7/8	4-1/2	3.0
	3"	9	7-3/8	6-1/8	6.6
	4"	12	10-1/8	7	11.4

- VP SECURED GRATE, VANDAL-PROOF SCREWS
- ARE ACID-RESISTING EPOXY
- 92 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/27/15

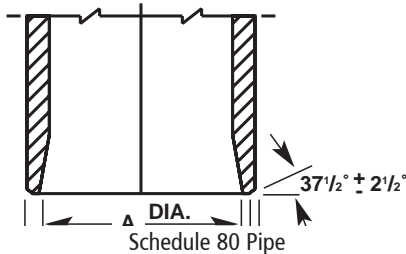
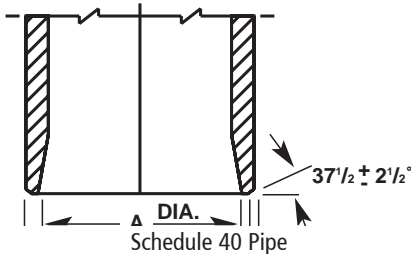
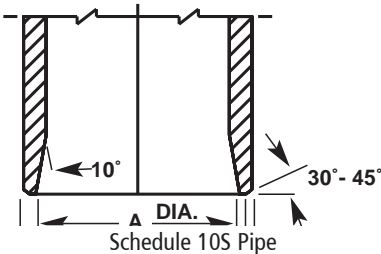
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

Cast Stainless Steel Butt-Weld Outlet Connection Data

Josam cast stainless steel drains and cleanouts are regularly furnished with Schedule 40S butt-weld outlet connections. Butt-weld outlet connections can also be furnished in Schedule 10S and 80S as specified.



PIPE SCHEDULE	PIPE SIZE 2"	PIPE SIZE 2"	PIPE SIZE 3"	PIPE SIZE 3"	PIPE SIZE 4"	PIPE SIZE 4"	PIPE SIZE 6"	PIPE SIZE 6"	PIPE SIZE 8"	PIPE SIZE 8"
Dimension	A	B	A	B	A	B	A	B	A	B
10S	2.157	2.375	3.260	3.500	4.260	4.500	6.357	6.625	8.329	8.625
40S	2.067	2.375	3.068	3.500	4.026	4.500	6.065	6.625	7.981	8.625
80S	1.939	2.375	2.900	3.500	3.826	4.500	5.761	6.625	7.625	8.625

SPECIFICATION:

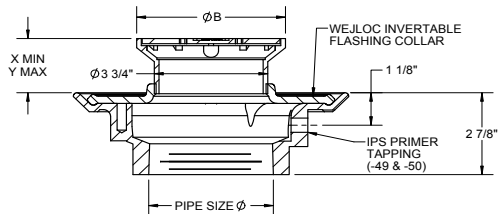
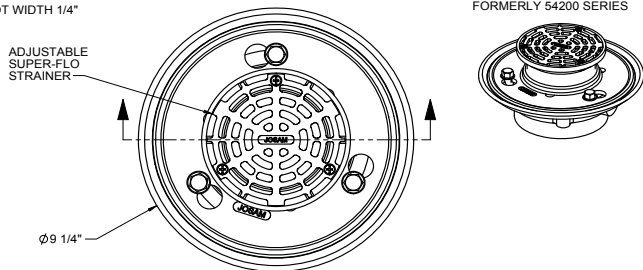
JOSAM 30000-A-SS-T SERIES TYPE 316 CAST STAINLESS STEEL FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM THREADED OUTLET CONNECTION AND ADJUSTABLE ROUND SUPER-FLO® STRAINER.

STAINLESS STEEL ADJUSTABLE FLOOR DRAIN

SERIES **30000-A-SS-T**

FORMERLY 54200 SERIES

SLOT WIDTH 1/4"



STAINER	B	X	Y	FREE AREA (SQ. IN.)
-5A-SS	5	3/4"	2-1/8"	7.8
-6A-SS	6	1-1/4"	2-3/8"	11.0
-7A-SS	7	1-1/8"	2-7/8"	13.2
-8A-SS	8	1-5/8"	2-5/8"	16.2

PIPE SIZE
2"
3"
4"

-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-80	PERFORATED STAINLESS STEEL BASKET

DATE OF LAST CHANGE: 5/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

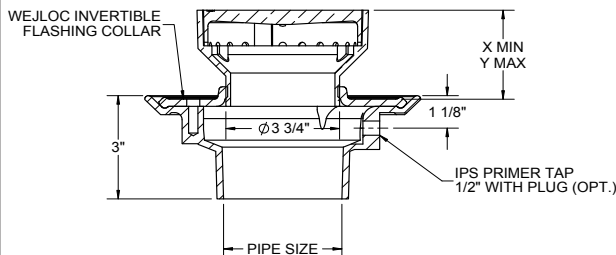
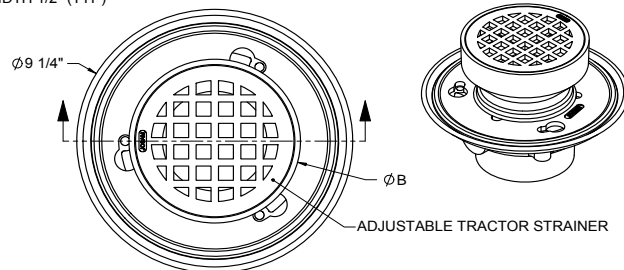
SPECIFICATION:

JOSAM SERIES 30000-E-SS STAINLESS STEEL FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND STAINLESS STEEL ADJUSTABLE ROUND STRAINER WITH TRACTOR GRADE.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-E-SS**

SLOT WIDTH 1/2" (TYP)



STRAINER	B	X	Y	FREE AREA
-6E	6	2-1/4"	3-1/2"	6.7
-7E	7	1-7/8"	3-1/8"	12.0

2"	PIPE SIZE			
3"	PIPE SIZE			
4"	PIPE SIZE			
		X	-SS	STAINLESS STEEL TOP (6E OR 7E ONLY)
			-80	PERFORATED STAINLESS STEEL BASKET
-21	4" DIAMETER FUNNEL		-J	BACKWATER VALVE
-22	6" DIAMETER FUNNEL		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
			-T	THREADED OUTLET
-50	1/2" PRIMER TAP			

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

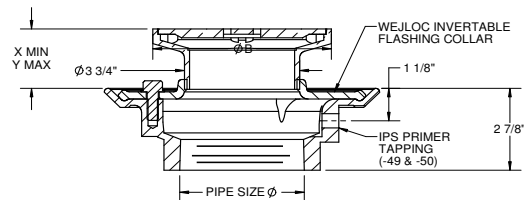
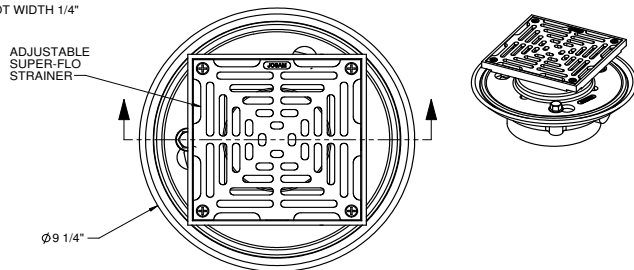
SPECIFICATION:

JOSAM 30000-S-SS-T SERIES TYPE 316 CAST STAINLESS STEEL FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® INVERTABLE FLASHING COLLAR, WEEPHOLES, BOTTOM THREADED OUTLET CONNECTION AND ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

STAINLESS STEEL ADJUSTABLE FLOOR DRAIN

SERIES **30000-S-SS-T**

SLOT WIDTH 1/4"



	STAINER	B	X	Y	FREE AREA (SQ. IN.)
	-5S-SS	5	7/8"	1-7/8"	9.1
	-6S-SS	6	7/8"	2-1/4"	13.8
	-8S-SS	8	1-1/4"	2-1/2"	24.5

	PIPE SIZE
	2"
	3"
	4"

-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-80	PERFORATED STAINLESS STEEL BASKET

DATE OF LAST CHANGE: 5/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-SS SERIES TYPE 316L CAST STAINLESS STEEL FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, WEEPHOLES, ROUND TOP, HEAVY-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS, BOTTOM OUTLET, BUTT WELD CONNECTION FOR SCHEDULE 40 PIPE.

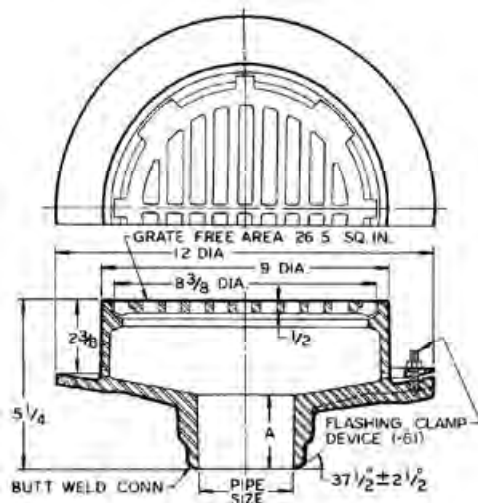
FLOOR DRAIN 9" ROUND TOP, STAINLESS STEEL

SERIES

32100-SS

FORMERLY 54230 SERIES

SLOT WIDTH 15/32"



PIPE SIZE	A
2"	1-7/8"
3"	2-3/8"
4"	2-1/2"

- ▲ -AE LEVELZE® ADJUSTABLE EXTENSION
- ▲ -81 SLOTTED STAINLESS STEEL BUCKET
- 8 SOLID COVER (SPECIFY MATERIAL)
- 9 STAINLESS STEEL MESH ON UNDERSIDE OF GRATE
- 21 4" ROUND FUNNEL (SAME MATERIAL AS GRATE)
- 21-67 4" ROUND FUNNEL (TYPE 316 STAINLESS STEEL)
- 22 6" ROUND FUNNEL (SAME MATERIAL AS GRATE)
- 22-67 6" ROUND FUNNEL (TYPE 316 STAINLESS STEEL)
- 23 9" x 3" OVAL FUNNEL (SAME MATERIAL AS GRATE)
- 23-67 9" x 3" OVAL FUNNEL (TYPE 316 STAINLESS STEEL)
- 25 TYPE 304 STAINLESS STEEL RECESSED CLOSURE PLUG
- 26 MOLDED ABS RECESSED CLOSURE PLUG
- 34 "T" HANDLE FOR RECESSED PLUG
- 61 FLASHING CLAMP DEVICE
- 69 SCHEDULE 10 S BUTT WELD CONNECTION

▼ SEPARATE SUBMITAL FOR THIS OPTION AVAILABLE

DRAWING No. 10/13/14

A-13019-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

JOSAM 32100-SS-AE SERIES TYPE 316 CAST STAINLESS STEEL
LEVELEZE® FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, WEEPHOLES,
ROUND TOP, ADJUSTABLE COLLAR WITH ROLLED THREADS AND
HEAVY-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH
PERIMETER DRAINAGE SLOTS, BOTTOM OUTLET, BUTT WELD
CONNECTION FOR SCHEDULE 40 PIPE.

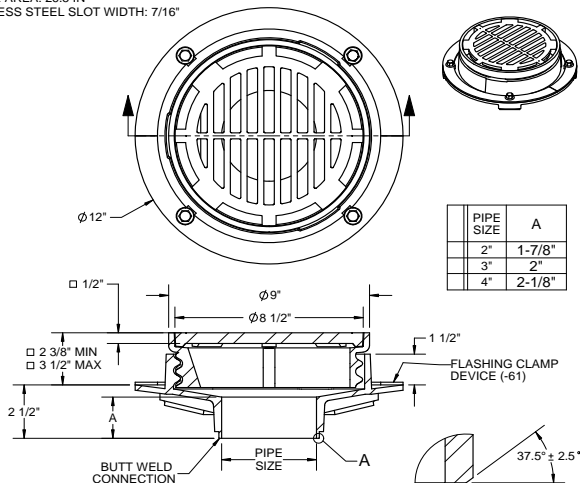
FLOOR DRAIN

**9" ROUND TOP,
STAINLESS STEEL**

SERIES **32100-SS-AE**

FORMERLY 54210 SERIES

GRATE FREE AREA: 26.5 IN²
STD. STAINLESS STEEL SLOT WIDTH: 7/16"



PIPE SIZE	A
2"	1-7/8"
3"	2"
4"	2-1/8"

DETAIL A

□ ADD 1/4" WHEN FURNISHED WITH
NIKALOY (-1)

X	-AE	LEVELEZE® ADJUSTABLE EXTENSION	-23	9" x 3" OVAL FUNNEL
	-81	SHALLOW STAINLESS STEEL SEDIMENT BUCKET	-25	STAINLESS STEEL RECESSED CLOSURE PLUG
	-8	SOLID COVER	-26	MOLDED ABS RECESSED CLOSURE PLUG
	-9	STAINLESS STEEL MESH ON UNDERSIDE OF GRATE	-34	"T" HANDLE FOR RECESSED PLUG
	-21	4" ROUND FUNNEL	-61	FLASHING CLAMP DEVICE
	-22	6" ROUND FUNNEL	-69	SCHEDULE 10 S BUTT WELD CONNECTION

ΔSEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 10/13/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-SS-AE-81 SERIES TYPE 316 CAST STAINLESS STEEL
LEVELEZE® FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, WEEPHOLES,
ADJUSTABLE COLLAR WITH ROLLED THREADS, ROUND TOP, LOOSE-
SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE
SLOTS, SHALLOW SEDIMENT BUCKET, BOTTOM OUTLET, BUTT WELD
CONNECTION FOR SCHEDULE 40 PIPE.

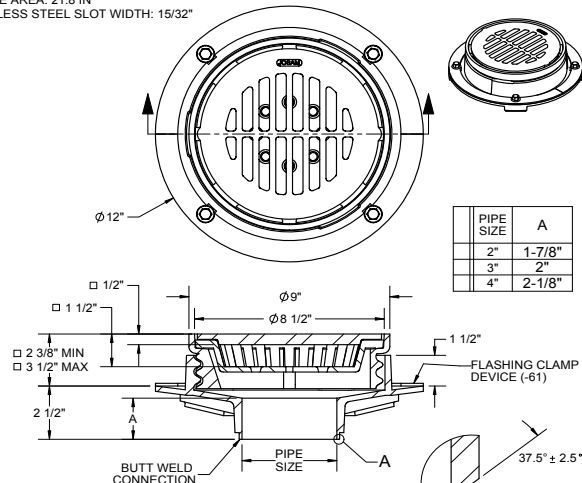
FLOOR DRAIN

**9" ROUND TOP, STAINLESS STEEL
W/ ADJ. EXTENSION AND BUCKET**

SERIES **32100-SS-AE-81**

FORMERLY 54220 SERIES

GRATE FREE AREA: 21.8 IN²
STD. STAINLESS STEEL SLOT WIDTH: 15/32"



PIPE SIZE	A
2"	1-7/8"
3"	2"
4"	2-1/8"

DETAIL A

□ ADD 1/4" WHEN FURNISHED WITH
NIKALOY (-1)

X	-AE	LEVELEZE® ADJUSTABLE EXTENSION	-23	9" x 3" OVAL FUNNEL
	-81	SHALLOW STAINLESS STEEL SEDIMENT BUCKET	-25	STAINLESS STEEL RECESSED CLOSURE PLUG
	-8	SOLID COVER	-26	MOLDED ABS RECESSED CLOSURE PLUG
	-9	STAINLESS STEEL MESH ON UNDERSIDE OF GRATE	-34	"T" HANDLE FOR RECESSED PLUG
	-21	4" ROUND FUNNEL	-61	FLASHING CLAMP DEVICE
	-22	6" ROUND FUNNEL	-69	SCHEDULE 10 S BUTT WELD CONNECTION

DATE OF LAST CHANGE: 10/13/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

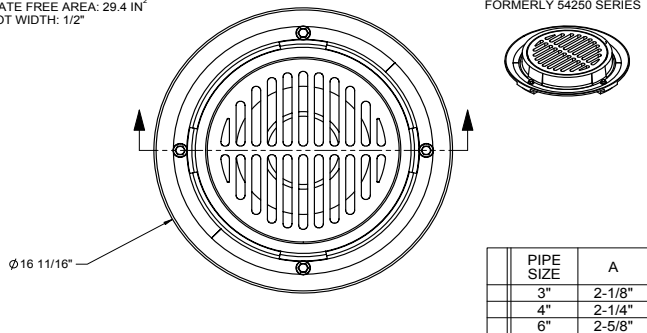
SPECIFICATION:

JOSAM 32200-SS SERIES TYPE 316 CAST STAINLESS STEEL FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, WEEPHOLES, ROUND TOP, LOOSE-SET ANTI-TILTING GRATE, BOTTOM OUTLET, BUTT WELD CONNECTION FOR SCHEDULE 40 PIPE. HEAVY DUTY LOAD RATING.

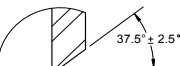
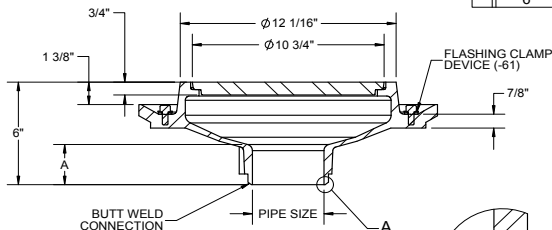
FLOOR DRAIN
12" ROUND TOP,
STAINLESS STEEL

 SERIES **32200-SS**

FORMERLY 54250 SERIES

 GRATE FREE AREA: 29.4 IN²
 SLOT WIDTH: 1/2"


PIPE SIZE	A
3"	2-1/8"
4"	2-1/4"
6"	2-5/8"



DETAIL A

-8	SOLID COVER
-9	STAINLESS STEEL MESH ON UNDERSIDE OF GRATE
-22	6" ROUND FUNNEL
-25	STAINLESS STEEL RECESSED CLOSURE PLUG

-26	MOLDED ABS RECESSED CLOSURE PLUG
-34	"T" HANDLE FOR RECESSED PLUG
-61	FLASHING CLAMP DEVICE
-69	SCHEDULE 10 S BUTT WELD CONNECTION

DATE OF LAST CHANGE: 11/05/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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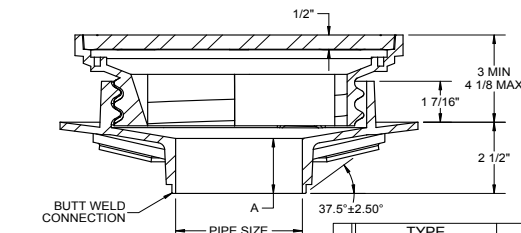
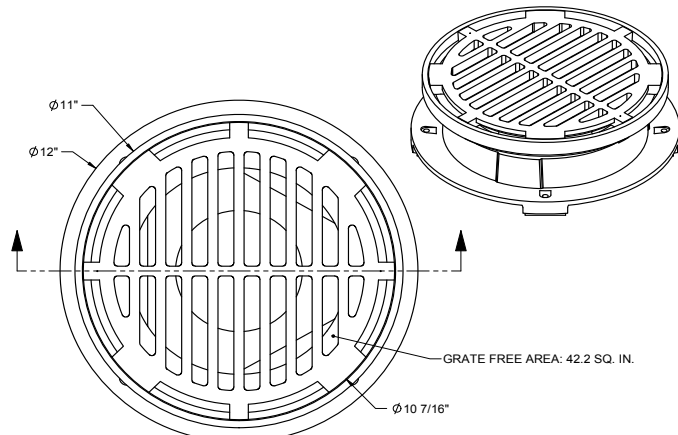
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE-SS TYPE 304 CAST STAINLESS STEEL LEVELZEZE FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, ROUND TOP ADJUSTABLE COLLAR WITH ROLLED THREAD AND LOOSE SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS, BOTTOM OUTLET, BUTT WELD CONNECTION FOR SCHEDULE 40 PIPE.

LEVELZEZE FLOOR DRAIN
STAINLESS STEEL

 SERIES **32200-AE-SS**


TYPE	"A" DIM
32202-AE-SS	1 7/8
32203-AE-SS	2
32204-AE-SS	2 1/8

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

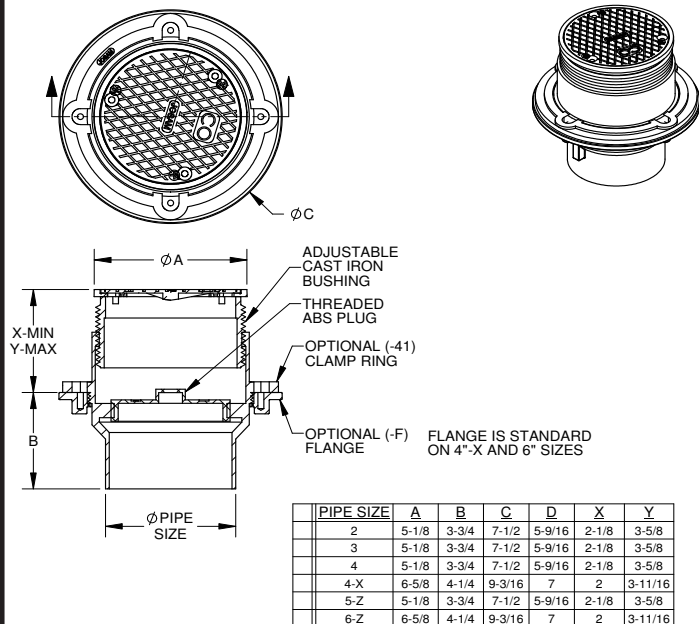
NOTES

SPECIFICATION:

JOSAM 55000-SS SERIES COATED CAST IRON KLEENATRON II LEVELZE FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED ROUND STAINLESS STEEL COVER.

CLEANOUT ROUND STAINLESS STEEL TOP

SERIES **55000-SS**



X	-SS	STAINLESS STEEL TOP	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	-X	INSIDE CAULK OUTLET
	-31	GALVANIZED CAST IRON PARTS	-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
	-41	CLAMP RING AND FLANGE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 6/19/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

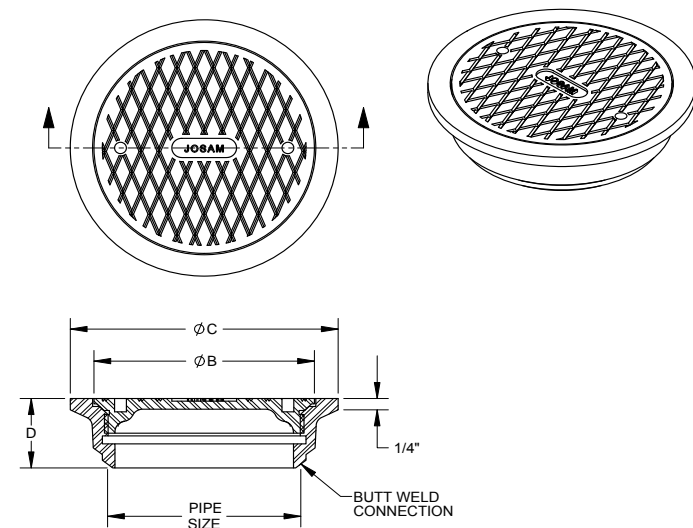
NOTES

SPECIFICATION:

JOSAM 56670-SS SERIES TYPE 316 CAST STAINLESS STEEL ROUND FLUSH CLEANOUT WITH FLANGED RING AND SCORIATED SPANNER TYPE FLANGED SCREW PLUG AND BOTTOM OUTLET WITH BUTT WELD CONNECTION FOR SCHEDULE 40 PIPE.

STAINLESS STEEL FLOOR CLEANOUT SPANNER TYPE

SERIES **56670-SS**



PIPE SIZE	B	C	D
2"	2-7/8	3-3/4	1-1/2
3"	4	4-7/8	1-1/2
4"	5	6	1-5/8
6"	7-1/4	8-3/8	1-5/8

OPTIONS:

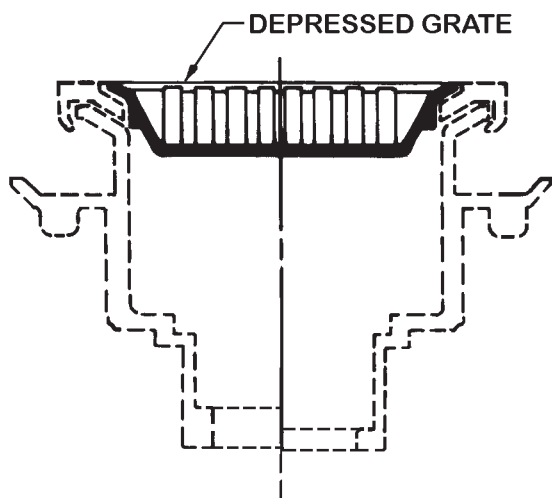
-45	SPANNER WRENCH
-69	SCHED 10S BUTT WELD CONNECTION

DATE OF LAST CHANGE: 04/27/10

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

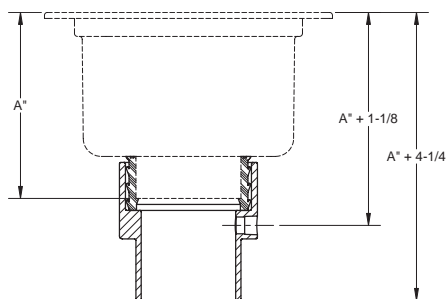
NOTES



(-8) OPTION, DEPRESSED GRATE

serves as a shallow sediment bucket to intercept solids in areas where limited space between floor sink and equipment prevents the use of a standard removable bucket.

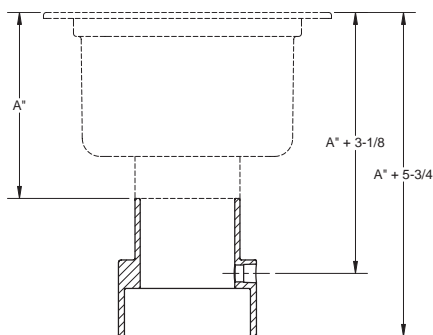
-X or -Y Outlet



DIMENSION A = HEIGHT OF DRAIN BODY

Caulk or Push-On type
Floor Sink shown installed
with Trap Primer Adapter.

-Z Outlet

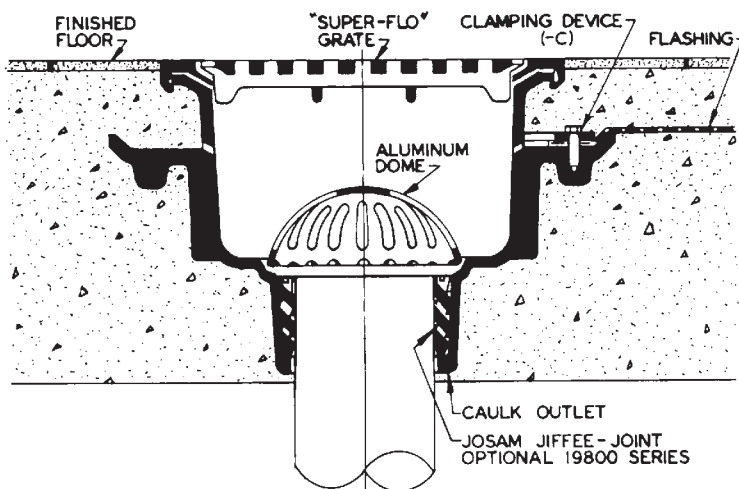


DIMENSION A = HEIGHT OF DRAIN BODY

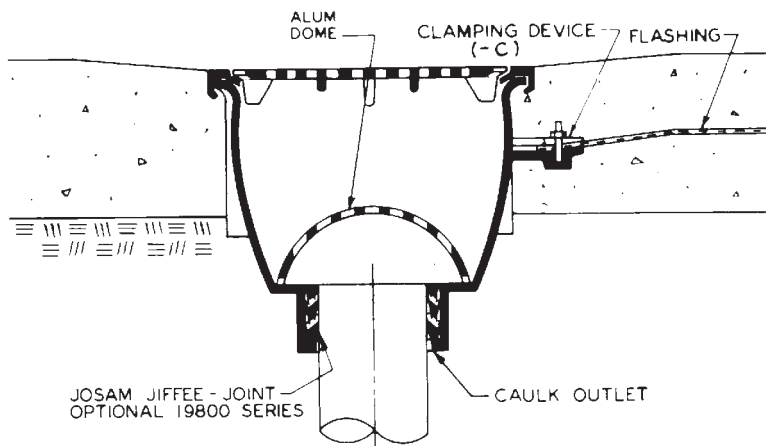
No-Hub Floor Sink shown
installed with inverted Trap
Primer Adapter.

(-55) OPTION, TRAP PRIMER ADAPTER

Used to convert any standard drain to a trap primer drain. Install shallow trap primer adapter on all outlet types: -X Caulk, -Y Push-On or -Z No-Hub. (See 88450 for details.)



49320A-NB Series SUPER-FLO-SEPTOR® Floor Sink shown installed in a heavy-duty structural concrete finish floor.



49580A-NB Series SUPER-FLO-SEPTOR® Floor Sink shown installed in a poured concrete floor on the ground level.

SPECIFICATION:

JOSAM 49300 SERIES SQUARE CAST IRON 5-7/8" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING, ANTI-TILTING, SUPER-FLO® GRATE.

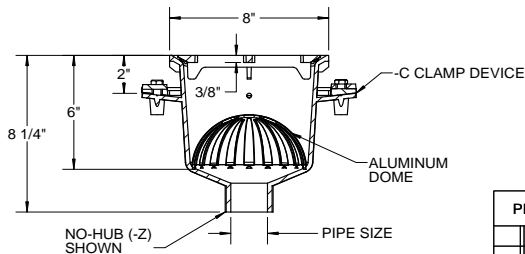
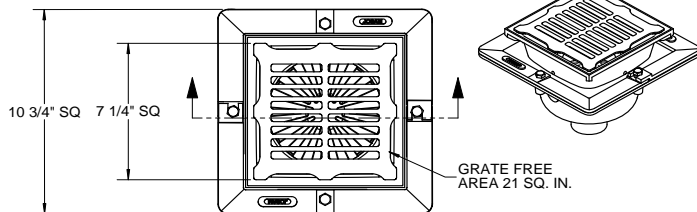
SANITARY FLOOR SINK

8" SQUARE TOP, 6" DEEP

SERIES

49300

SLOT WIDTH 7/16"



PIPE SIZE	
	2"
	3"
	4"

Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 04/29/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49300-LF SERIES SQUARE CAST IRON 6" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON NON-TRAFFIC, ACID-RESISTING, ANTI-TILTING,
SUPER-FLO® GRATE.

SANITARY FLOOR SINK

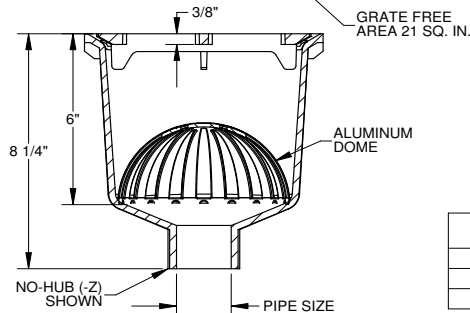
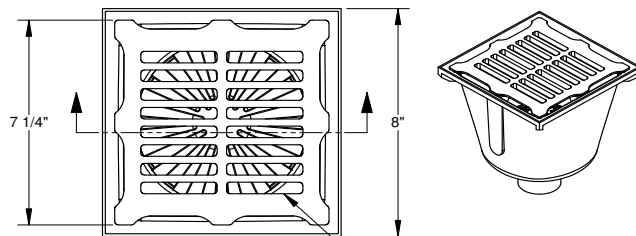
8" SQUARE TOP, 6" DEEP

SERIES

49300-LF

FORMERLY 49310 SERIES

SLOT WIDTH 7/16"



PIPE SIZE	
	2"
	3"
	4"

Δ	X	-LF	LESS FLANGE
		-NB	NICKEL BRONZE TRAFFIC TOP
		-LG	LESS GRATE
		-3	HALF (1/2) GRATE
		-4	THREE-QUARTER (3/4) GRATE
		-7	FULL GRATE WITH 2-1/2" CENTER OPENING
		-8	STAINLESS STEEL DEPRESSED GRATE
		-16	GRATE WITH 4" ROUND FUNNEL
		-17	GRATE WITH 6" ROUND FUNNEL
		-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49300-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY, ANTI-TILTING, SUPER-FLO® GRATE.

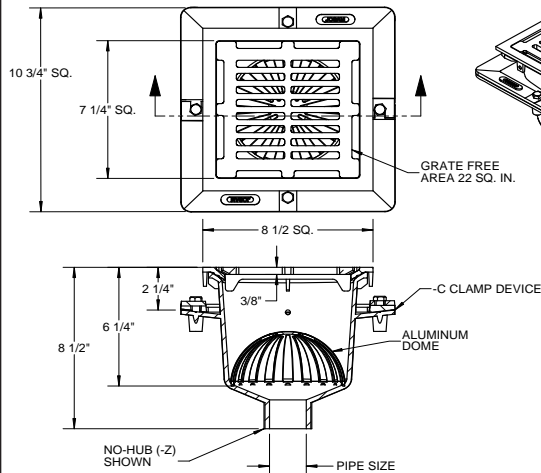
SANITARY FLOOR SINK

8" SQUARE TOP, 6" DEEP

SERIES **49300-NB**

FORMERLY 49000 SERIES

SLOT WIDTH 1/2"



PIPE SIZE	
	2"
	3"
	4"

Δ	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-20	SOLID NIKALOY COVER
	-24	CHAINED GRATE
	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49300-LF-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY, ANTI-TILTING, SUPER-FLO® GRATE.

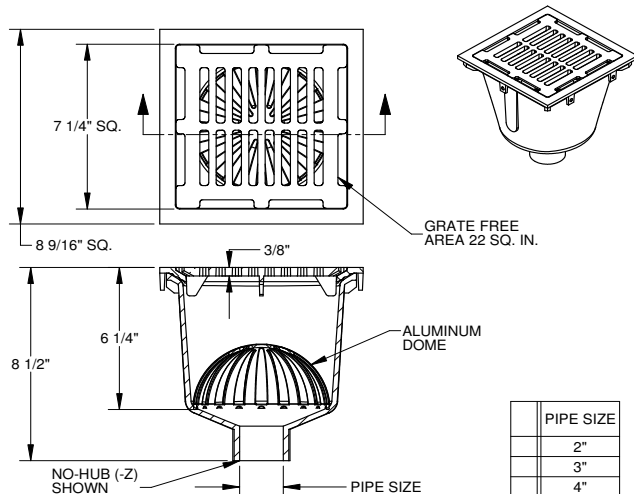
SANITARY FLOOR SINK

8" SQUARE TOP, 6" DEEP

SERIES **49300-LF-NB**

FORMERLY 49010 SERIES

SLOT WIDTH 1/2"



PIPE SIZE	
	2"
	3"
	4"

X	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL

	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-20	SOLID NIKALOY COVER
	-24	CHAINED GRATE
	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 5/2/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

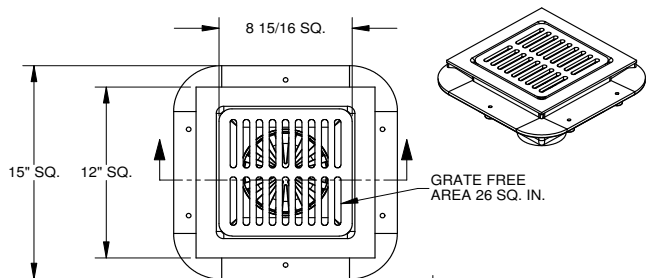
JOSAM 49320A SERIES SQUARE CAST IRON 5-7/8" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING, ANTI-TILTING GRATE.

SANITARY FLOOR SINK

12" SQUARE TOP, 6" DEEP

SERIES **49320A**

SLOT WIDTH 3/8"



X (2" - 3") = 2-1/2"
 X (4" - 6") = 2-3/4"
 Y (2" - 4") = 2"
 Z (2" - 4") = 2-1/16"

PIPE SIZE
2"
3"
4"
6"

Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-9	STAINLESS STEEL DEPRESSED GRATE
	-15	STAINLESS STEEL RIM & GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL

	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER TAP (6") ADAPTER, 88450 PROVIDED (2"-4")
	-C	CLAMP DEVICE
	-Y	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET (2"-4")
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

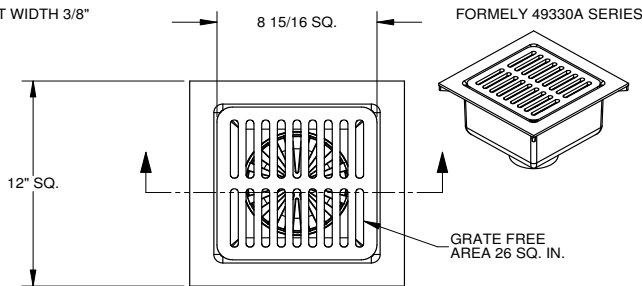
JOSAM 49320A-LF SERIES SQUARE CAST IRON 5-7/8" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING, ANTI-TILTING GRATE.

SANITARY FLOOR SINK

12" SQUARE TOP, 6" DEEP

SERIES **49320A-LF**

SLOT WIDTH 3/8"



X (2" - 3") = 2-1/2"
 X (4") = 2-3/4"
 Y (2" - 4") = 2"
 Z (2" - 4") = 2-1/16"

PIPE SIZE
2"
3"
4"
6"

Δ	XI	LESS FLANGE
	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-15	STAINLESS STEEL RIM & GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL

	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-52	PAINT INSIDE AND OUTSIDE
	-55	1/2" PRIMER TAP (6") ADAPTER, 88450 PROVIDED (2"-4")
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET (2"-4")
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49320A-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO®, ANTI-TILTING GRATE.

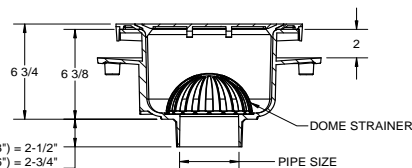
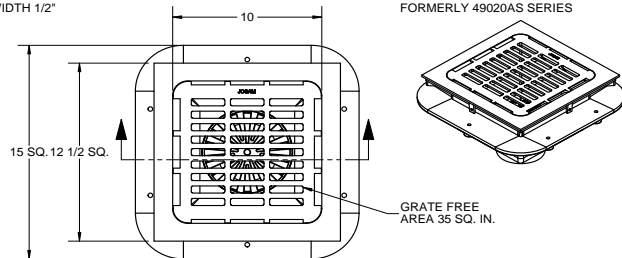
SANITARY FLOOR SINK

12" SQUARE TOP, 6" DEEP

SERIES **49320A-NB**

FORMERLY 49020AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4" - 6") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"
	6"

A	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL, DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL

	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-20 SOLID NIKALOY COVER
	-24 CHAINED GRATE
	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER TAP (6") ADAPTER, 88450 PROVIDED (2"-4")
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET (2"-4")
	-Z NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49320A-LF-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO®, ANTI-TILTING GRATE.

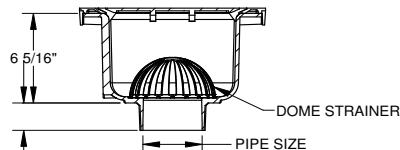
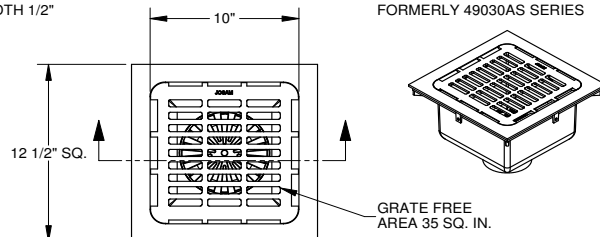
SANITARY FLOOR SINK

12" SQUARE TOP, 6" DEEP

SERIES **49320A-LF-NB**

FORMERLY 49030AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"
	6"

X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL, DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-20 SOLID NIKALOY COVER
	-24 CHAINED GRATE
	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER TAP (6") ADAPTER, 88450 PROVIDED (2"-4")
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET (2"-4")
	-Z NO-HUB OUTLET

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 4/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

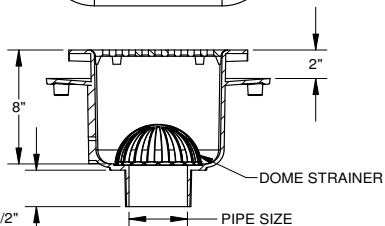
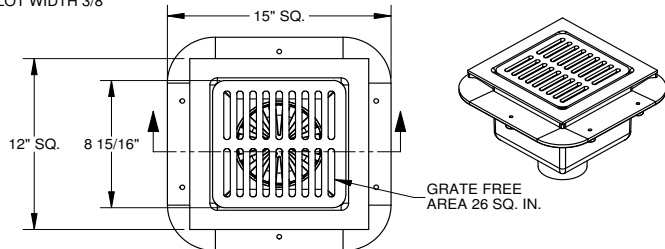
JOSAM 49340A SERIES SQUARE CAST IRON 8" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING, ANTI-TILTING GRATE.

SANITARY FLOOR SINK

12" SQUARE TOP, 8" DEEP

SERIES **49340A**

SLOT WIDTH 3/8"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"

Δ	-1F	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-15	STAINLESS STEEL RIM & GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49340A-LF SERIES SQUARE CAST IRON 8" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON NON-TRAFFIC, ACID RESISTING, ANTI-TILTING GRATE.

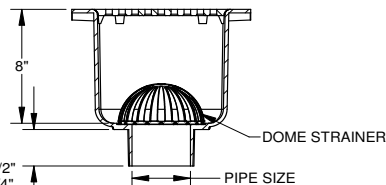
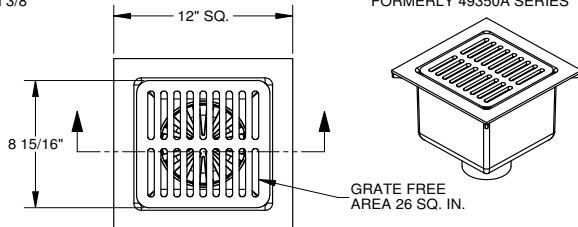
SANITARY FLOOR SINK

12" SQUARE TOP, 8" DEEP

SERIES **49340A-LF**

FORMERLY 49350A SERIES

SLOT WIDTH 3/8"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"

Δ	X	-1F	LESS FLANGE
		-NB	NICKEL BRONZE TRAFFIC TOP
		-LG	LESS GRATE
		-3	HALF (1/2) GRATE
		-4	THREE-QUARTER (3/4) GRATE
		-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
		-7	FULL GRATE WITH 2-1/2" CENTER OPENING
		-8	STAINLESS STEEL DEPRESSED GRATE
		-15	STAINLESS STEEL RIM & GRATE
		-16	GRATE WITH 4" ROUND FUNNEL
		-17	GRATE WITH 6" ROUND FUNNEL

	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49340A-NB SERIES SQUARE CAST IRON 8-3/8" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO®, ANTI-TILTING GRATE.

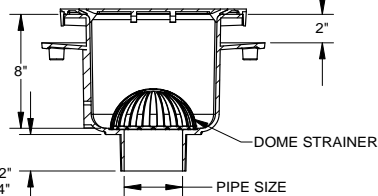
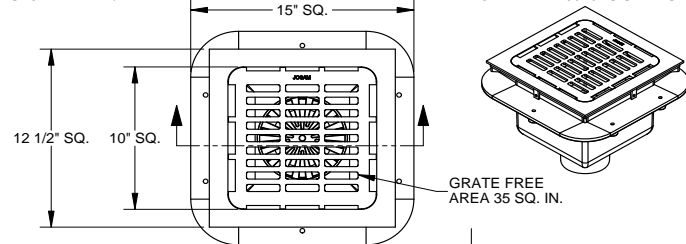
SANITARY FLOOR SINK

12" SQUARE TOP, 8" DEEP

SERIES **49340A-NB**

FORMERLY 49040AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"

Δ	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-14 HINGED GRATE
	-20 SOLID NIKALOY COVER
	-24 CHAINED GRATE
	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET
	-Z NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 6/27/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49340A-LF-NB SERIES SQUARE CAST IRON 8-3/8" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO®, ANTI-TILTING GRATE.

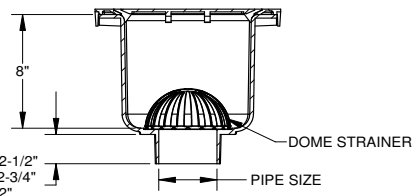
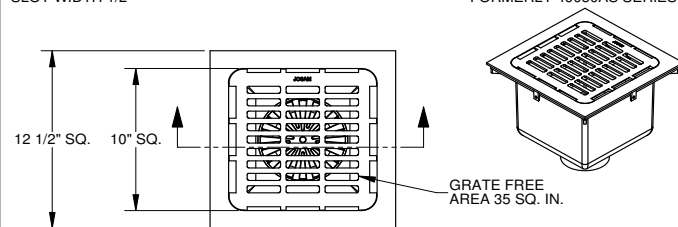
SANITARY FLOOR SINK

12" SQUARE TOP, 8" DEEP

SERIES **49340A-LF-NB**

FORMERLY 49050AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"

PIPE SIZE	
	2"
	3"
	4"

X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIKALOY EXTRA HEAVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL

	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-20 SOLID NIKALOY COVER
	-24 CHAINED GRATE
	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET
	-Z NO-HUB OUTLET

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 4/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

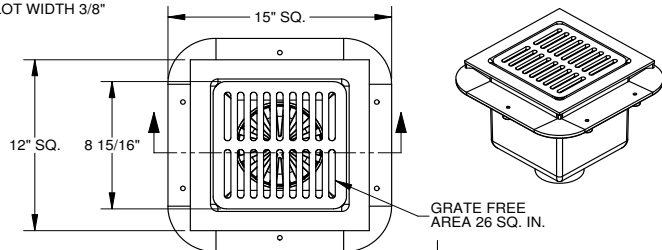
JOSAM 49360A SERIES SQUARE CAST IRON 10" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING, ANTI-TILTING GRATE.

SANITARY FLOOR SINK

12" SQUARE TOP, 10" DEEP

SERIES **49360A**

SLOT WIDTH 3/8"



PIPE SIZE	
	2"
	3"
	4"

X (2" - 3") = 2-1/2"
 X (4") = 2-3/4"
 Y (2" - 4") = 2"
 Z (2" - 4") = 2-1/16"

Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSION GRATE
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-32 SHALLOW SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -32 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49360A SERIES SQUARE CAST IRON 10" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING, ANTI-TILTING GRATE.

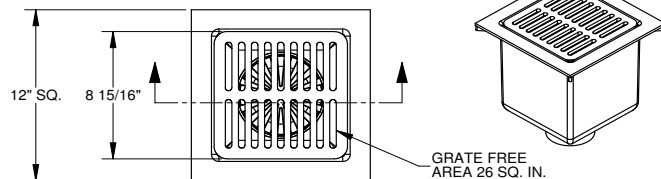
SANITARY FLOOR SINK

12" SQUARE TOP, 10" DEEP

SERIES **49360A-LF**

FORMERLY 49370A SERIES

SLOT WIDTH 3/8"



PIPE SIZE	
	2"
	3"
	4"

X (2" - 3") = 2-1/2"
 X (4") = 2-3/4"
 Y (2" - 4") = 2"
 Z (2" - 4") = 2-1/16"

X	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-5 NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSION GRATE
	-15 STAINLESS STEEL RIM & GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-32 SHALLOW SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X INSIDE CAULK OUTLET
	-Y HUB OUTLET WITH GASKET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -32 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49360A-NB SERIES SQUARE CAST IRON 10-1/4" DEEP SUPER-FLO® SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER FLO® ANTI-TILTING GRATE.

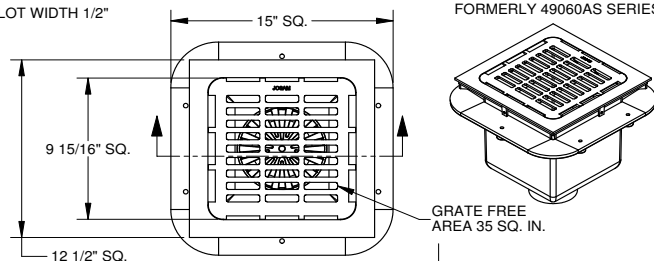
SANITARY FLOOR SINK

12" SQUARE TOP, 10" DEEP

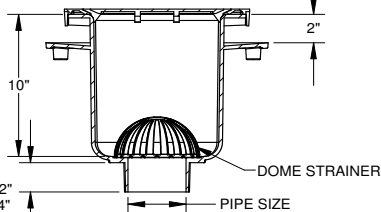
SERIES **49360A-NB**

FORMERLY 49060AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"



PIPE SIZE	
	2"
	3"
	4"

A	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
-LG	LESS GRATE
-3	HALF (1/2) GRATE
-4	THREE-QUARTER (3/4) GRATE
-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
-7	FULL GRATE WITH 2-1/2" CENTER OPENING
-8	STAINLESS STEEL DEPRESSED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-15	STAINLESS STEEL RIM & GRATE
-16	GRATE WITH 4" ROUND FUNNEL
-17	GRATE WITH 6" ROUND FUNNEL
-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

-20	SOLID NIKALOY COVER
-24	CHAINED GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-32	SHALLOW SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
-35	BUCKET LINER (STAINLESS STEEL MESH)
-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
-45	LESS INTERNAL DOME STRAINER
-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
-C	CLAMP DEVICE
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO HUB OUTLET

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -32 OR -33 OPTION

DATE OF LAST CHANGE: 4/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49360A-LF-NB SERIES SQUARE CAST IRON 10-1/4" DEEP SUPER-FLO® SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER FLO® ANTI-TILTING GRATE.

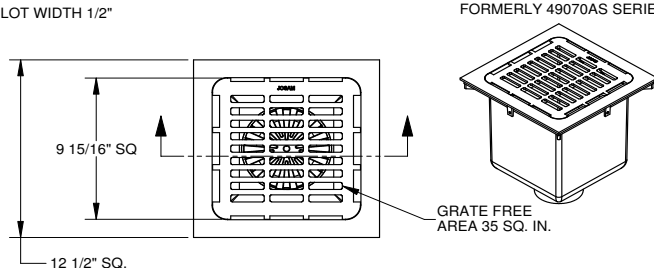
SANITARY FLOOR SINK

12" SQUARE TOP, 10" DEEP

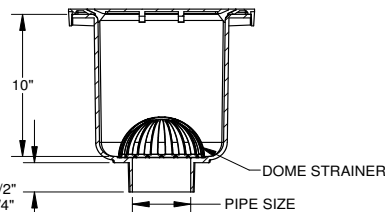
SERIES **49360A-LF-NB**

FORMERLY 49070AS SERIES

SLOT WIDTH 1/2"



X (2" - 3") = 2-1/2"
X (4") = 2-3/4"
Y (2" - 4") = 2"
Z (2" - 4") = 2-1/16"



PIPE SIZE	
	2"
	3"
	4"

X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
-LG	LESS GRATE
-3	HALF (1/2) GRATE
-4	THREE-QUARTER (3/4) GRATE
-5	NIK. EXTRA HVY-DUTY GRATE & RIM (NOT SUPER-FLO)
-7	FULL GRATE WITH 2-1/2" CENTER OPENING
-8	STAINLESS STEEL DEPRESSED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-15	STAINLESS STEEL RIM & GRATE
-16	GRATE WITH 4" ROUND FUNNEL
-17	GRATE WITH 6" ROUND FUNNEL
-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

-20	SOLID NIKALOY COVER
-24	CHAINED GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-32	SHALLOW SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
-35	BUCKET LINER (STAINLESS STEEL MESH)
-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
-45	LESS INTERNAL DOME STRAINER
-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO HUB OUTLET

*MUST ALSO SPECIFY -31, -32 OR -33 OPTION

DATE OF LAST CHANGE: 4/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

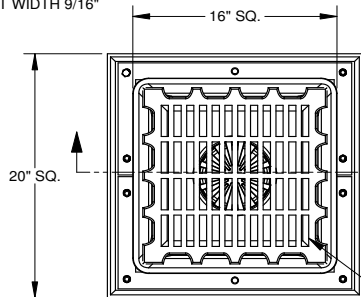
JOSAM 49400 SERIES SQUARE CAST IRON 6" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING SUPER FLO® ANTI-TILTING GRATE.

SANITARY FLOOR SINK

16" SQUARE TOP, 6" DEEP

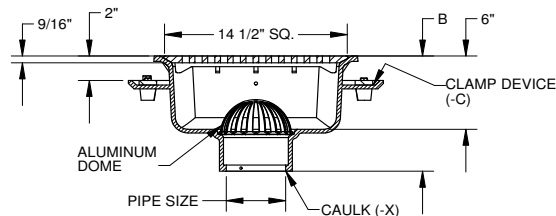
SERIES **49400**

SLOT WIDTH 9/16"



PIPE SIZE	B
3"	9-1/2"
4"	9-1/2"
6"	9-7/8"

NOTE: 49403 USES 49404 BODY
WITH 4x3 REDDUCER



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-C CLAMP DEVICE

FOR PAINTED OR GALVANIZED, SEE 37960 SERIES

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 8/11/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49400-LF SERIES SQUARE CAST IRON 6" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON NON-TRAFFIC, ACID-RESISTING, ANTI-TILTING,
SUPER-FLO® GRATE.

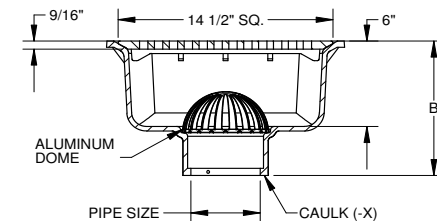
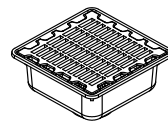
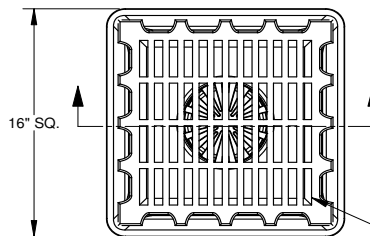
SANITARY FLOOR SINK

16" SQUARE TOP, 6" DEEP

SERIES **49400-LF**

FORMERLY 49410 SERIES

SLOT WIDTH 9/16"



PIPE SIZE	B
3"	9-1/2"
4"	9-1/2"
6"	9-7/8"

NOTE: 49403 USES 49404 BODY
WITH 4x3 REDUCER

Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-55 1/2" PRIMER ADAPTER (6"), ADAPTER 88450 PROVIDED (3"-4")

FOR PAINTED OR GALVANIZED, SEE 37960 SERIES

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 8/11/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:
JOSAM 49400-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY, ANTI-TILTING, SUPER-FLO® GRATE.

SANITARY FLOOR SINK
16" SQUARE TOP, 6" DEEP

SERIES **49400-NB**
FORMERLY 49100 SERIES

SLOT WIDTH 1/2"

GRATE FREE AREA 93 SQ. IN.

PIPE SIZE	B
3"	9-3/4"
4"	9-3/4"
6"	10-1/8"

NOTE: 49403 USES 49404 BODY WITH 4x3 REDUCER

Δ -LF LESS FLANGE	-31 SEDIMENT BUCKET, ALUMINUM
X -NB NICKEL BRONZE TRAFFIC TOP	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
-LG LESS GRATE	-35 BUCKET LINER (STAINLESS STEEL MESH)
-3 HALF (1/2) GRATE	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
-4 THREE-QUARTER (3/4) GRATE	-45 LESS INTERNAL DOME STRAINER
-7 FULL GRATE WITH 2-1/2" CENTER OPENING	-55 1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
-VP SECURED GRATE, VANDAL-PROOF SCREWS	-C CLAMP DEVICE
-16 GRATE WITH 4" ROUND FUNNEL	
-17 GRATE WITH 6" ROUND FUNNEL	
-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL	

FOR PAINTED OR GALVANIZED, SEE 37960 SERIES

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE *MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 8/11/14
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:
JOSAM 49400-LF-NB SERIES SQUARE CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY, ANTI-TILTING, SUPER-FLO® GRATE.

SANITARY FLOOR SINK
16" SQUARE TOP, 6" DEEP

SERIES **49400-LF-NB**
FORMERLY 49110 SERIES

SLOT WIDTH 1/2"

GRATE FREE AREA 93 SQ. IN.

PIPE SIZE	B
3"	9-3/4"
4"	9-3/4"
6"	10-1/8"

NOTE: 49403 USES 49404 BODY WITH 4x3 REDUCER

X Δ -LF LESS FLANGE	-31 SEDIMENT BUCKET, ALUMINUM
X -NB NICKEL BRONZE TRAFFIC TOP	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
-LG LESS GRATE	-35 BUCKET LINER (STAINLESS STEEL MESH)
-3 HALF (1/2) GRATE	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
-4 THREE-QUARTER (3/4) GRATE	-45 LESS INTERNAL DOME STRAINER
-7 FULL GRATE WITH 2-1/2" CENTER OPENING	-55 1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
-VP SECURED GRATE, VANDAL-PROOF SCREWS	
-16 GRATE WITH 4" ROUND FUNNEL	
-17 GRATE WITH 6" ROUND FUNNEL	
-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL	

FOR PAINTED OR GALVANIZED, SEE 37960 SERIES

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE *MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 8/11/14
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49420 SERIES SQUARE CAST IRON 12" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING SUPER FLO® ANTI-TILTING GRATE.

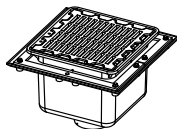
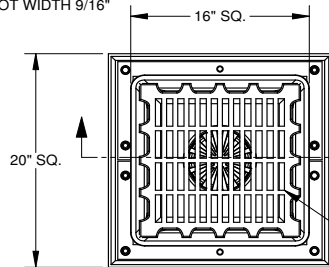
SANITARY FLOOR SINK

16" SQUARE TOP, 12" DEEP

SERIES

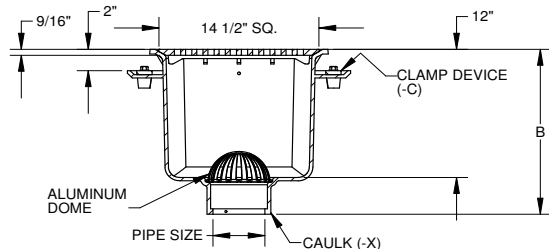
49420

SLOT WIDTH 9/16"



PIPE SIZE	B
3"	15-1/2"
4"	15-1/2"
6"	15-7/8"

NOTE: 49403 USES 49404 BODY WITH 4x3 REDUCER



Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-C	CLAMP DEVICE

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 8/11/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49420-LF SERIES SQUARE CAST IRON 12" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC, ACID RESISTING SUPER FLO® ANTI-TILTING GRATE.

SANITARY FLOOR SINK

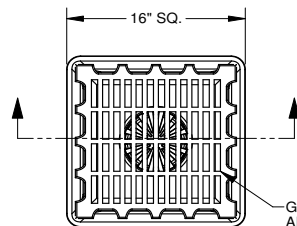
16" SQUARE TOP, 12" DEEP

SERIES

49420-LF

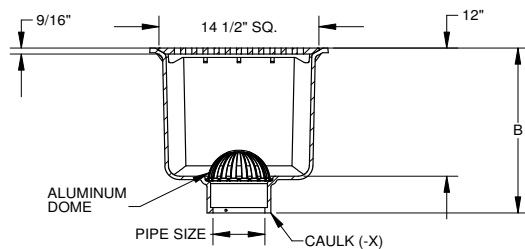
FORMERLY 49430 SERIES

SLOT WIDTH 9/16"



PIPE SIZE	B
3"	15-1/2"
4"	15-1/2"
6"	15-7/8"

NOTE: 49403 USES 49404 BODY WITH 4x3 REDUCER



Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 8/11/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49420-NB SERIES SQUARE CAST IRON 12-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER FLO® ANTI-TILTING GRATE.

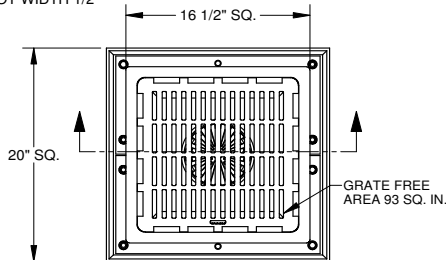
SANITARY FLOOR SINK

16" SQUARE TOP, 12" DEEP

SERIES **49420-NB**

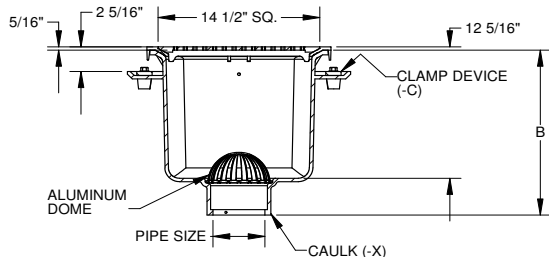
FORMERLY 49120 SERIES

SLOT WIDTH 1/2"



PIPE SIZE	B
3"	15-3/4"
4"	15-3/4"
6"	16-1/4"

NOTE: 49403 USES 49404 BODY WITH 4x3 REDUCER



Δ	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-C	CLAMP DEVICE

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 8/11/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49420-LF-NB SERIES SQUARE CAST IRON 12-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER FLO® ANTI-TILTING GRATE.

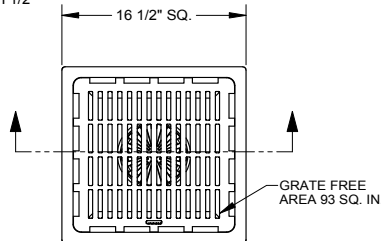
SANITARY FLOOR SINK

16" SQUARE TOP, 12" DEEP

SERIES **49420-LF-NB**

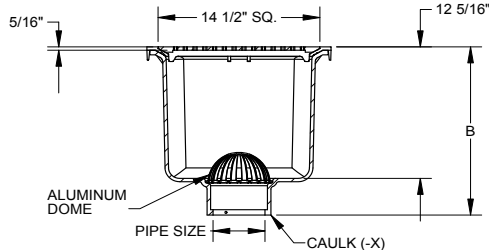
FORMERLY 49130 SERIES

SLOT WIDTH 1/2"



PIPE SIZE	B
3"	15-3/4"
4"	15-3/4"
6"	16-1/4"

NOTE: 49423 USES 49424 BODY WITH 4x3 REDUCER



X	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 8/29/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

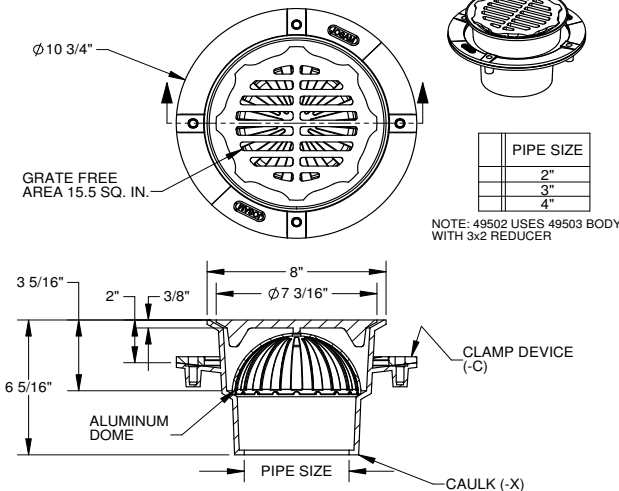
JOSAM 49500 SERIES ROUND CAST IRON 3-5/16" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING SUPER FLO® ANTI-TILTING GRATE.

SANITARY FLOOR SINK

8" ROUND TOP, 3" DEEP

SERIES **49500**

SLOT WIDTH 7/16"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49500-LF SERIES ROUND CAST IRON 3-5/16" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON NON-TRAFFIC, ACID RESISTING SUPER FLO®
ANTI-TILTING GRATE.

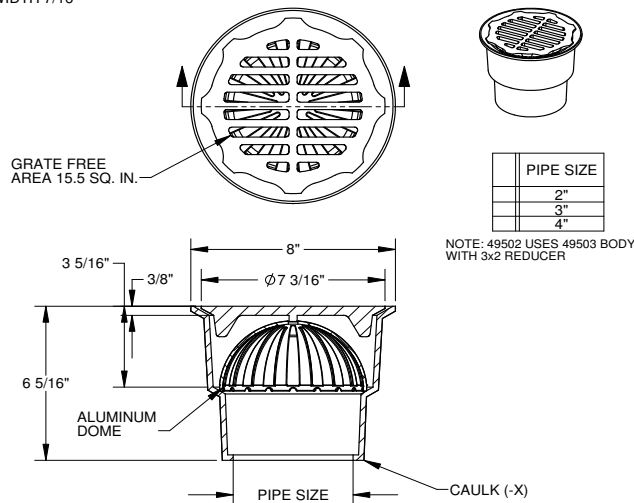
SANITARY FLOOR SINK

8" ROUND TOP, 3" DEEP

SERIES **49500-LF**

FORMERLY 49510 SERIES

SLOT WIDTH 7/16"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49500-NB SERIES ROUND CAST IRON 3-9/16" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHTY-DUTY SUPER FLO® ANTI-TILTING GRATE.

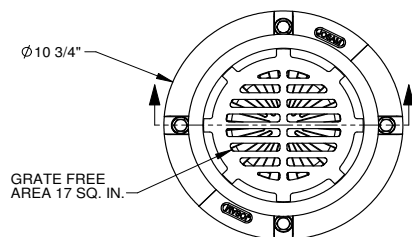
SANITARY FLOOR SINK

8" ROUND TOP, 3" DEEP

SERIES **49500-NB**

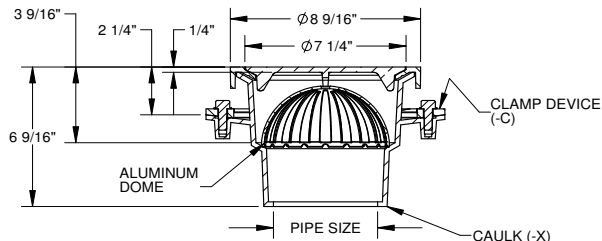
SLOT WIDTH 3/8"

FORMERLY 49200 SERIES



PIPE SIZE	
	2"
	3"
	4"

NOTE: 49502 USES 49503 BODY WITH 3x2 REDUCER



Δ	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/13/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49500-LF-NB SERIES ROUND CAST IRON 3-9/16" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHTY-DUTY SUPER FLO® ANTI-TILTING GRATE.

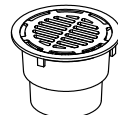
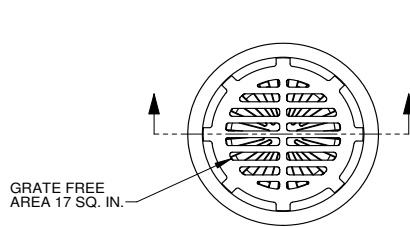
SANITARY FLOOR SINK

8" ROUND TOP, 3" DEEP

SERIES **49500-LF-NB**

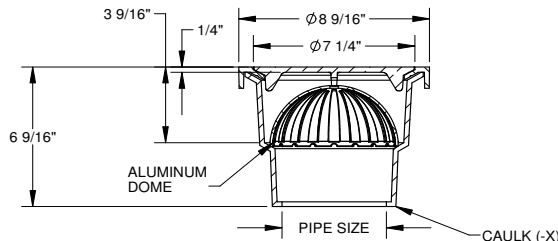
SLOT WIDTH 3/8"

FORMERLY 49210 SERIES



PIPE SIZE	
	2"
	3"
	4"

NOTE: 49502 USES 49503 BODY WITH 3x2 REDUCER



X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER ADAPTER, 88450 PROVIDED

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/13/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

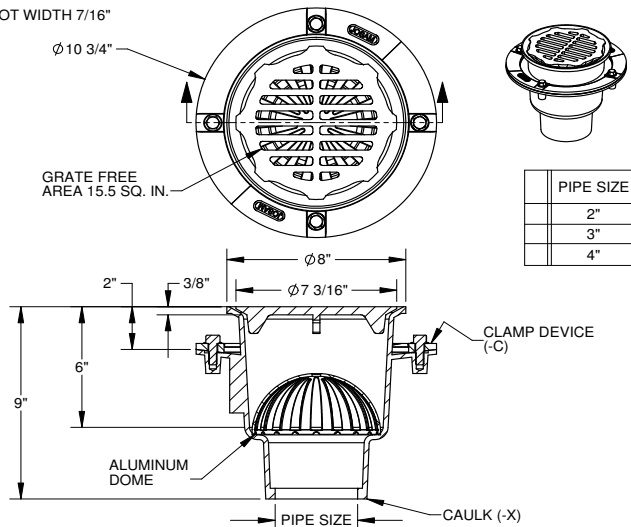
JOSAM 49520A SERIES ROUND CAST IRON 6" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING SUPER-FLO® ANTI-TILTING GRATE.

SANITARY FLOOR SINK

8" ROUND TOP, 6" DEEP

SERIES **49520A**

SLOT WIDTH 7/16"



Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET
	-Z	NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 2/27/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49520A-LF SERIES ROUND CAST IRON 6" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON, NON-TRAFFIC, ACID-RESISTING, ANTI-TILTING
SUPER-FLO® GRATE.

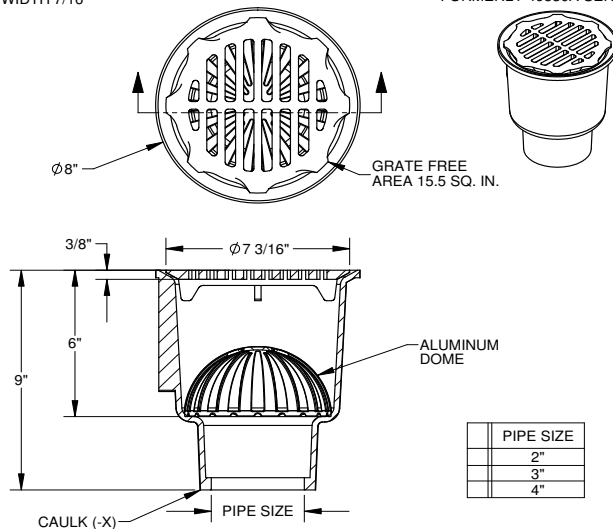
SANITARY FLOOR SINK

8" ROUND TOP, 6" DEEP

SERIES **49520A-LF**

FORMERLY 49530A SERIES

SLOT WIDTH 7/16"



Δ	-LF	LESS FLANGE
	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-17	GRATE WITH 6" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31	SEDIMENT BUCKET, ALUMINUM
	-33	SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35	BUCKET LINER (STAINLESS STEEL MESH)
	-43	INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL DOME STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49520A-NB SERIES ROUND CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO® ANTI-TILTING GRATE.

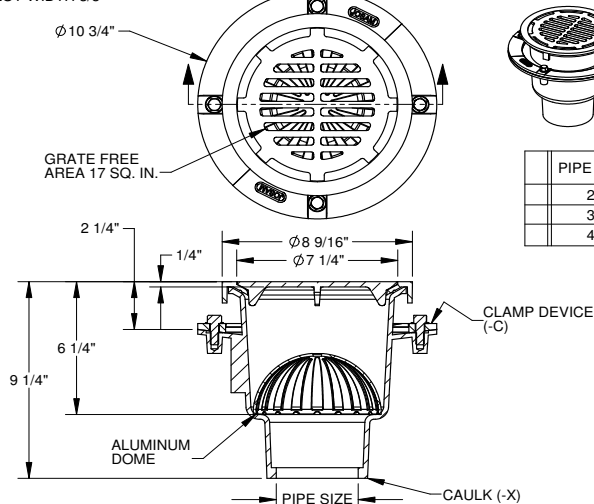
SANITARY FLOOR SINK

8" ROUND TOP, 6" DEEP

SERIES **49520A-NB**

FORMERLY 49220A SERIES

SLOT WIDTH 3/8"



PIPE SIZE
2"
3"
4"

Δ	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-24 CHAINED GRATE

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49520A-LF-NB SERIES ROUND CAST IRON 6-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO® ANTI-TILTING GRATE.

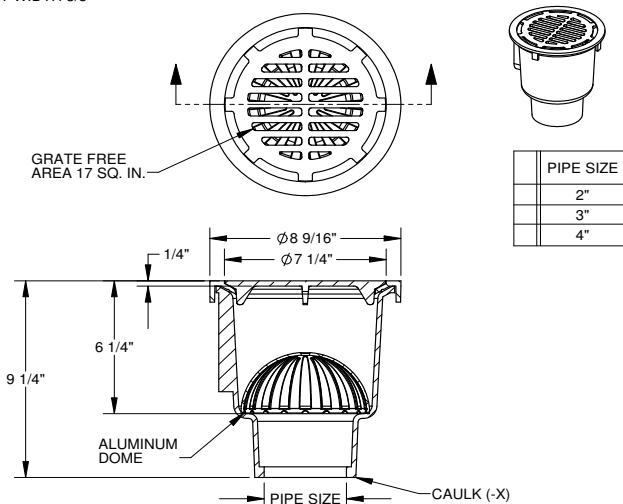
SANITARY FLOOR SINK

8" ROUND TOP, 6" DEEP

SERIES **49520A-LF-NB**

FORMERLY 49230A SERIES

SLOT WIDTH 3/8"



PIPE SIZE
2"
3"
4"

X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-24 CHAINED GRATE

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

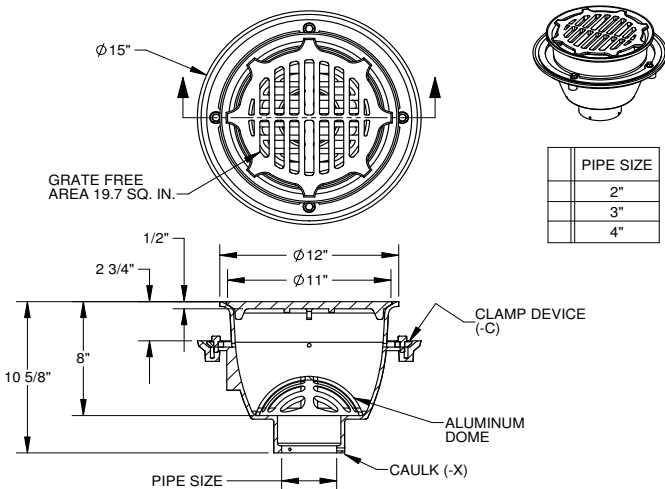
JOSAM 49580A SERIES ROUND CAST IRON 8" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL DOME STRAINER AND CAST IRON NON-TRAFFIC,
ACID RESISTING SUPER-FLO® ANTI-TILTING GRATE.

SANITARY FLOOR SINK

12" ROUND TOP, 8" DEEP

SERIES **49580A**

SLOT WIDTH 3/4"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49580A-LF SERIES ROUND CAST IRON 8" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER AND
CAST IRON, NON-TRAFFIC, ACID-RESISTING, ANTI-TILTING
SUPER-FLO® GRATE.

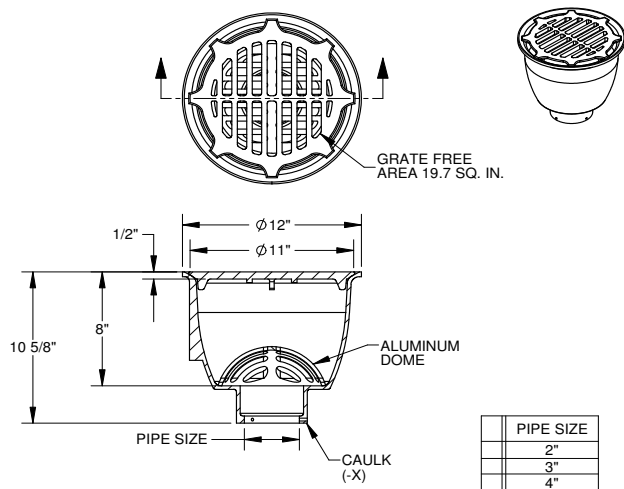
SANITARY FLOOR SINK

12" ROUND TOP, 8" DEEP

SERIES **49580A-LF**

FORMERLY 49590A SERIES

SLOT WIDTH 3/4"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-X INSIDE CAULK OUTLET
	-Z NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31 OR -33 OPTION

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49580A-NB SERIES ROUND CAST IRON 8-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO® ANTI-TILTING GRATE.

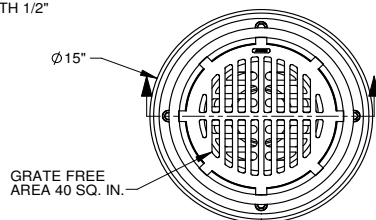
SANITARY FLOOR SINK

12" ROUND TOP, 8" DEEP

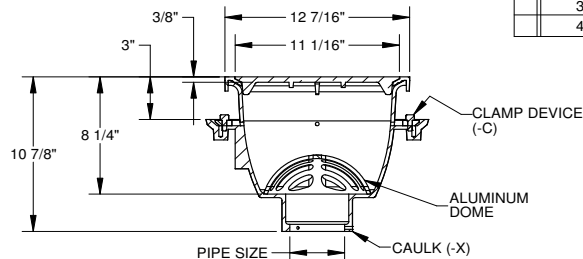
SERIES **49580A-NB**

FORMERLY 49280A SERIES

SLOT WIDTH 1/2"



PIPE SIZE	
	2"
	3"
	4"



Δ	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-24 CHAINED GRATE

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/15/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49580A-LF-NB SERIES ROUND CAST IRON 8-1/4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL DOME STRAINER, NIKALOY SANITARY SLOPED RIM AND NIKALOY LIGHT-DUTY SUPER-FLO® ANTI-TILTING GRATE.

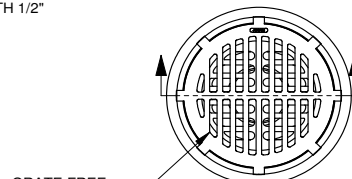
SANITARY FLOOR SINK

12" ROUND TOP, 8" DEEP

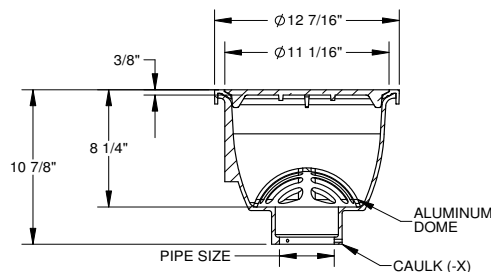
SERIES **49580A-LF-NB**

FORMERLY 49290A SERIES

SLOT WIDTH 1/2"



PIPE SIZE	
	2"
	3"
	4"



X	-LF LESS FLANGE
X	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 ALUMINUM DEPRESSED GRATE
	-VP SECURED GRATE, VANDAL-PROOF SCREWS
	-16 GRATE WITH 4" ROUND FUNNEL
	-17 GRATE WITH 6" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL
	-24 CHAINED GRATE

	-31 SEDIMENT BUCKET, ALUMINUM
	-33 SEDIMENT BUCKET, ACID RESISTANT FINISH
	-35 BUCKET LINER (STAINLESS STEEL MESH)
	-43 INTERNAL DOME STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL DOME STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP
	-X INSIDE CAULK OUTLET
	-Z NO HUB OUTLET

*MUST ALSO SPECIFY -31, -33 OPTION

DATE OF LAST CHANGE: 5/15/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

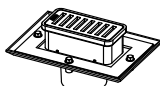
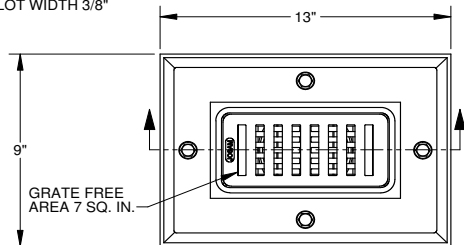
JOSAM 49700 SERIES RECTANGULAR CAST IRON 3-1/2" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, CAST IRON NON-TRAFFIC ACID RESISTING GRATE.

SANITARY FLOOR SINK

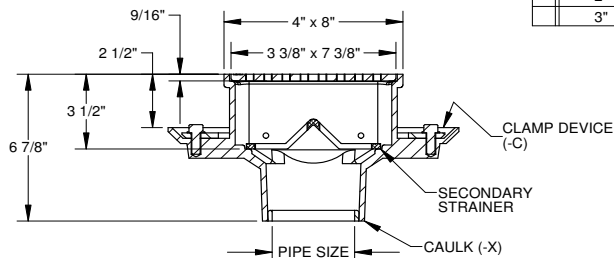
4"x8" RECTANGULAR TOP,
3-1/2" DEEP

SERIES **49700**

SLOT WIDTH 3/8"



PIPE SIZE
2"
3"



Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	STAINLESS STEEL DEPRESSED GRATE
	-16	GRATE WITH 4" ROUND FUNNEL
	-30	STAINLESS STEEL SEDIMENT BUCKET

	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49700-LF SERIES RECTANGULAR CAST IRON 3-1/2" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, CAST IRON NON-TRAFFIC ACID-RESISTING GRATE.

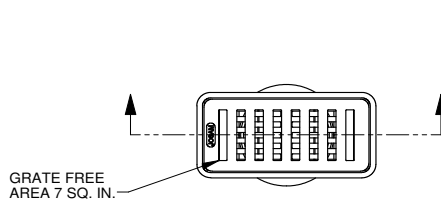
SANITARY FLOOR SINK

4"x8" RECTANGULAR TOP,
3-1/2" DEEP

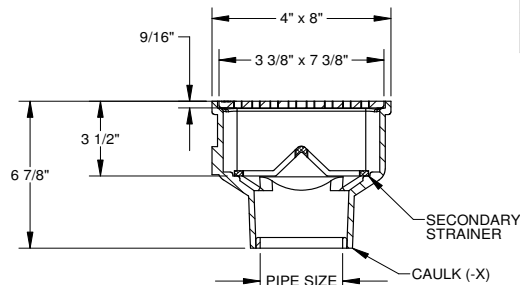
SERIES **49700-LF**

FORMERLY 49710 SERIES

SLOT WIDTH 3/8"



PIPE SIZE
2"
3"



Δ	X	-LF LESS FLANGE
		-NB NICKEL BRONZE TRAFFIC TOP
		-LG LESS GRATE
		-3 HALF (1/2) GRATE
		-4 THREE-QUARTER (3/4) GRATE
		-7 FULL GRATE WITH 2-1/2" CENTER OPENING
		-8 STAINLESS STEEL DEPRESSED GRATE
		-16 GRATE WITH 4" ROUND FUNNEL

	-30	STAINLESS STEEL SEDIMENT BUCKET
	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X	INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49700-NB SERIES RECTANGULAR CAST IRON 4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, NIKALOY RIM AND LIGHT-DUTY ANTI-TILTING NIKALOY GRATE.

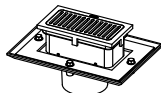
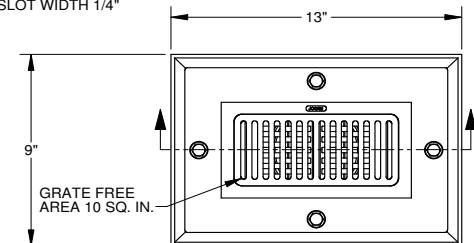
SANITARY FLOOR SINK

4"x8" RECTANGULAR TOP,
4" DEEP

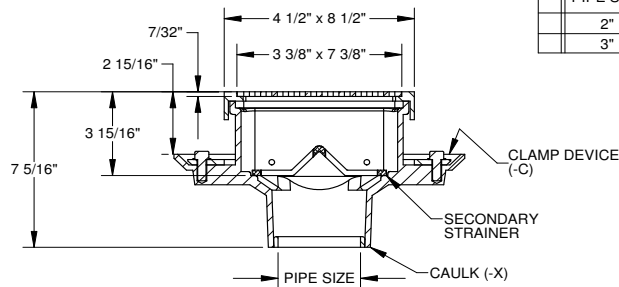
SERIES **49700-NB**

FORMERLY 49600 SERIES

SLOT WIDTH 1/4"



PIPE SIZE	
	2"
	3"



Δ	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	ALUMINUM DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL

	-30	STAINLESS STEEL SEDIMENT BUCKET
	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 5/16/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 49700-LF-NB SERIES RECTANGULAR CAST IRON 4" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, NIKALOY RIM AND LIGHT-DUTY ANTI-TILTING NIKALOY GRATE.

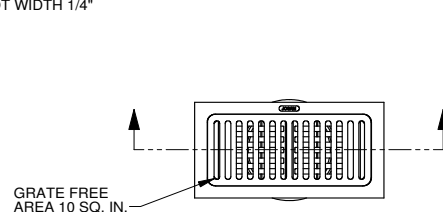
SANITARY FLOOR SINK

4"x8" RECTANGULAR TOP,
4" DEEP

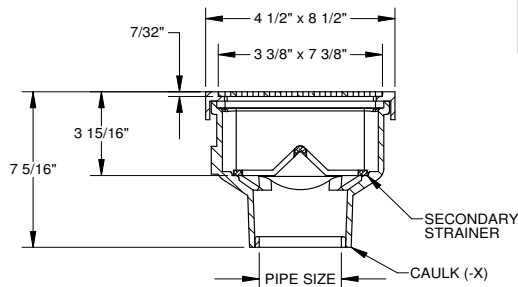
SERIES **49700-LF-NB**

FORMERLY 49610 SERIES

SLOT WIDTH 1/4"



PIPE SIZE	
	2"
	3"



Δ	-LF	LESS FLANGE
Δ	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	ALUMINUM DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

	-16	GRATE WITH 4" ROUND FUNNEL
	-30	STAINLESS STEEL SEDIMENT BUCKET
	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER ADAPTER, 88450 PROVIDED
	-X	INSIDE CAULK OUTLET

DATE OF LAST CHANGE: 5/16/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

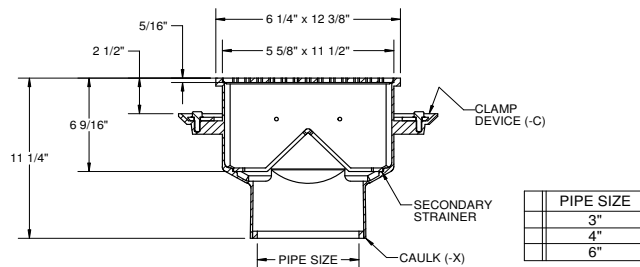
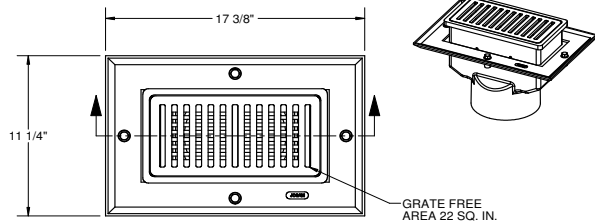
JOSAM SERIES 49720 RECTANGULAR CAST IRON 6-1/2" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET,
ALUMINUM INTERNAL SECONDARY STRAINER, CAST IRON,
NON-TRAFFIC, ACID-RESISTING GRATE.

SANITARY FLOOR SINK

6" x 12" RECTANGULAR TOP,
6-1/2" DEEP

SERIES **49720**

SLOT WIDTH 3/8"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-30 STAINLESS STEEL SEDIMENT BUCKET
	-43 INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL SECONDARY STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-C CLAMP DEVICE
	-X INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 49720-LF RECTANGULAR CAST IRON 6-1/2" DEEP
SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR,
BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER,
CAST IRON NON-TRAFFIC ACID-RESISTING GRATE.

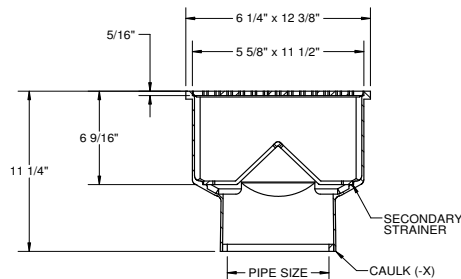
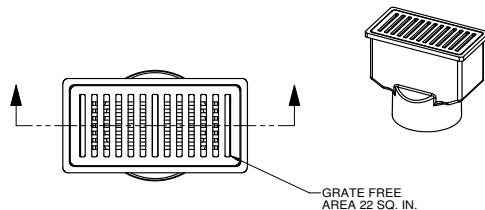
SANITARY FLOOR SINK

6" x 12" RECTANGULAR TOP,
6-1/2" DEEP

SERIES **49720-LF**

FORMERLY 49730 SERIES

SLOT WIDTH 3/8"



Δ	-LF LESS FLANGE
Δ	-NB NICKEL BRONZE TRAFFIC TOP
	-LG LESS GRATE
	-3 HALF (1/2) GRATE
	-4 THREE-QUARTER (3/4) GRATE
	-7 FULL GRATE WITH 2-1/2" CENTER OPENING
	-8 STAINLESS STEEL DEPRESSED GRATE
	-16 GRATE WITH 4" ROUND FUNNEL
	-18 GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-30 STAINLESS STEEL SEDIMENT BUCKET
	-43 INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45 LESS INTERNAL SECONDARY STRAINER
	-51 GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52 PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55 1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-X INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 2/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 49720-NB RECTANGULAR CAST IRON 7" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, NIKALOY RIM AND LIGHT-DUTY ANTI-TILTING NIKALOY GRATE.

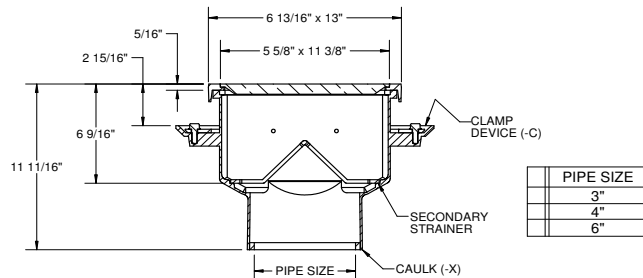
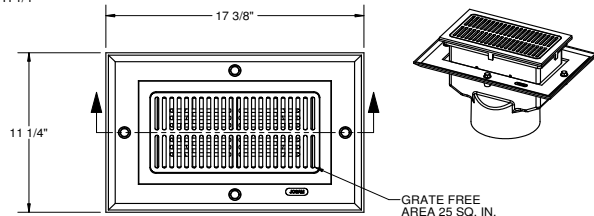
SANITARY FLOOR SINK

6" x 12" RECTANGULAR TOP,
7" DEEP

SERIES **49720-NB**

FORMERLY 49620 SERIES

SLOT WIDTH 1/4"



PIPE SIZE
3"
4"
6"

Δ	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	ALUMINUM DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-30	STAINLESS STEEL SEDIMENT BUCKET
	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-C	CLAMP DEVICE
	-X	INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 5/20/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 49720-LF-NB RECTANGULAR CAST IRON 7" DEEP SUPER-FLO-SEPTOR® FLOOR SINK WITH ACID RESISTING INTERIOR, BOTTOM OUTLET, ALUMINUM INTERNAL SECONDARY STRAINER, NIKALOY RIM AND LIGHT-DUTY ANTI-TILTING NIKALOY GRATE.

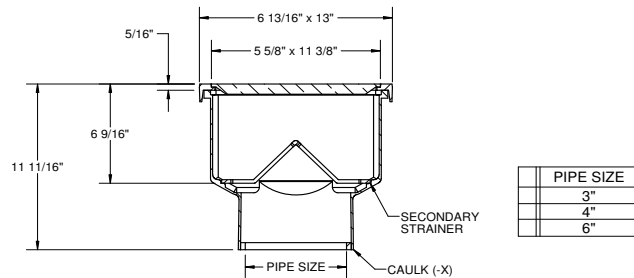
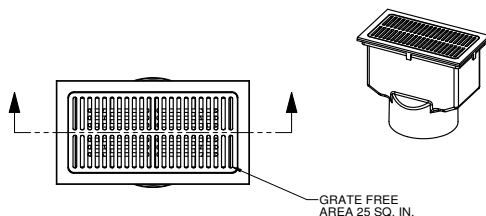
SANITARY FLOOR SINK

6" x 12" RECTANGULAR TOP,
7" DEEP

SERIES **49720-LF-NB**

FORMERLY 49630 SERIES

SLOT WIDTH 1/4"



PIPE SIZE
3"
4"
6"

X	-LF	LESS FLANGE
X	-NB	NICKEL BRONZE TRAFFIC TOP
	-LG	LESS GRATE
	-3	HALF (1/2) GRATE
	-4	THREE-QUARTER (3/4) GRATE
	-7	FULL GRATE WITH 2-1/2" CENTER OPENING
	-8	ALUMINUM DEPRESSED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-16	GRATE WITH 4" ROUND FUNNEL
	-18	GRATE WITH 9" x 3-1/2" OVAL FUNNEL

	-30	STAINLESS STEEL SEDIMENT BUCKET
	-43	INTERNAL SECONDARY STRAINER, ACID RESISTANT FINISH
	-45	LESS INTERNAL SECONDARY STRAINER
	-51	GALV. CAST IRON, INSIDE AND OUTSIDE (NO ARE)
	-52	PAINTED, INSIDE AND OUTSIDE (NO ARE)
	-55	1/2" PRIMER TAP (6"), ADAPTER 88450 PROVIDED (3"-4")
	-X	INSIDE CAULK OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 5/20/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

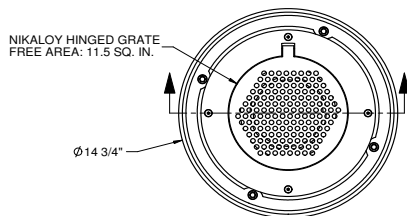
NOTES

SPECIFICATION:

JOSAM SERIES 49850 ROUND CAST IRON FLOOR SINK WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, INSIDE CAULK CONNECTION, FLUSHING CONNECTIONS, BRONZE FLUSHING RIM AND NIKALOY ROUND TOP WITH LIGHT-DUTY PERFORATED HINGED GRATE.

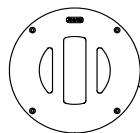
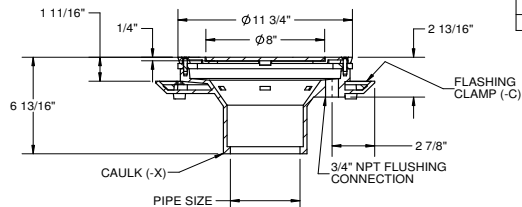
**SANITARY FLOOR SINK
FLUSHING RIM 12" ROUND TOP**

SERIES **49850**

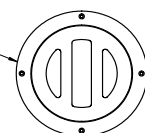


PIPE SIZE	
	2"
	3"
	4"
	6"

49852 AND 49853
USE 49854 BODY



LOOSE SET NIKALOY GRATE (-14)
FREE AREA: 23 SQ. IN.



ONE PIECE NIKALOY GRATE (-13)
FREE AREA: 22 SQ. IN.

VACUUM BREAKER SHOULD BE INSTALLED
SUBJECT TO LOCAL CODE REQUIREMENTS

-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-98	WATER SUPPLY CONTROL BOX
-13	ONE-PIECE SATIN NIKALOY GRATE	-C	CLAMP DEVICE
-14	LOOSE-SET SATIN NIKALOY GRATE	-X	INSIDE CAULK OUTLET (2"-4" SIZES ONLY)
-51	GALVANIZED CAST IRON, INSIDE AND OUTSIDE	-Z	NO-HUB OUTLET (6" SIZE ONLY)

DATE OF LAST CHANGE: 5/22/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

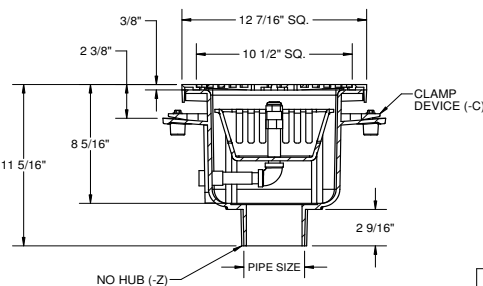
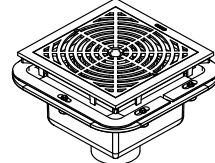
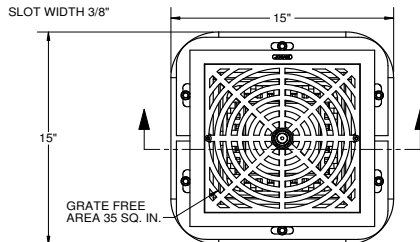
NOTES

SPECIFICATION:

JOSAM SERIES 49870A SQUARE CAST IRON CAN WASH DRAIN WITH ACID RESISTING INTERIOR, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, REMOVABLE SEDIMENT BUCKET, BRONZE SPRAY NOZZLE ASSEMBLY AND NIKALOY RIM AND LIGHT-DUTY NIKALOY SECURED GRATE.

**SANITARY FLOOR SINK
12" SQUARE TOP,
CAN WASH DRAIN**

SERIES **49870A**



PIPE SIZE	
	3"
	4"

NOTE: VACUUM BREAKER SHOULD BE
INSTALLED SUBJECT TO LOCAL CODE
REQUIREMENTS

-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-98	WATER SUPPLY CONTROL BOX
-35	BUCKET LINER (STAINLESS STEEL)	-C	CLAMP DEVICE
-51	GALVANIZED CAST IRON, INSIDE AND OUTSIDE (NO ARE)	-X	INSIDE CAULK OUTLET
-55	1/2" PRIMER ADAPTER, 88450 PROVIDED	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 5/22/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

55000 Series KLEENATRON® II ASSEMBLY

WIDE CHOICE OF COVERS

Tops and covers for every area. Round-square, tile-terrazzo, medium-special-duty. Standard cast iron secured cover has special-duty rating.*

***SPECIAL-DUTY:** Grates testing over 10,000 lb. (4500 kg.) ASME 112.6.3-2001.

ADJUSTABLE BUSHING

Precision machine threaded cast iron bushing provides LEVELEZE® adjustment; non-tilting top. Body protects threads from concrete, allowing adjustment after pour.

EASY IN – EASY OUT CLOSURE PLUG

ABS plastic closure plug with gas-tight sealing tapered threads.

OPTIONAL CLAMP RING

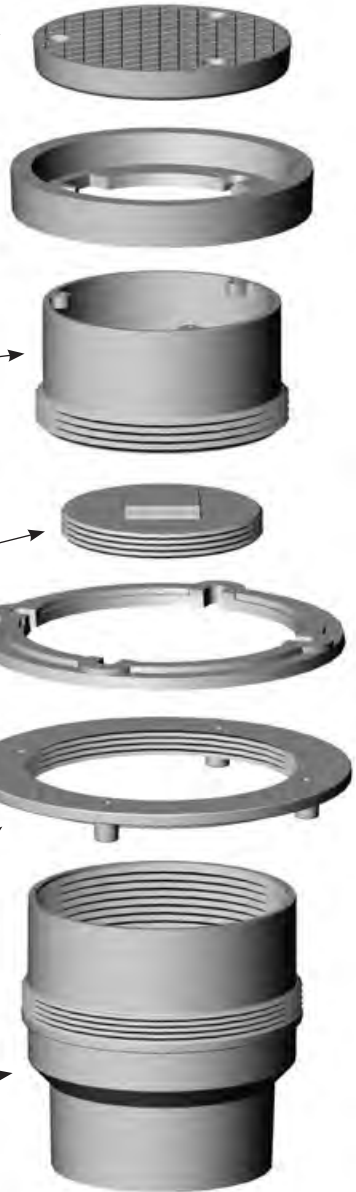
To secure waterproof membrane to flashing flange.

OPTIONAL (-F) FLASHING FLANGE

Mates with machined exterior thread on ferrule to provide watertight connection without the additional use of sealant by others.

CAST IRON BODY

With interior threads to provide unimpaired LEVELEZE® adjustment of top section.



SPECIFICATION:

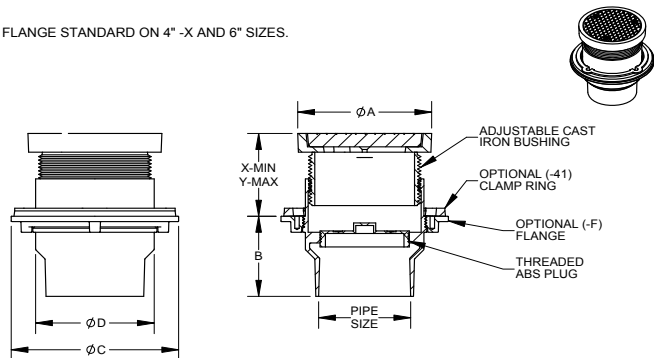
JOSAM 55000 SERIES COATED CAST IRON KLEENATRON® II
LEVELEZE® FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH SPECIAL-DUTY
SCORIATED SECURED ROUND CAST IRON COVER.

CLEANOUT

ROUND CAST IRON TOP

SERIES **55000**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



PIPE SIZE	A	B	C	D	X	Y
2" *	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
3" *	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
4" *	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
4" -X **	7-1/2	4-1/4	9-3/16	7	2-5/8	4-5/16
5" -Z **	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
6" -Z **	7-1/2	4-1/4	9-3/16	7	2-5/8	4-5/16

* PLUG SIZE = 3-1/2" NPT
** PLUG SIZE = 5-1/2" NPT

Δ -3	BUFF POLISH NIKALOY
Δ -1	SATIN FINISH NIKALOY TOP
Δ -1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY
Δ -1-13	TERRAZZO TILE COVER, SATIN FINISH NIKALOY
Δ -1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP
Δ -1-SQ	SQUARE TOP, SATIN FINISH NIKALOY
Δ -2	SATIN FINISH BRONZE TOP
Δ -2-12	COVER RECESSED FOR TILE, SATIN FINISH BRONZE
Δ -2-13	TERRAZZO TILE COVER, SATIN FINISH BRONZE
Δ -2-SD	SPECIAL-DUTY SATIN FINISH BRONZE TOP
Δ -2-SQ	SQUARE TOP, SATIN FINISH BRONZE TOP
Δ -5	DUCTILE IRON TOP
Δ -14	CARPET CLEANOUT MARKER

-4	BUFF POLISH BRASS
-22	BRONZE PLUG
-31	GALVANIZED CAST IRON PARTS
-41	CLAMP RING AND FLANGE
-CFC	CARPET CLEANOUT FLANGE COVER
-F	FLANGE ONLY
-SS	STAINLESS STEEL TOP
-SS-SD	SPECIAL DUTY STAINLESS STEEL TOP (N/A 4"X AND 6")
-SS-SQ	SQUARE TOP, STAINLESS STEEL
-VP	SECURED COVER, VANDAL-PROOF SCREWS
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 10/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

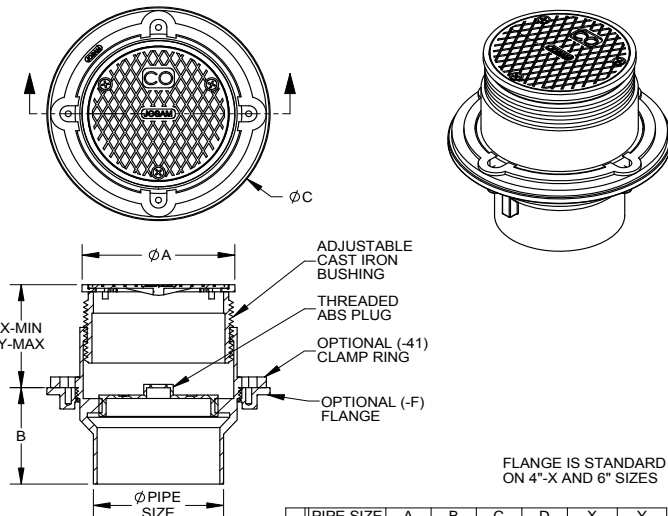
SPECIFICATION:

JOSAM 55000-1 SERIES COATED CAST IRON KLEENATRON II LEVELEZE
FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE
CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED
ROUND SATIN NIKALOY COVER.

CLEANOUT

ROUND NIKALOY TOP

SERIES **55000-1**



FLANGE IS STANDARD
ON 4"-X AND 6" SIZES

PIPE SIZE	A	B	C	D	X	Y
2	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
3	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
4	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
4-X	6-5/8	4-1/4	9-3/16	7	2	3-11/16
5-Z	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
6-Z	6-5/8	4-1/4	9-3/16	7	2	3-11/16

X	-1 NIKALOY TOP	-F FLANGE ONLY
-14	CARPET CLEANOUT MARKER	-WF WIDE FLANGE
-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC CARPET CLEANOUT FLANGE COVER
-22	TAPER THREAD BRONZE PLUG	-X INSIDE CAULK OUTLET
-31	GALVANIZED CAST IRON PARTS	-Y HUB OUTLET W/ GASKET (2", 3" & 4" SIZES ONLY)
-41	CLAMP RING AND FLANGE	-Z NO-HUB OUTLET

DATE OF LAST CHANGE: 9/03/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

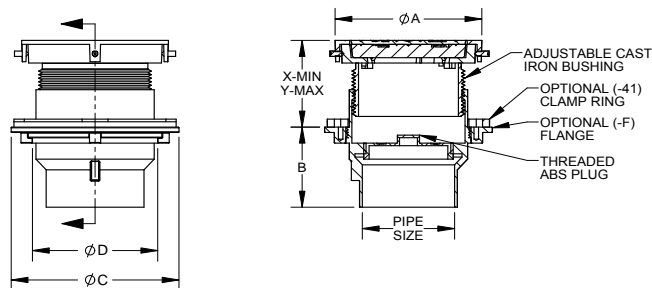
JOSAM 55000-1-SD SERIES COATED CAST IRON KLEENATRON® II
LEVELZE® FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH SPECIAL-DUTY
SCORRIATED SECURED ROUND LAMINATED SATIN NIKALOY COVER.

CLEANOUT

ROUND NIKALOY LAMINATE TOP

SERIES **55000-1-SD**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



	PIPE SIZE	A	B	C	D	X	Y
	2"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	3"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	4"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	4"-X	8-3/16	4-1/4	9-3/16	7	2-7/8	4-9/16
	5"-Z	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	6"-Z	8-3/16	4-1/4	9-3/16	7	2-7/8	4-9/16

X	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	-X	INSIDE CAULK OUTLET
	-31	GALVANIZED CAST IRON PARTS	-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
	-41	CLAMP RING AND FLANGE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 05/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

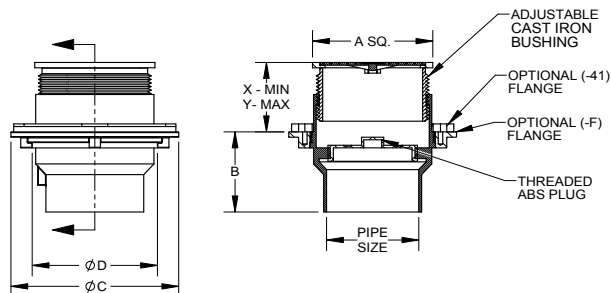
JOSAM 55000-1-SQ SERIES COATED CAST IRON KLEENATRON® II
LEVELZE® FLOOR CLEANOUT, INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORRIATED
SECURED SQUARE SATIN NIKALOY COVER.

CLEANOUT

SQUARE NIKALOY TOP

SERIES **55000-1-SQ**

FLANGE STANDARD ON 4" -X AND 6" SIZES



	PIPE SIZE	A	B	C	D	X	Y
	2"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	3"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"-X	7	4-1/4	9-3/16	7	2	3-11/16
	5"-Z	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	6"-Z	7	4-1/4	9-3/16	7	2	3-11/16

X	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	-X	INSIDE CAULK OUTLET
	-31	GALVANIZED CAST IRON PARTS	-Y	HUB OUTLET W/GASKET (2", 3", 4" SIZES ONLY)
	-41	CLAMP RING AND FLANGE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

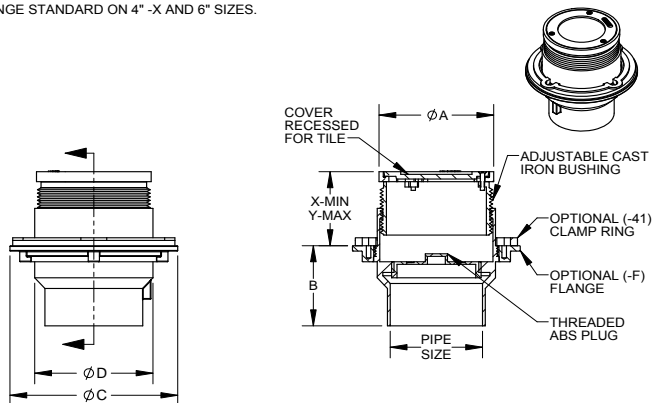
JOSAM 55000-1-12 SERIES COATED CAST IRON KLEENATRON® II LEVELEZE® FLOOR CLEANOUT. INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED ROUND SATIN NIKALOY COVER RECESSED FOR TILE.

CLEANOUT

ROUND NIKALOY TOP,
RECESSED FOR TILE

SERIES **55000-1-12**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



	PIPE SIZE	A	B	C	D	X	Y
	2"	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	3"	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"-X	6-5/8	4-1/4	9-3/16	7	2	3-11/16
	5"-Z	5-1/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	6"-Z	6-5/8	4-1/4	9-3/16	7	2	3-11/16

X	-1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	-X	INSIDE CAULK OUTLET
	-31	GALVANIZED CAST IRON PARTS	-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
	-41	CLAMP RING AND FLANGE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

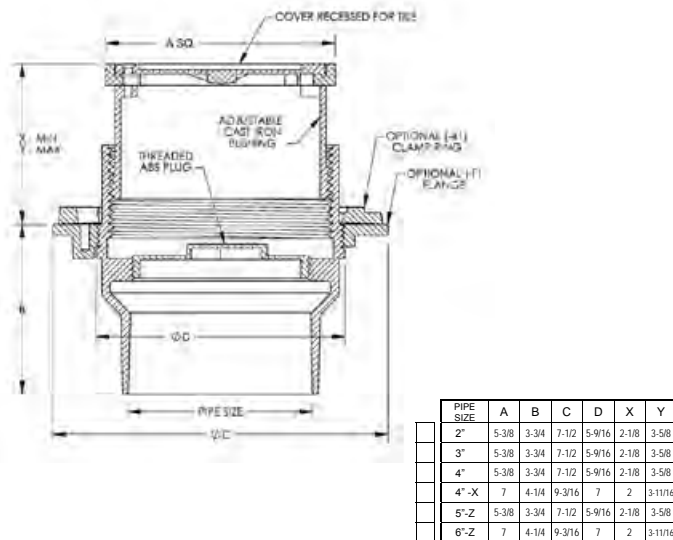
SPECIFICATION:

JOSAM 55000-1-12-SQ SERIES COATED CAST IRON KLEENATRON® II LEVELEZE® FLOOR CLEANOUT. INTERNAL ABS CLEANOUT PLUG, ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY SCORIATED SECURED SQUARE SATIN NIKALOY COVER RECESSED FOR TILE.

CLEANOUT

SQUARE NIKALOY TOP, RECESSED FOR TILE

SERIES **55000-1-12-SQ**



	PIPE SIZE	A	B	C	D	X	Y
	2"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	3"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	4"-X	7	4-1/4	9-3/16	7	2	3-11/16
	5"-Z	5-3/8	3-3/4	7-1/2	5-9/16	2-1/8	3-5/8
	6"-Z	7	4-1/4	9-3/16	7	2	3-11/16

-SQ	SQUARE TOP
-1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY
-14	CARPET CLEANOUT MARKER
-VP	SECURED COVER, VANDAL-PROOF SCREWS
-22	TAPER THREAD BRONZE PLUG
-31	GALVANIZED CAST IRON PARTS
-41	CLAMP RING AND FLANGE

-F	FLANGE ONLY
-WF	WIDE FLANGE
-CFC	CARPET CLEANOUT FLANGE COVER
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/ GASKET (2", 3" & 4" SIZE'S ONLY)
-Z	NO-HUB OUTLET

Date: 06/28/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

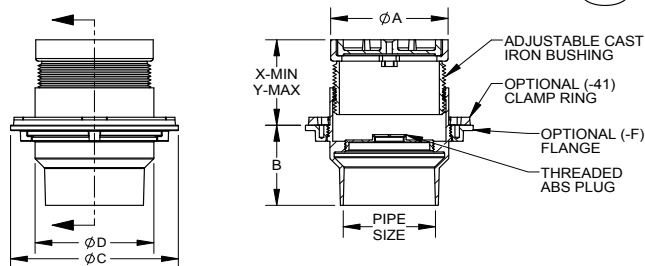
JOSAM 55000-1-13 SERIES COATED CAST IRON KLEENATRON® II
LEVELZE® FLOOR CLEANOUT. INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH MEDIUM-DUTY
SCORRIATED SECURED ROUND SATIN NIKALOY COVER RECESSED
FOR TERRAZZO FLOORING.

CLEANOUT

ROUND TERRAZZO TOP

SERIES **55000-1-13**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



	PIPE SIZE	A	B	C	D	X	Y
	2"	5-1/4	3-3/4	7-1/2	5-9/16	2-7/8	4-3/8
	3"	5-1/4	3-3/4	7-1/2	5-9/16	2-7/8	4-3/8
	4"	5-1/4	3-3/4	7-1/2	5-9/16	2-7/8	4-3/8
	4" -X	6-5/8	4-1/4	9-3/16	7	2-3/4	4-7/16
	5" -Z	5-1/4	3-3/4	7-1/2	5-9/16	2-7/8	4-3/8
	6" -Z	6-5/8	4-1/4	9-3/16	7	2-3/4	4-7/16

X	-1-13	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-CFC	CARPET CLEANOUT FLANGE COVER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-X	INSIDE CAULK OUTLET
	-22	TAPER THREAD BRONZE PLUG	-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
	-31	GALVANIZED CAST IRON PARTS	-Z	NO-HUB OUTLET
	-41	CLAMP RING AND FLANGE		

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

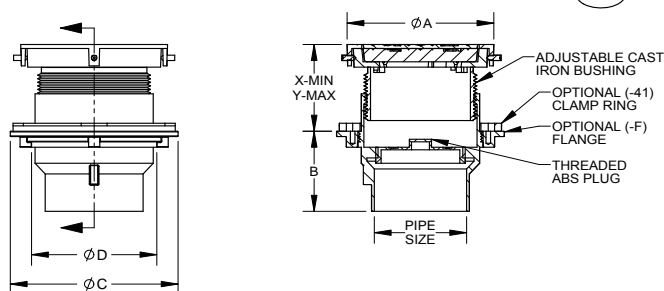
JOSAM 55000-2-SD SERIES COATED CAST IRON KLEENATRON® II
LEVELZE® FLOOR CLEANOUT. INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH SPECIAL-DUTY
SCORRIATED SECURED ROUND LAMINATED SATIN BRONZE COVER.

CLEANOUT

ROUND BRONZE LAMINATE TOP

SERIES **55000-2-SD**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



	PIPE SIZE	A	B	C	D	X	Y
	2"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	3"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	4"	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	4" -X	8-3/16	4-1/4	9-3/16	7	2-7/8	4-9/16
	5" -Z	6-9/16	3-3/4	7-1/2	5-9/16	3	4-1/2
	6" -Z	8-3/16	4-1/4	9-3/16	7	2-7/8	4-9/16

X	-2-SD	SPECIAL-DUTY SATIN FINISH BRONZE TOP	-F	FLANGE ONLY
	-14	CARPET CLEANOUT MARKER	-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS	-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	-X	INSIDE CAULK OUTLET
	-31	GALVANIZED CAST IRON PARTS	-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
	-41	CLAMP RING AND FLANGE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/23/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

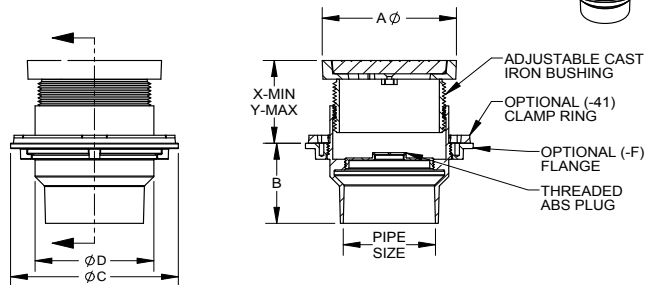
JOSAM 55000-5 SERIES COATED CAST IRON KLEENATRON® II
LEVELEZE® FLOOR CLEANOUT. INTERNAL ABS CLEANOUT PLUG,
ADJUSTABLE CAST IRON HOUSING WITH SPECIAL-DUTY
SCORIATED SECURED ROUND DUCTILE IRON COVER.

CLEANOUT

ROUND DUCTILE IRON TOP

SERIES **55000-5**

FLANGE STANDARD ON 4" -X AND 6" SIZES.



	PIPE SIZE	A	B	C	D	X	Y
	2"	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
	3"	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
	4"	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
	4" -X	7-1/2	4-1/4	9-3/16	7	2-5/8	4-5/16
	5" -Z	6	3-3/4	7-1/2	5-9/16	2-3/4	4-1/4
	6" -Z	7-1/2	4-1/4	9-3/16	7	2-5/8	4-5/16

X	-5	DUCTILE IRON TOP
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-41	CLAMP RING AND FLANGE

	-F	FLANGE ONLY
	-CFC	CARPET CLEANOUT FLANGE COVER
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET W/GASKET (2", 3", & 4" SIZES ONLY)
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/23/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

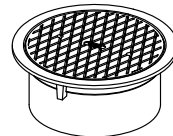
JOSAM 56670 SERIES ROUND CAST NIKALOY FLOOR CLEANOUT,
BOTTOM OUTLET INSIDE CAULK CONNECTION AND THREADED SATIN
SCORIATED ROUND COVER WITH SPANNER WRENCH SOCKETS.

CLEANOUT

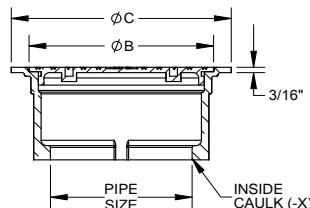
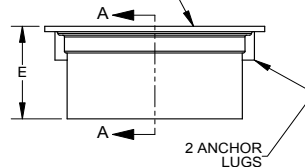
SPANNER TYPE FLOOR CLEANOUT

SERIES **56670**

FORMERLY 58670 SERIES



THREADED SCORIATED
COVER WITH SPANNER
WRENCH SOCKETS



SECTION A-A

	PIPE SIZE	B	C	E
	2"	4-1/16	5-3/8	3-1/4
	3"	6-1/4	7-3/8	3-1/4
	4"	6-1/4	7-3/8	3-1/4
	5"	8-3/16	9-3/8	3-1/2
	6"	8-3/16	9-3/8	3-1/2

	-2	SATIN FINISH BRONZE TOP
	-11	SMOOTH TOP
	-14	CARPET CLEANOUT MARKER
	-24	SPANNER WRENCH

DATE OF LAST CHANGE: 11/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

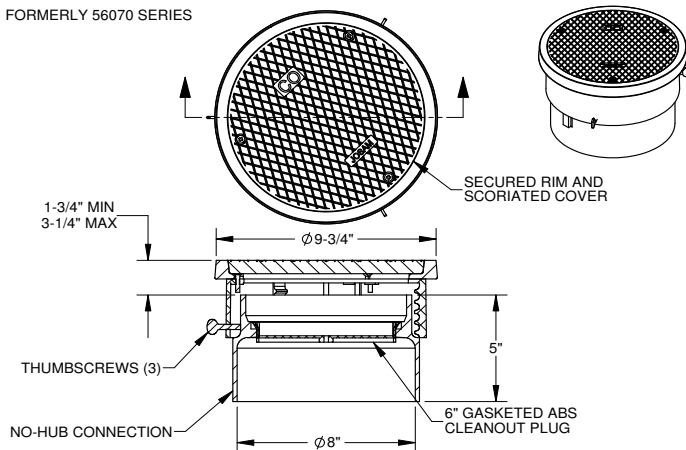
SPECIFICATION:

JOSAM 57008-Z-CI SERIES COATED CAST IRON LEVELEZE® KLEENATRON® FLOOR CLEANOUT, INTERNAL GASKETED ABS CLEANOUT PLUG, NO-HUB CONNECTION AND ADJUSTABLE ABS HOUSING WITH SPECIAL-DUTY SCORIATED SECURED ROUND CAST IRON TOP.

CLEANOUT LEVELEZE® KLEENATRON®

SERIES **57008-Z-CI**

FORMERLY 56070 SERIES



Δ	-1	SATIN FINISH NIKALOY TOP
Δ	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP
Δ	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY
Δ	-1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY
	-2	SATIN FINISH BRONZE TOP
	-2-SD	SPECIAL-DUTY SATIN FINISH BRONZE TOP
	-2-SQ	SQUARE TOP, SATIN FINISH BRONZE
	-2-12	COVER RECESSED FOR TILE, SATIN FINISH BRONZE
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-WF	WIDE FLANGE (N/A ON CI)
	-CFC	CARPET CLEANOUT FLANGE COVER
X	-CI	CAST IRON TOP
X	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 4/7/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

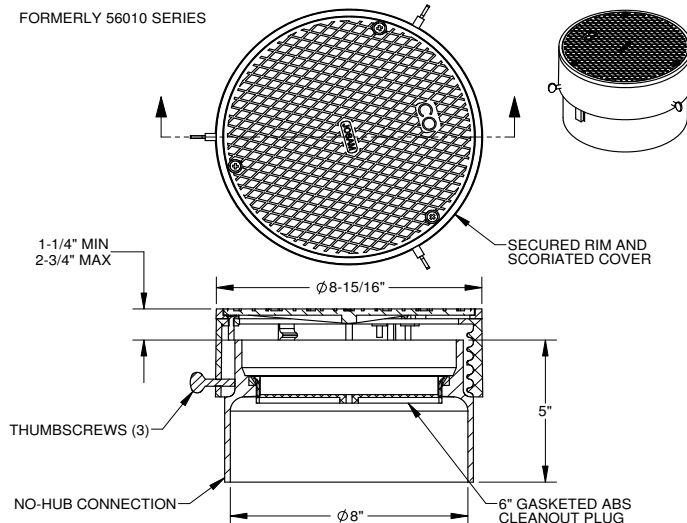
SPECIFICATION:

JOSAM 57008-Z-1 SERIES COATED CAST IRON KLEENATRON® LEVELEZE® FLOOR CLEANOUT, INTERNAL GASKETED ABS CLEANOUT PLUG, NO-HUB CONNECTION AND ADJUSTABLE ABS HOUSING WITH MEDIUM-DUTY SCORIATED SECURED ROUND SATIN NIKALOY TOP.

CLEANOUT LEVELEZE® KLEENATRON® NO-HUB OUTLET

SERIES **57008-Z-1**

FORMERLY 56010 SERIES



X	-1	SATIN FINISH NIKALOY TOP
Δ	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP Δ
Δ	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY Δ
Δ	-1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY Δ
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-WF	WIDE FLANGE
	-CFC	CARPET CLEANOUT FLANGE COVER
X	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 4/7/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

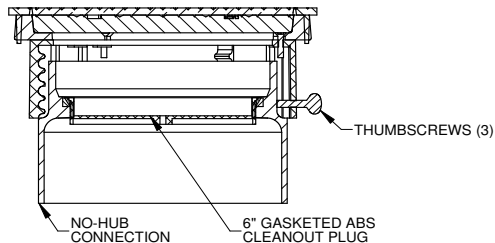
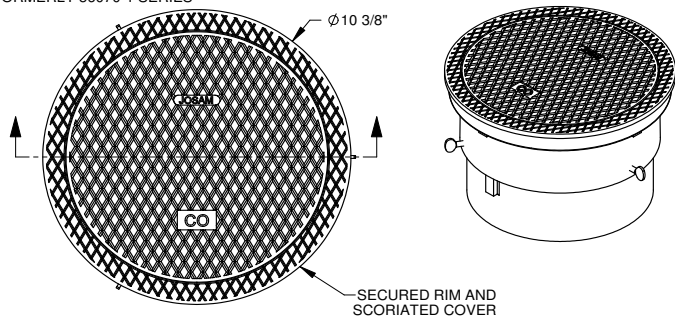
SPECIFICATION:

JOSAM 57008-Z-1-SD SERIES COATED CAST IRON KLEENATRON®
LEVEZE® FLOOR CLEANOUT. INTERNAL GASKETED ABS CLEANOUT
PLUG. NO-HUB CONNECTION AND ADJUSTABLE ABS HOUSING WITH
SPECIAL-DUTY SCORIATED SECURED ROUND LAMINATED SATIN
NIKALOY TOP.

CLEANOUT
LEVEZE® KLEENATRON®

 SERIES **57008-Z-1-SD**

FORMERLY 56070-1 SERIES



X	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-WF	WIDE FLANGE
	-CFC	CARPET CLEANOUT FLANGE COVER
X	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 4/4/14

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

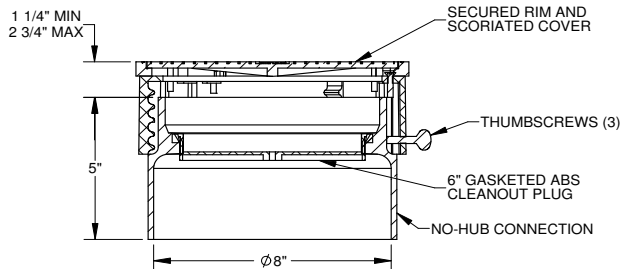
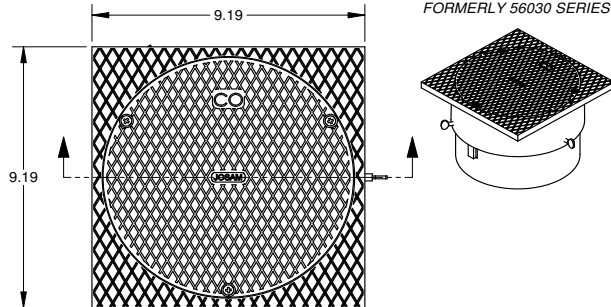
SPECIFICATION:

JOSAM 57008-Z-1-SQ SERIES COATED CAST IRON KLEENATRON®
LEVEZE® FLOOR CLEANOUT. INTERNAL GASKETED ABS CLEANOUT
PLUG. NO-HUB CONNECTION AND ADJUSTABLE ABS HOUSING WITH
MEDIUM-DUTY SCORIATED SECURED SQUARE SATIN NIKALOY TOP.

CLEANOUT
LEVEZE® KLEENATRON®
SQUARE TOP

 SERIES **57008-Z-1-SQ**

FORMERLY 56030 SERIES



X	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY		-31	GALVANIZED CAST IRON PARTS
	-14	CARPET CLEANOUT MARKER		-WF	WIDE FLANGE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS		-CFC	CARPET CLEANOUT FLANGE COVER
	-22	TAPER THREAD BRONZE PLUG	X	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/01/14

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

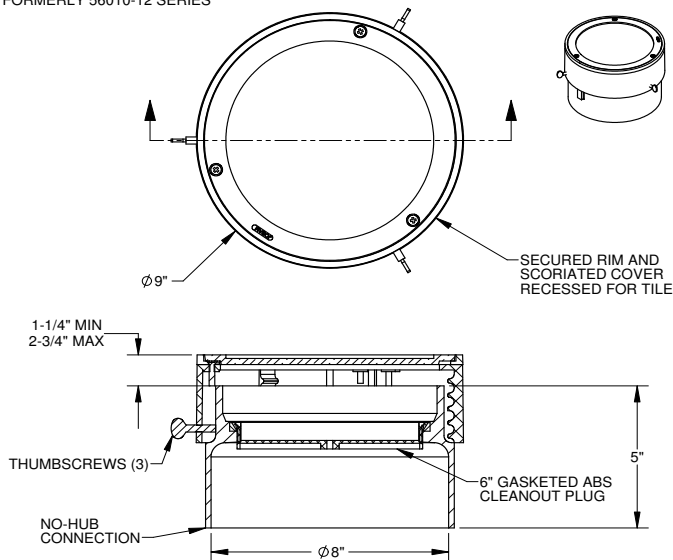
SPECIFICATION:

JOSAM 57008-Z-1-12 SERIES COATED CAST IRON KLEENATRON®
LEVELEZE® FLOOR CLEANOUT, INTERNAL GASKETED ABS CLEANOUT
PLUG, NO-HUB CONNECTION AND ADJUSTABLE ABS HOUSING WITH
MEDIUM-DUTY SCORIATED SECURED ROUND SATIN NIKALOY TOP
RECESSED FOR TILE.

CLEANOUT LEVELEZE® KLEENATRON®

SERIES **57008-Z-1-12**

FORMERLY 56010-12 SERIES



X	-1-12	COVER RECESSED FOR TILE, SATIN FINISH NIKALOY TOP
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-WF	WIDE FLANGE
	-CFC	CARPET CLEANOUT FLANGE COVER
X	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 4/4/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

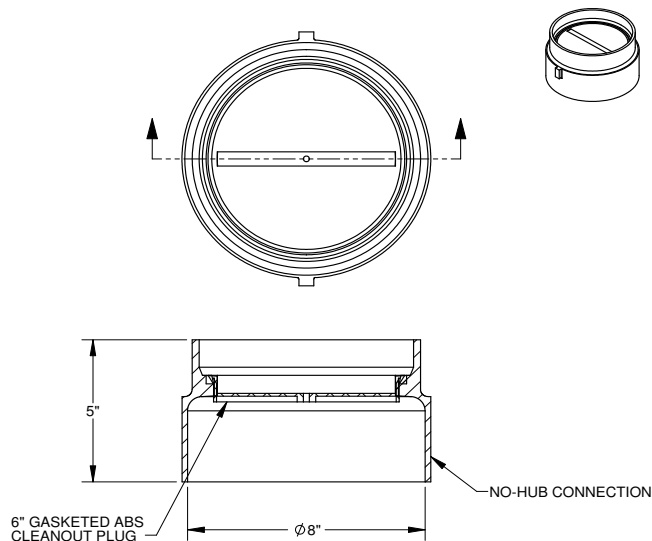
SPECIFICATION:

JOSAM 57008-Z-LT SERIES COATED CAST IRON CLEANOUT FERRULE
WITH NO-HUB CONNECTION AND GASKETED ABS CLEANOUT PLUG.

CLEANOUT LEVELEZE® KLEENATRON®

SERIES **57008-Z-LT**

FORMERLY 58190 SERIES



X	-LT	LESS TOP
	-22	TAPER THREAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS
	-WF	WIDE FLANGE
X	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 4/4/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

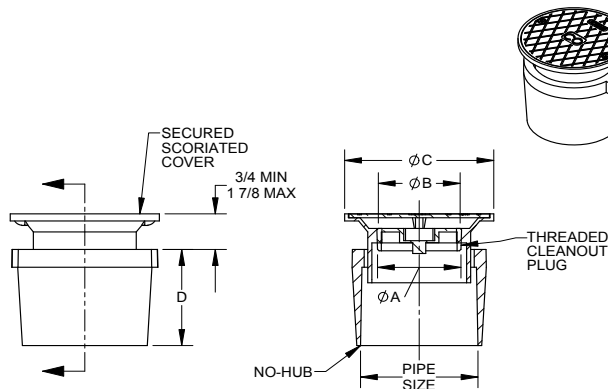
NOTES

SPECIFICATION:

JOSAM 58360 SERIES COATED CAST IRON FERRULE AND ADJUSTABLE CAST NIKALOY FLOOR CLEANOUT, INTEGRAL BRONZE COUNTERSUNK PLUG AND SOLID SCORIATED SECURED ROUND COVER.

CLEANOUT ADJUSTABLE FLOOR CLEANOUT

SERIES **58360**



PIPE SIZE	A	B	C	D
2"-Z	2	1-1/2	4	4-1/2
3"-Z	2	1-1/2	4	3-1/8
4"-Z	3	2-3/4	5	3-3/8
5"-Z	3	2-3/4	5	4-1/4
6"-Z	3	2-3/4	5	4-1/4

PIPE SIZE	A	B	C	D
2"-Y	2	1-1/2	4	3-1/8
3"-Y	3	2-3/4	5	3-3/8
4"-Y	3	2-3/4	5	4-1/4

GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-2	SATIN FINISH BRONZE TOP
-14	CARPET CLEANOUT MARKER
-31	GALVANIZED CAST IRON PARTS
-VP	SECURED COVER, VANDAL-PROOF SCREWS
-Y	HUB OUTLET W/GASKET (2"-4" SIZES) ONLY
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

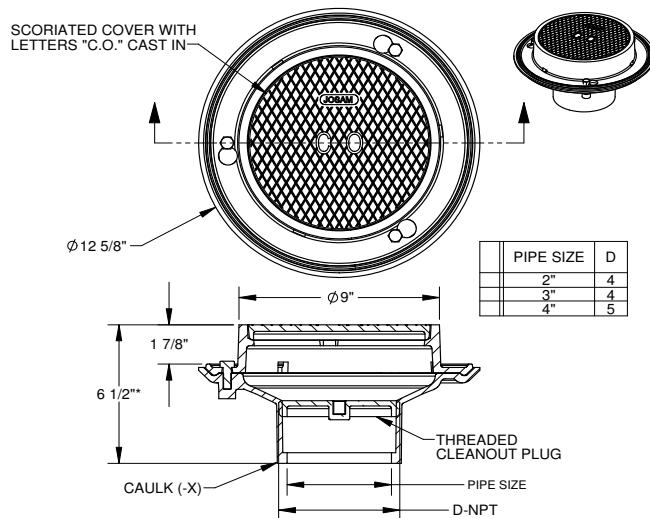
NOTES

SPECIFICATION:

JOSAM 58460A SERIES COATED CAST IRON FLOOR CLEANOUT, INTERNAL BRONZE COUNTERSUNK PLUG, INSIDE CAULK OUTLET AND SCORIATED ROUND TOP.

CLEANOUT FLOOR CLEANOUT

SERIES **58460A**



*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

Δ	-AE	ADJUSTABLE EXTENSION
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-6	SQUARE TOP, CAST IRON
	-6-1	SQUARE TOP, NIKALOY
	-6-2	SQUARE TOP, BRONZE
	-12	TOP RECESSED FOR TILE
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 4/7/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

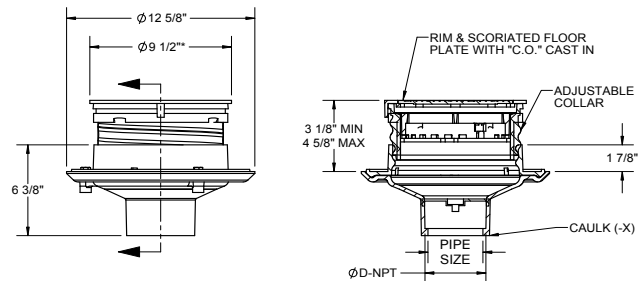
JOSAM 58460A-AE SERIES COATED CAST IRON LEVEZE® FLOOR CLEANOUT, ADJUSTABLE COLLAR WITH ROLLED THREAD AND INTERNAL BRONZE COUNTERSUNK PLUG, INSIDE CAULK OUTLET CONNECTION, SATIN NIKALOY RIM AND SCORRIATED ROUND NIKALOY COVER.

CLEANOUT

WITH LEVEZE®
ADJUSTABLE EXTENSION

SERIES **58460A-AE**

FORMERLY 58370A SERIES



PIPE SIZE	D
2"	3
3"	4
4"	5

*THIS DIM 9" SQ. ON (-6) SQUARE TOP

X	-AE	ADJUSTABLE EXTENSION
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-6	SQUARE TOP, CAST IRON
	-6-1	SQUARE TOP, NIKALOY
	-6-2	SQUARE TOP, BRONZE
	-12	TOP RECESSED FOR TILE
	-14	CARPET CLEANOUT MARKER
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

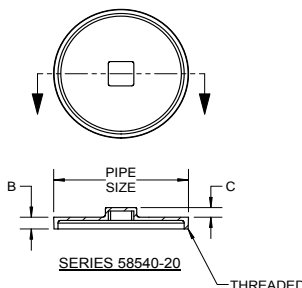
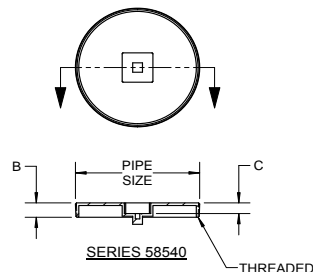
JOSAM 58540 SERIES COUNTERSINK BRONZE N.P.T. THREADED PLUG FOR USE IN CONJUNCTION WITH JOSAM CLEANOUTS OR STANDARD PIPE FITTINGS.

CLEANOUT

THREADED BRONZE PLUG

SERIES **58540**

PIPE SIZE	B	C
1"	1/2	3/8
1-1/4"	1/2	3/8
1-1/2"	1/2	3/8
2"	5/8	3/8
2-1/2"	7/8	3/8
3"	1/2	3/8
3-1/2"	1/2	3/8
4"	1/2	3/8
5"	5/8	1/2
6"	1/2	1/2
8"	3/4	1/2



PIPE SIZE	B	C
1"	3/8	5/16
1-1/4"	3/8	5/16
1-1/2"	3/8	5/16
2"	3/8	5/16
2-1/2"	3/8	3/8
3"	1/2	3/8
3-1/2"	1/2	3/8
4"	1/2	3/8
5"	1/2	3/8
5-1/2"	5/8	3/8
6"	1	1
8"	1	1
10"	1	1-1/8

|| -19 || PLUG TAPPED FOR CENTER SCREW || -20 || RAISED HEAD FOR BRONZE PLUG ||

*10" SIZE AVAILABLE IN RAISED HEAD BRONZE PLUG ONLY

DATE OF LAST CHANGE: 05/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

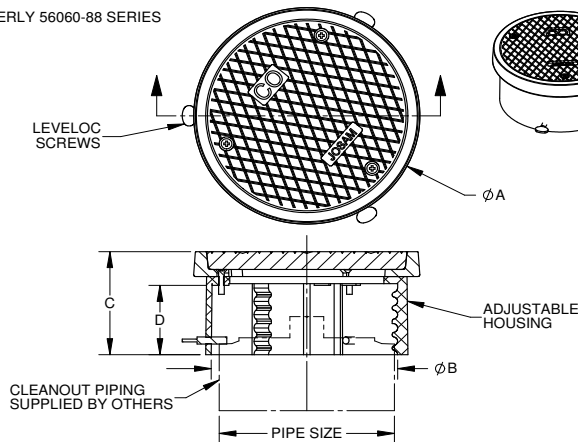
SPECIFICATION:

JOSAM 58580 SERIES ABS FLOOR ACCESS HOUSING WITH SPECIAL-DUTY SCORIATED SECURED ROUND CAST IRON TOP AND LEVELOC® SCREWS

CLEANOUT
ACCESS HOUSING & COVER

SERIES **58580**

FORMERLY 56060-88 SERIES



Δ	-1	SATIN FINISH NIKALOY TOP
Δ	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP
Δ	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY
	-2	SATIN FINISH BRONZE TOP
	-2-SD	SPECIAL-DUTY SATIN FINISH BRONZE TOP
	-2-SQ	SQUARE TOP, SATIN FINISH BRONZE
	-5	DUCTILE IRON TOP

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	PIPE SIZE	A	*B	C	D
	2"	6	3-3/16	3-7/8	2-9/16
	3"	7-5/8	5-3/16	3-7/8	2-9/16
	4"	7-5/8	5-3/16	3-7/8	2-9/16
	5"	9-3/4	7-3/8	3-7/8	2-9/16
	6"	9-3/4	7-3/8	3-7/8	2-9/16

* MAXIMUM SPACE AVAILABLE FOR PIPE FITTING ENCLOSURE ETC.

DATE OF LAST CHANGE: 4/7/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

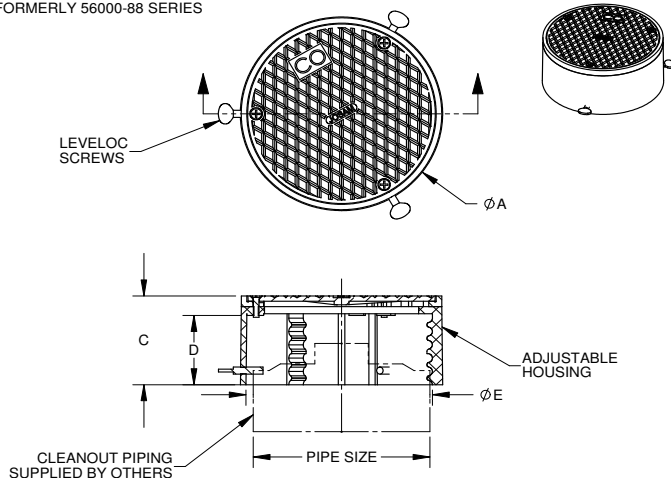
SPECIFICATION:

JOSAM 58580-1 SERIES ABS FLOOR ACCESS HOUSING WITH SCORIATED SECURED ROUND SATIN NIKALOY TOP AND LEVELOC® SCREWS

CLEANOUT
ACCESS HOUSING & COVER

SERIES **58580-1**

FORMERLY 56000-88 SERIES



X	-1	SATIN FINISH NIKALOY TOP
Δ	-1-SD	SPECIAL-DUTY SATIN FINISH NIKALOY TOP
Δ	-1-SQ	SQUARE TOP, SATIN FINISH NIKALOY

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	PIPE SIZE	A	B	C	D	*E
	2"	5-1/8	3-9/16	3-1/4	2-9/16	4
	3"	6-3/4	5-3/16	3-1/4	2-9/16	5-3/4
	4"	6-3/4	5-3/16	3-1/4	2-9/16	5-3/4
	5"	8-15/16	7-3/8	3-1/4	2-9/16	7-15/16
	6"	8-15/16	7-3/8	3-1/4	2-9/16	7-15/16

* MAXIMUM SPACE AVAILABLE FOR PIPE FITTING ENCLOSURE ETC.

DATE OF LAST CHANGE: 4/7/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

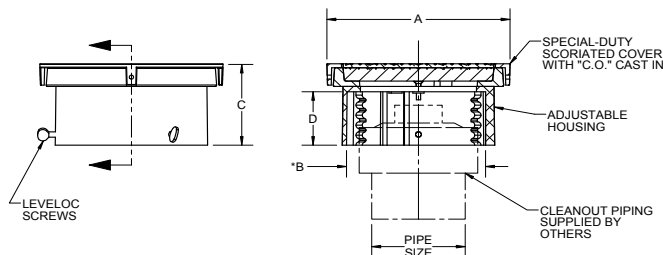
SPECIFICATION:

JOSAM 58580-1-SD SERIES ABS FLOOR ACCESS HOUSING WITH SPECIAL-DUTY SCORRIATED SECURED ROUND LAMINATED SATIN NIKALOY TOP AND LEVELOC® SCREWS

CLEANOUT ACCESS HOUSING & COVER

SERIES **58580-1-SD**

FORMERLY 56060-88-1 SERIES



X	-1	SATIN FINISH NIKALOY TOP
X	-SD	SPECIAL-DUTY TOP, NIKALOY

	PIPE SIZE	A	*B	C	D
	2"	6	3-3/16	4-1/8	2-9/16
	3"	7-5/8	5-3/16	4-1/8	2-9/16
	4"	7-5/8	5-3/16	4-1/8	2-9/16
	5"	9-3/4	7-3/8	4-1/8	2-9/16
	6"	9-3/4	7-3/8	4-1/8	2-9/16

* MAXIMUM SPACE AVAILABLE FOR PIPE FITTING ENCLOSURE ETC.

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

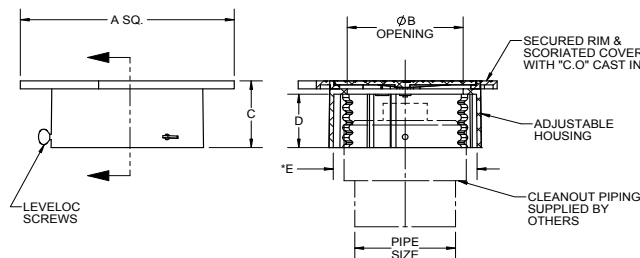
SPECIFICATION:

JOSAM 58580-1-SQ SERIES ABS FLOOR ACCESS HOUSING WITH MEDIUM-DUTY SCORRIATED SECURED SQUARE SATIN NIKALOY TOP AND LEVELOC® SCREWS

CLEANOUT ACCESS HOUSING & COVER

SERIES **58580-1-SQ**

FORMERLY 56020-88 SERIES



X	-1	SATIN FINISH NIKALOY TOP
X	-SQ	SQUARE TOP

	PIPE SIZE	A	B	C	D	*E
	2"	5-3/8	3-9/16	3-1/4	2-9/16	4
	3"	7	5-3/16	3-1/4	2-9/16	5-3/4
	4"	7	5-3/16	3-1/4	2-9/16	5-3/4
	5"	9-1/4	7-3/8	3-1/4	2-9/16	7-15/16
	6"	9-1/4	7-3/8	3-1/4	2-9/16	7-15/16

* MAXIMUM SPACE AVAILABLE FOR PIPE FITTING ENCLOSURE ETC.

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

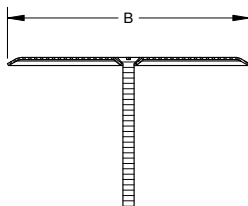
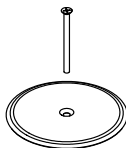
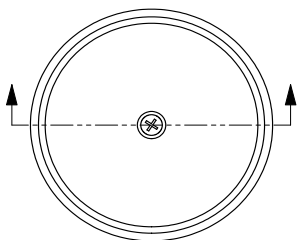
NOTES

SPECIFICATION:

JOSAM 58600 SERIES ROUND 304 STAINLESS STEEL WALL ACCESS COVER WITH SCREW.

CLEANOUT WALL ACCESS COVER

SERIES **58600**



	MODEL	B
<input type="checkbox"/>	58604	5-3/8
<input type="checkbox"/>	58606	8
<input type="checkbox"/>	58608	10

OPTIONS:

▼ SEPARATE SUBMITTAL AVAILABLE

<input type="checkbox"/> -VP	SECURED COVER, VP SCREWS	<input type="checkbox"/> -CO2 ▼	NO-HUB CLEANOUT, 2"
<input type="checkbox"/> -17	CENTER SCREW LONGER (SPECIFY LENGTH)	<input type="checkbox"/> -CO3 ▼	NO-HUB CLEANOUT, 3"
<input type="checkbox"/> -PLG1-1/2 ▼	BRONZE NPT PLUG, 1-1/2"	<input type="checkbox"/> -CO4 ▼	NO-HUB CLEANOUT, 4"
<input type="checkbox"/> -PLG2 ▼	BRONZE NPT PLUG, 2"	<input type="checkbox"/> -CO6 ▼	NO-HUB CLEANOUT, 6"
<input type="checkbox"/> -PLG2-1/2 ▼	BRONZE NPT PLUG, 2-1/2"	<input type="checkbox"/> -31	GALV. CAST IRON PARTS (SPEC. -CO OR -COT)
<input type="checkbox"/> -PLG3 ▼	BRONZE NPT PLUG, 3"	<input type="checkbox"/> -COT2 ▼	NO-HUB CLEANOUT TEE, 2"
<input type="checkbox"/> -PLG3-1/2 ▼	BRONZE NPT PLUG, 3-1/2"	<input type="checkbox"/> -COT3 ▼	NO-HUB CLEANOUT TEE, 3"
<input type="checkbox"/> -PLG4 ▼	BRONZE NPT PLUG, 4"	<input type="checkbox"/> -COT4 ▼	NO-HUB CLEANOUT TEE, 4"
<input type="checkbox"/> -PLG5 ▼	BRONZE NPT PLUG, 5"	<input type="checkbox"/> -COT6 ▼	NO-HUB CLEANOUT TEE, 6"
<input type="checkbox"/> -PLG6 ▼	BRONZE NPT PLUG, 6"		
<input type="checkbox"/> -20	RAISED HEAD PLUG (SPECIFY -PLG#)		

DATE OF LAST CHANGE: 01/21/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

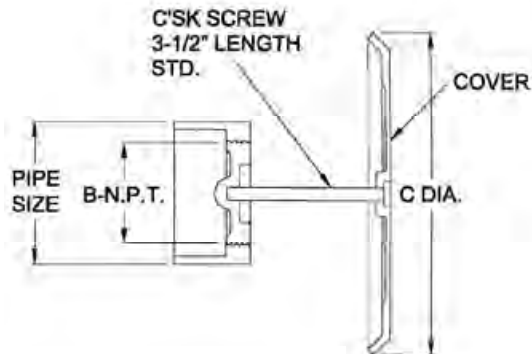
SPECIFICATION:

JOSAM 58600-CO SERIES ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW AND NO-HUB CLEANOUT.

CLEANOUT WALL ACCESS COVER W/ CLEANOUT

SERIES **58600-CO**

FORMERLY 58710 SERIES



TYPE NO.	PIPE SIZE	B	C
58604-CO2	2"	1-1/2	5-3/8
58604-CO3	3"	2-1/2	5-3/8
58604-CO4	4"	3-1/2	5-3/8
58606-CO6	6"	5-1/2	8



- VP SECURED COVER, VANDAL-PROOF SCREWS
- CO NO-HUB CLEANOUT (SPECIFY PIPE SIZE)
- 17 CENTER SCREW LONGER THAN STANDARD
- 20 RAISED HEAD BRONZE PLUG
- 31 GALVANIZED CAST IRON PARTS

DRAWING No. 08/01/13

A-14490-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

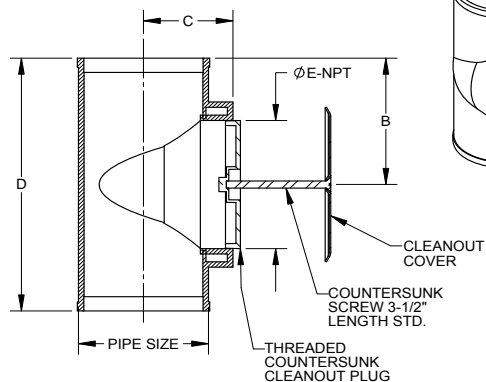
JOSAM 58600-COT SERIES ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW AND NO-HUB CLEANOUT TEE.

CLEANOUT

WALL ACCESS COVER WITH CLEANOUT TEE

SERIES **58600-COT**

FORMERLY 58790 SERIES



PIPE SIZE	B	C	D	E	F
2"	3-3/16"	2	6-3/8	2	5-3/8
3"	3-7/8"	2-11/16	7-3/4	3	5-3/8
4"	4-7/16"	3	8-7/8	4	5-3/8
6"	6-1/4"	5	12-1/2	6	7-5/8

	-VP	SECURED COVER, VANDAL-PROOF SCREWS
X	-COT	NO-HUB CLEANOUT TEE
	-17	CENTER SCREW LONGER THAN STANDARD
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

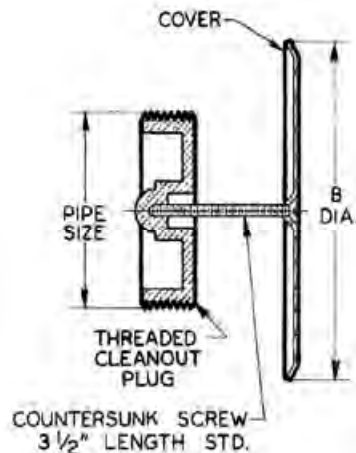
JOSAM 58600-PLG SERIES ROUND STAINLESS STEEL WALL ACCESS COVER WITH SCREW AND THREADED NPT BRONZE PLUG.

CLEANOUT

WALL ACCESS COVER W/ PLUG

SERIES **58600-PLG**

FORMERLY 58890 SERIES



	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-PLG	BRONZE NPT PLUG (SPECIFY PLUG SIZE)
	-17	CENTER SCREW LONGER THAN STANDARD
	-20	RAISED HEAD BRONZE PLUG

TYPE NO.	PIPE SIZE	B
58604-PLG1-1/2	1-1/2	5-3/8
58604-PLG2	2	5-3/8
58604-PLG2-1/2	2-1/2	5-3/8
58604-PLG3	3	5-3/8
58604-PLG3-1/2	3-1/2	5-3/8
58606-PLG4	4	8
58606-PLG5	5	8
58606-PLG6	6	8

DRAWING No. 08/01/13

A-07781-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

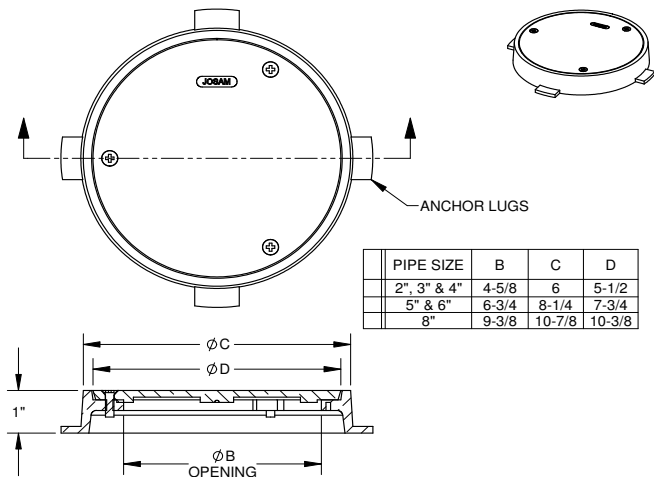
NOTES:

SPECIFICATION:

JOSAM 58610 SERIES ROUND CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS AND SATIN SMOOTH SECURED COVER.

CLEANOUT
WALL OF FLOOR ACCESS
COVER

SERIES **58610**



PIPE SIZE	B	C	D
2", 3" & 4"	4-5/8	6	5-1/2
5" & 6"	6-3/4	8-1/4	7-3/4
8"	9-3/8	10-7/8	10-3/8

Δ	-2	SATIN FINISH BRONZE
Δ	-10	SCORIATED COVER
Δ	-14	CARPET CLEANOUT MARKER
Δ	-VP	SECURED COVER, VANDAL-PROOF SCREWS
*	-CO2	NO-HUB CLEANOUT, 2"
*	-CO3	NO-HUB CLEANOUT, 3"
Δ	-CO4	NO-HUB CLEANOUT, 4"
Δ	-CO6	NO-HUB CLEANOUT, 6"
Δ	-20	RAISED HEAD BRONZE PLUG
Δ	-31	GALVANIZED CAST IRON PARTS
Δ	-COT2	NO-HUB CLEANOUT TEE, 2"
Δ	-COT3	NO-HUB CLEANOUT TEE, 3"
Δ	-COT4	NO-HUB CLEANOUT TEE, 4"
Δ	-COT6	NO-HUB CLEANOUT TEE, 6"

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*SPECIFY -CO OR -COT

DATE OF LAST CHANGE: 4/7/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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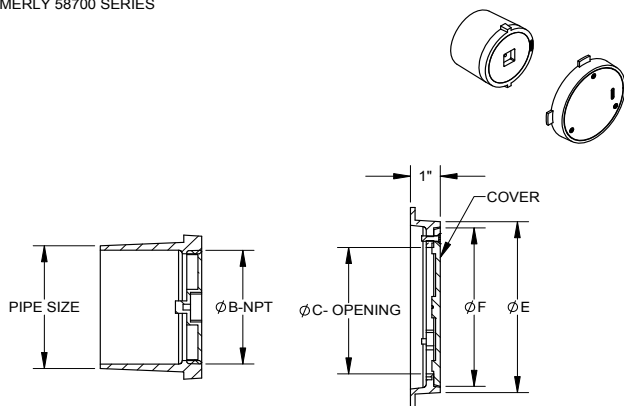
JOSAM 58610-CO SERIES ROUND CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS AND SATIN SMOOTH SECURED COVER AND NO-HUB CLEANOUT.

CLEANOUT

WALL OR FLOOR ACCESS COVER
WITH CLEANOUT

SERIES **58610-CO**

FORMERLY 58700 SERIES



	TYPE NO.	PIPE SIZE	B	C	E	F
	58614-CO2	2"	1-1/2	4-5/8	6	5-1/2
	58614-CO3	3"	2-1/2	4-5/8	6	5-1/2
	58614-CO4	4"	3-1/2	4-5/8	6	5-1/2
	58616-CO5	6"	5-1/2	6-3/4	8-1/4	7-3/4

X	-CO	NO-HUB CLEANOUT (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-10	SCORIATED COVER
	-14	CARPET CLEANOUT MARKER
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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SPECIFICATION:

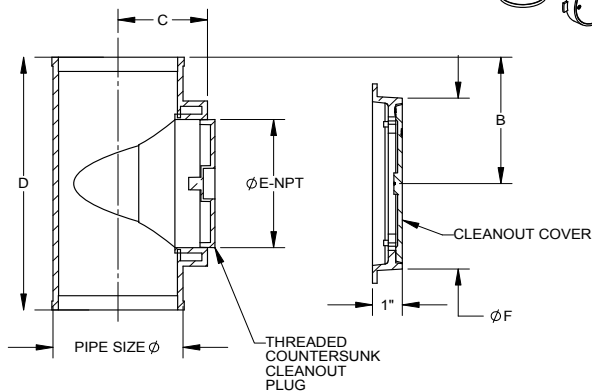
JOSAM 58610-COT SERIES ROUND CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS AND SATIN SMOOTH SECURED COVER AND NO-HUB CLEANOUT TEE.

CLEANOUT

WALL OR FLOOR ACCESS COVER WITH CLEANOUT TEE

SERIES **58610-COT**

FORMERLY 58750 SERIES



TYPE NO.	PIPE SIZE	B	C	D	E	F
58614-COT2	2"	3-3/16"	2	6-3/8	2	6
58614-COT3	3"	3-7/8"	2-11/16	7-3/4	3	6
58614-COT4	4"	4-7/16"	3	8-7/8	4	6
58616-COT6	6"	6-1/4"	5	12-1/2	6	8-1/4

X	-COT	NO-HUB CLEANOUT TEE (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-10	SCORiated COVER
	-14	CARPET CLEANOUT MARKER
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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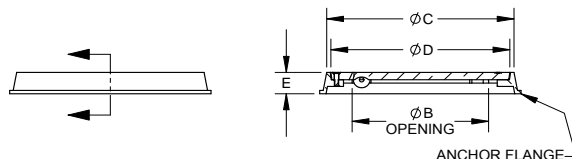
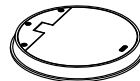
SPECIFICATION:

JOSAM 58620 SERIES ROUND CAST NIKALOY ACCESS FRAME AND ANCHOR FLANGE AND SATIN SMOOTH HINGED COVER.

CLEANOUT

WALL OF FLOOR ACCESS COVER

SERIES **58620**



PIPE SIZE	B	C	D	E
2", 3" & 4"	5-3/8	6-5/8	6-1/4	3/4
5" & 6"	6-7/8	8-3/8	8	1

-VP	SECURED COVER, VANDAL-PROOF SCREWS
-2	SATIN FINISH BRONZE
-10	SCORiated COVER
-14	CARPET CLEANOUT MARKER
-20*	RAISED HEAD BRONZE PLUG
-31*	GALVANIZED CAST IRON PARTS
-CO2	NO-HUB CLEANOUT, 2"
-CO3	NO HUB CLEANOUT, 3"
-CO4	NO-HUB CLEANOUT, 4"
-CO6	NO-HUB CLEANOUT, 6"
-COT2	NO-HUB CLEANOUT TEE, 2"
-COT3	NO-HUB CLEANOUT TEE, 3"
-COT4	NO-HUB CLEANOUT TEE, 4"
-COT6	NO-HUB CLEANOUT TEE, 6"

*SPECIFY -CO OR -COT

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

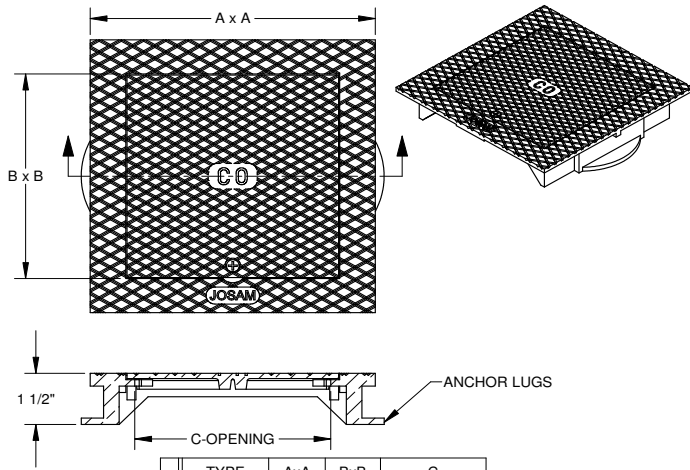
NOTES

SPECIFICATION:

JOSAM 58630 SERIES SQUARE CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS AND SATIN SCORIATED SECURED HINGED COVER.

CLEANOUT
WALL OF FLOOR ACCESS COVER

SERIES **58630**



	TYPE	AxA	BxB	C
	58631	8x8	6x6	5-1/2x5-1/2
	58632	12x12	10x10	9-1/2x9-1/2

	-2	SATIN FINISH BRONZE
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
Δ	-CO2	NO-HUB CLEANOUT, 2"
Δ	-CO3	NO-HUB CLEANOUT, 3"
Δ	-CO4	NO-HUB CLEANOUT, 4"
Δ	-CO6	NO-HUB CLEANOUT, 6"
*	-20	RAISED HEAD BRONZE PLUG
*	-31	GALVANIZED CAST IRON PARTS
	-COT2	NO-HUB CLEANOUT TEE, 2"
Δ	-COT3	NO-HUB CLEANOUT TEE, 3"
Δ	-COT4	NO-HUB CLEANOUT TEE, 4"
Δ	-COT6	NO-HUB CLEANOUT TEE, 6"

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE *SPECIFY -CO OR -COT

DATE OF LAST CHANGE: 4/7/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

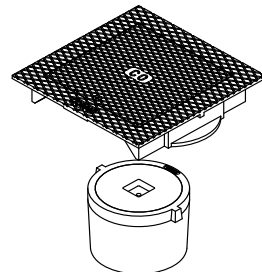
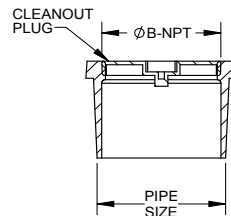
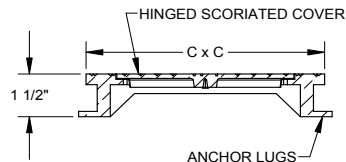
JOSAM 58630-CO SERIES CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS, SATIN SCORIATED SECURED HINGED COVER AND NO-HUB CLEANOUT.

CLEANOUT

WALL OR FLOOR ACCESS COVER WITH CLEANOUT

SERIES **58630-CO**

FORMERLY 58730 SERIES



	TYPE NO.	PIPE SIZE	B	C x C
	58631-CO2	2"	1-1/2	8 x 8
	58631-CO3	3"	2-1/2	8 x 8
	58631-CO4	4"	3-1/2	8 x 8
	58632-CO6	6"	5-1/2	12 x 12

X	-CO	NO-HUB CLEANOUT (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

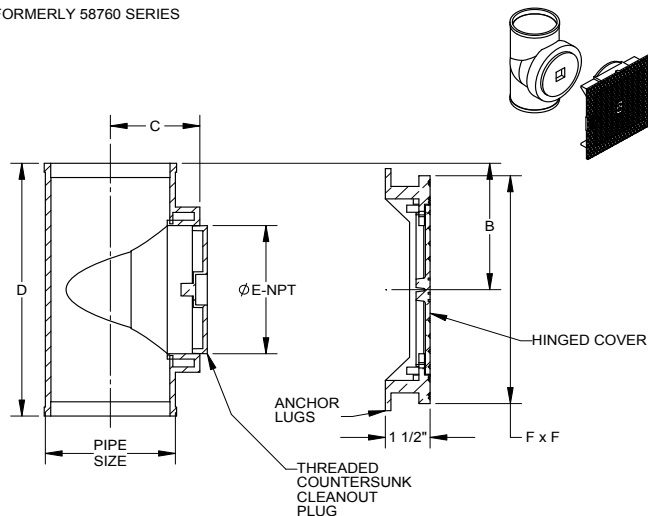
JOSAM 58630-COT SERIES SQUARE CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS, SATIN SCORIATED SECURED HINGED COVER AND NO-HUB CLEANOUT TEE.

CLEANOUT

WALL OR FLOOR ACCESS COVER WITH CLEANOUT TEE

SERIES **58630-COT**

FORMERLY 58760 SERIES



TYPE NO.	PIPE SIZE	B	C	D	E	F x F
58631-COT2	2"	3-3/16"	2	6-3/8	2	8 x 8
58631-COT3	3"	3-7/8"	2-11/16	7-3/4	3	8 x 8
58631-COT4	4"	4-7/16"	3	8-7/8	4	8 x 8
58632-COT6	6"	6-1/4"	5	12-1/2	6	12 x 12

X	-COT	NO-HUB CLEANOUT TEE (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

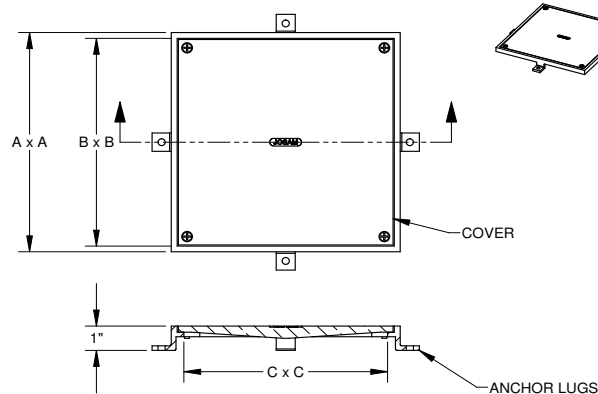
SPECIFICATION:

JOSAM 58640 SERIES SQUARE CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS AND SATIN SMOOTH SECURED COVER.

CLEANOUT

WALL OF FLOOR ACCESS COVER

SERIES **58640**



TYPE	AxA	BxB	C
58642	7x7	6-1/2x6-1/2	6x6
58644	9x9	8-1/2x8-1/2	8x8
58646	10x10	9-1/2x9-1/2	9x9

-2	SATIN FINISH BRONZE
-10	SCORIATED COVER
-VP	SECURED COVER, VANDAL-PROOF SCREWS
-CO2	NO-HUB CLEANOUT, 2"
-CO3	NO HUB CLEANOUT, 3"
-CO4	NO-HUB CLEANOUT, 4"
-CO6	NO-HUB CLEANOUT, 6"
-20	RAISED HEAD BRONZE PLUG
-31	GALVANIZED CAST IRON PARTS
-COT2	NO-HUB CLEANOUT TEE, 2"
-COT3	NO-HUB CLEANOUT TEE, 3"
-COT4	NO-HUB CLEANOUT TEE, 4"
-COT6	NO-HUB CLEANOUT TEE, 6"

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*SPECIFY -CO OR -COT

DATE OF LAST CHANGE: 4/7/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

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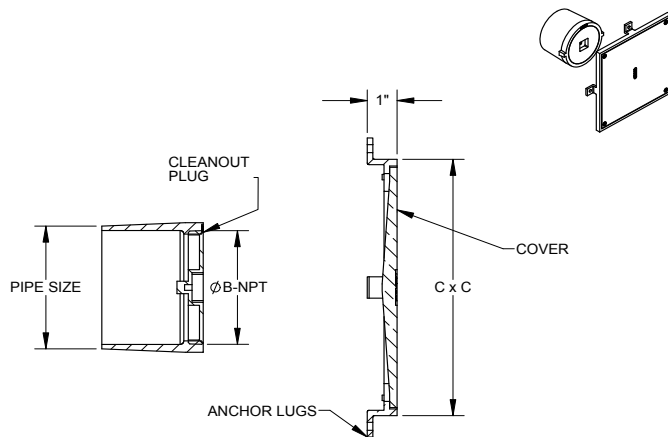
JOSAM 58640-CO SERIES SQUARE CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS, SATIN SMOOTH SECURED COVER AND NO-HUB CLEANOUT.

CLEANOUT

WALL ACCESS COVER
WITH CLEANOUT

SERIES **58640-CO**

FORMERLY 58740 SERIES



TYPE NO.	PIPE SIZE	B	C x C
58642-CO2	2"	1-1/2	7 x 7
58642-CO3	3"	2-1/2	7 x 7
58642-CO4	4"	3-1/2	7 x 7
58644-CO6	6"	5-1/2	9 x 9

X	-CO	NO-HUB CLEANOUT (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-10	SCORiated COVER
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

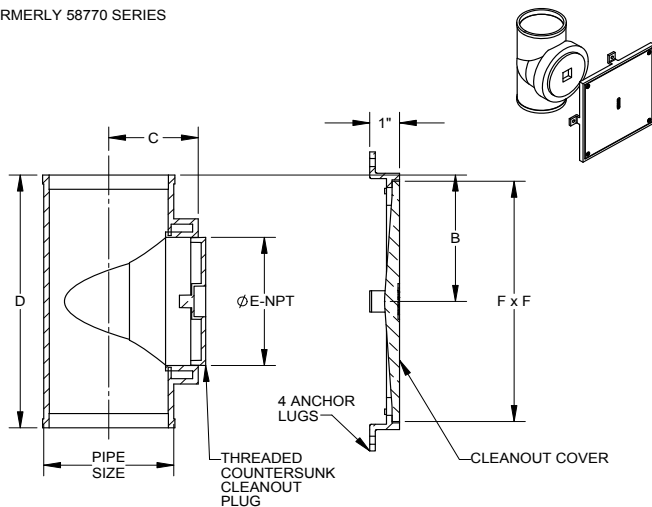
JOSAM 58640-COT SERIES SQUARE CAST NIKALOY ACCESS FRAME AND ANCHOR LUGS, SATIN SMOOTH SECURED COVER AND NO-HUB CLEANOUT TEE.

CLEANOUT

WALL ACCESS COVER
WITH CLEANOUT TEE

SERIES **58640-COT**

FORMERLY 58770 SERIES



TYPE NO.	PIPE SIZE	B	C	D	E	F x F
58642-COT2	2"	3-3/16	1-3/4	6-3/8	2	7 x 7
58642-COT3	3"	3-7/8	2-1/2	7-3/4	3	7 x 7
58642-COT4	4"	4-7/16	3-1/2	8-7/8	4	7 x 7
58644-COT6	6"	6-1/4	4-1/2	12-1/2	6	9 x 9

X	-COT	NO-HUB CLEANOUT TEE (SPECIFY PIPE SIZE)
	-VP	SECURED COVER, VANDAL-PROOF SCREWS
	-2	SATIN FINISH BRONZE
	-10	SCORiated COVER
	-20	RAISED HEAD BRONZE PLUG
	-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

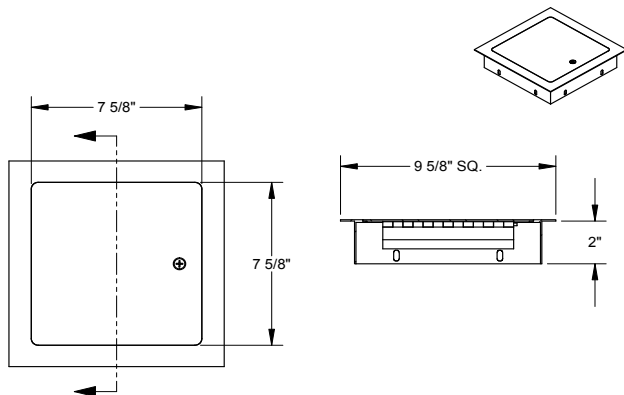
NOTES

SPECIFICATION:

JOSAM 58666 SERIES SQUARE STAINLESS STEEL ACCESS
FRAME, ANCHOR SLOTS AND HINGED SMOOTH SECURED
COVER.

CLEANOUT WALL ACCESS COVER

SERIES

58656

-20*	RAISED HEAD BRONZE PLUG
-31*	GALVANIZED CAST IRON PARTS
-CO2	NO-HUB CLEANOUT, 2"
-CO3	NO-HUB CLEANOUT, 3"
-CO4	NO-HUB CLEANOUT, 4"
-CO6	NO-HUB CLEANOUT, 6"
-COT2	NO-HUB CLEANOUT TEE, 2"
-COT3	NO-HUB CLEANOUT TEE, 3"
-COT4	NO-HUB CLEANOUT TEE, 4"
-COT6	NO-HUB CLEANOUT TEE, 6"

* SPECIFY -CO OR -COT

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

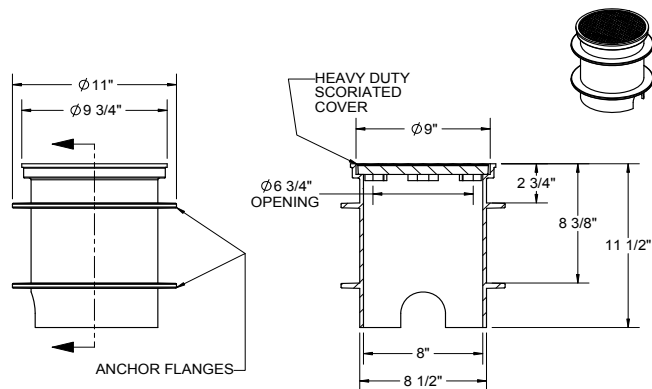
NOTES

SPECIFICATION:

JOSAM 58680 SERIES ROUND COATED CAST IRON ACCESS
FRAME WITH ANCHOR FLANGES AND HEAVY-DUTY SCORiated
SECURED COVER.

CLEANOUT ACCESS COVER

SERIES

58680

SPECIAL WORDING ON COVER
SAN OR STORM
(SPECIFY ON ORDER)

-VP	SECURED COVER, VANDAL-PROOF SCREWS
-5	DUCTILE IRON COVER
-20	RAISED HEAD BRONZE PLUG
-26	GASKETED COVER
-31	GALVANIZED CAST IRON PARTS
-CO2	NO-HUB CLEANOUT, 2"
-CO3	NO-HUB CLEANOUT, 3"
-CO4	NO-HUB CLEANOUT, 4"
-CO6	NO-HUB CLEANOUT, 6"

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

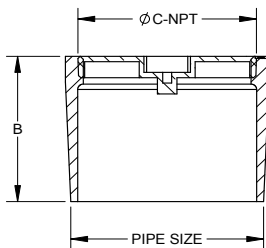
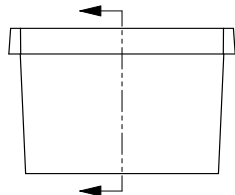
NOTES

SPECIFICATION:

JOSAM 58900 SEREIS COATED CAST IRON CLEANOUT FERRULE
WITH NO-HUB CONNECTION AND BRONZE COUNTERSUNK PLUG.

CLEANOUT
NO-HUB CLEANOUT FERRULE

SERIES **58900**



PIPE SIZE	B	C
2"	1 3/4"	1-1/2"
3"	1 3/4"	2-1/2"
4"	3 7/16"	3-1/2"
6"	3 9/16"	5"

-19	PLUG TAPPED FOR CENTER SCREW
-20	RAISED HEAD BRONZE PLUG
-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

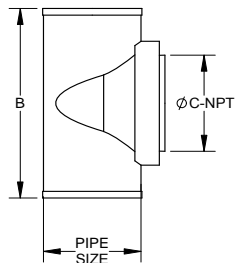
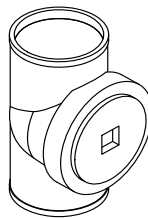
NOTES

SPECIFICATION:

JOSAM 58910 SERIES COATED CAST IRON CLEANOUT TEE WITH
NO-HUB CONNECTION AND BRONZE COUNTERSUNK PLUG.

CLEANOUT
**NO-HUB CLEANOUT TEE
WITH PLUG**

SERIES **58910**



PIPE SIZE	B	C
2"	6-3/8	2
3"	7-3/4	3
4"	8-7/8	4
6"	12-1/2	6

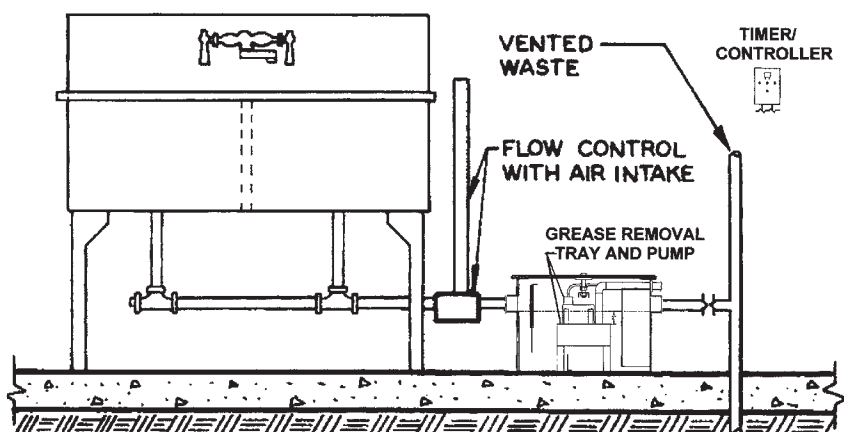
-19	PLUG TAPPED FOR CENTER SCREW
-20	RAISED HEAD BRONZE PLUG
-31	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

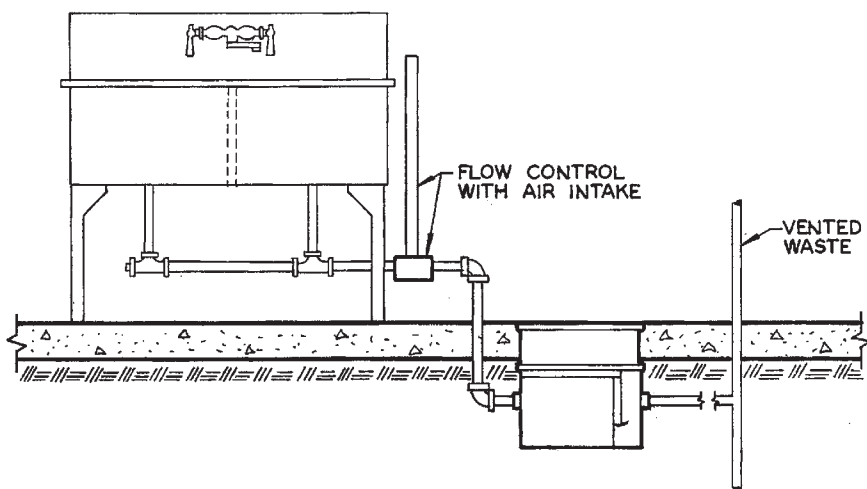
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

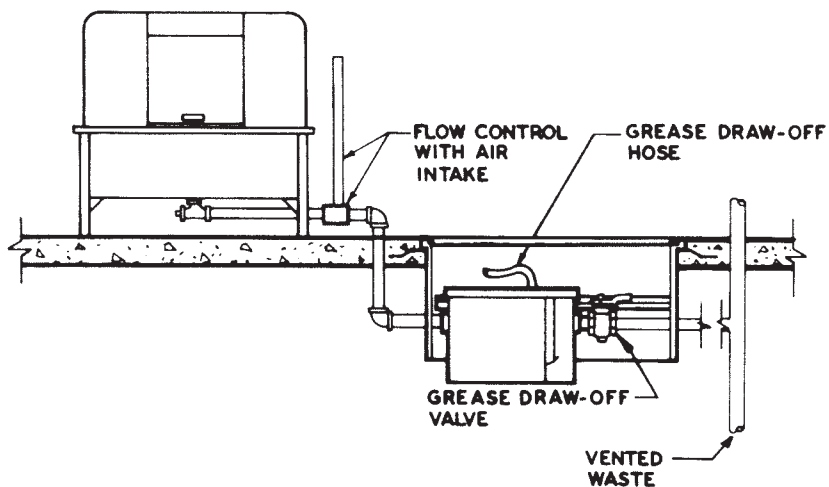
NOTES



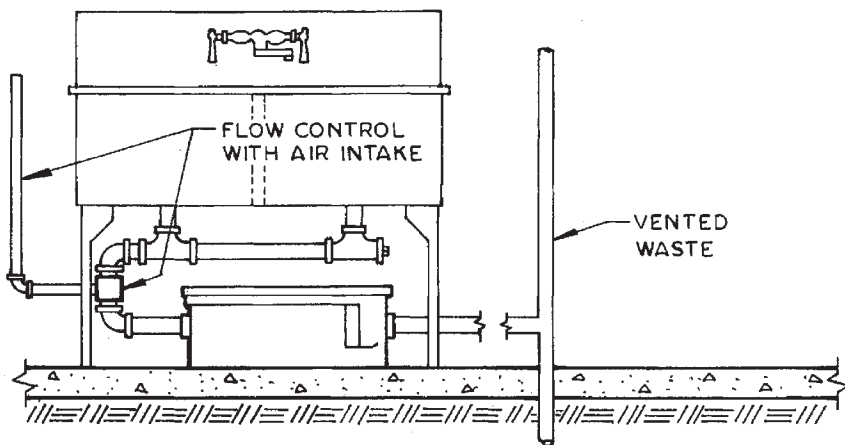
60100H-GRD Series Interceptor on floor, servicing a sink, shown installed with an optional -GRD Grease Removal Device.



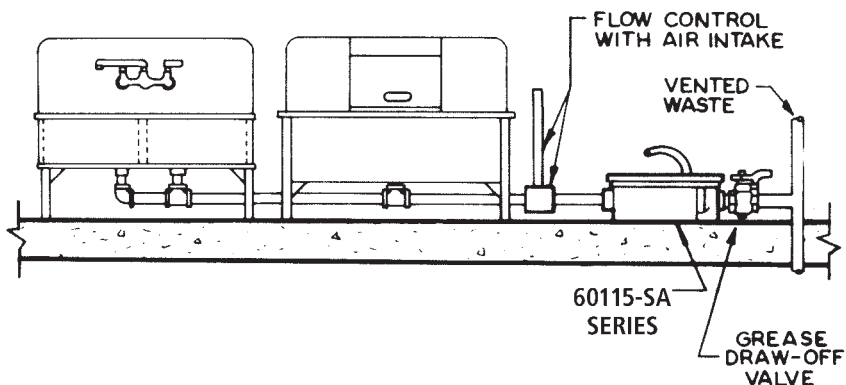
60100H-EXT Series Interceptor recessed with deep roughing extended flush with floor.



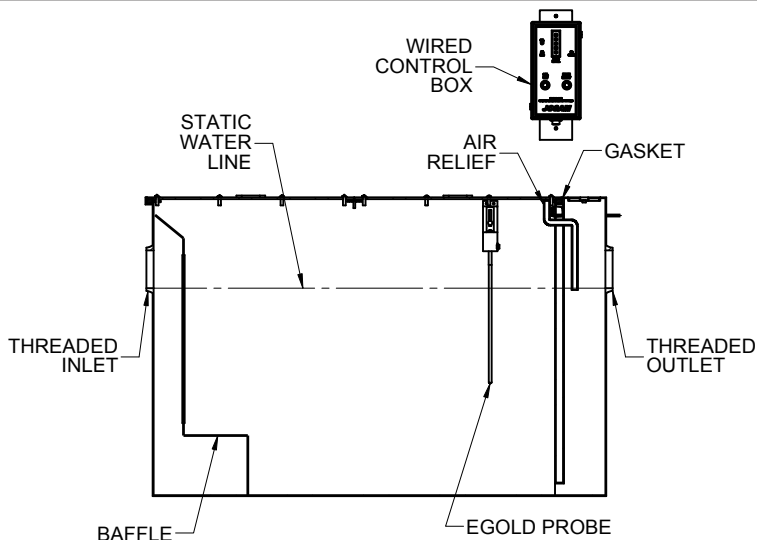
60100-SA-RT Series Semi-Automatic Interceptor recessed flush with floor, servicing a dishwasher.



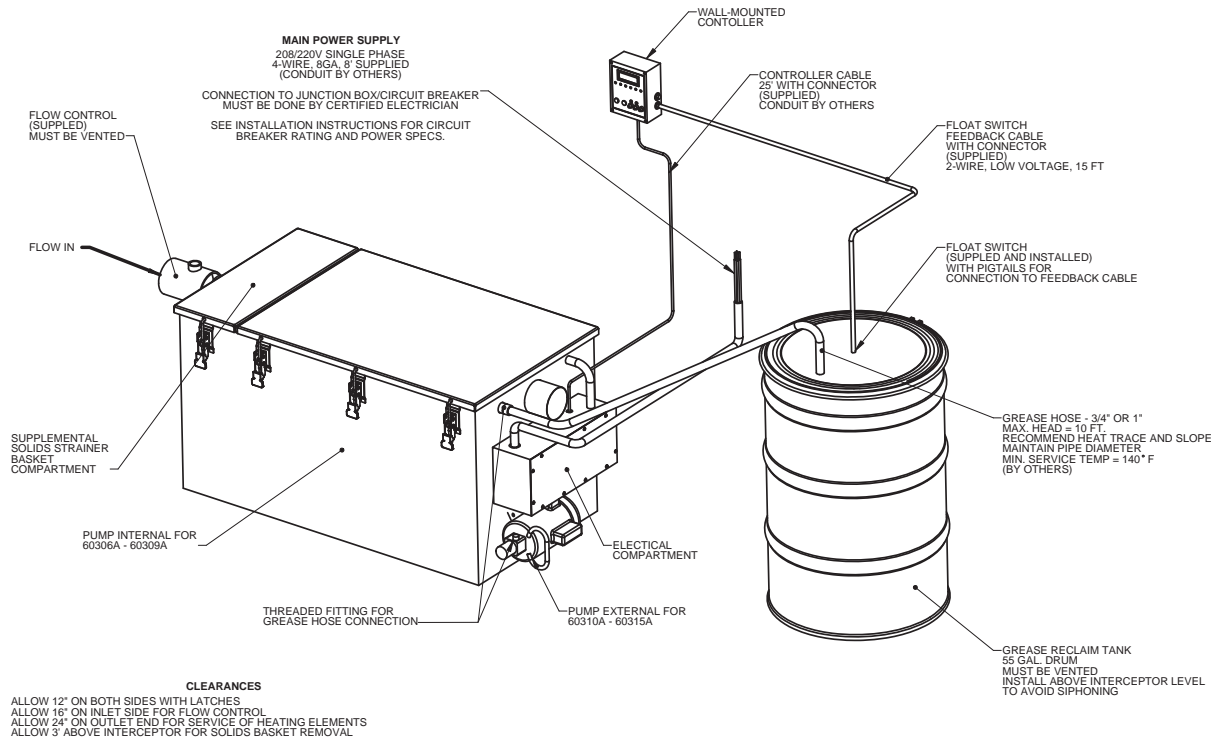
60115A Series Interceptor installed on floor under sink.
(Recommended only if there is adequate head room for cover removal and service.)



60115-SA Series Semi-Automatic shallow Interceptor installed on floor, servicing a double compartment sink and dishwasher.



60210A-EGOLD Series Interceptor with factory installed Josam EGOLD-1000 Electronic Grease/Oil Level Detector for installation in high volume applications such as hotels, hospitals and schools.

**INSTALLATION****60300 Series, GI 2000A****Automatic Grease Recovery Device**

FLOW CONTROLS • ESSENTIAL FOR MAXIMUM EFFICIENCY

Flow control fittings are furnished at no extra cost with all JOSAM Interceptors and Separators. These devices govern flow rate to the interceptor or separator being used, thereby assuring the maximum retention of the material being intercepted.

The appropriate flow control will be shipped with every JOSAM Grease Interceptor or Oil Separator. They were designed after many years of tests and field experiments with interceptor installations under varying conditions and ensure 90% or more grease or oil retention efficiency of the interceptor.

When consideration isn't given to the flow rate of the waste water to be handled, generally the actual flow rate through the interceptor or separator exceeds its rated maximum. With such flow rate, the interceptor or separator would be overloaded. Retention time within the unit would not be sufficient for maximum separation. The result would be low efficiency and pollutants left in the waste water would pass through the interceptor or separator making the installation less than effective. When the flow is controlled by use of a JOSAM flow control fitting so that it can never exceed the maximum rating of the interceptor or separator, and the unit is cleaned on a regular basis, the maximum pollutant retention efficiency will be achieved and maintained.

All flow controls are provided with an air intake and should be connected to vent stack or vent not lower than the flow level of highest drain serviced or terminated in a return bend at the same elevation outside of building.

This table indicates which series flow control is furnished with the JOSAM interceptors or separators shown.

FLOW CONTROLS					
Series	Flow Control Series	Series	Flow Control Series	Series	Flow Control Series
60100-SA	60730	60110A	60730	60210A*	60710
60110-SA	60730	60100H-EXT	60740	60500B	60740
60100-SA-RT	60730	60100H-RT	60740	60500B-EXT	60740
60100-SA-ET	60730	60100H-ET	60740	60610-EXT*	60710
60100H	60740	60210A-EXT*	60710	60610A*	60710

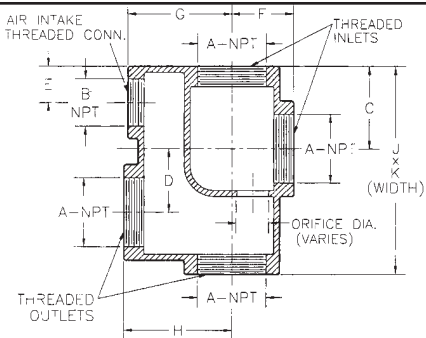
* All interceptors or separators in this series with a flow rate of 150 G.P.M. or less are shipped with a 60733 & 60734 Type Flow Control.

DIMENSIONS IN INCHES											
Type	A	B	C	D	E	F	G	H	J	K	LBS.
60712	2	1-1/4	2-1/2	2	1-1/8	2	3-1/4	3-3/8	6-1/2	3	7
60713	3	1-1/2	3	2-7/8	1-3/8	2-3/4	4-1/8	4-1/2	8-5/8	4-1/4	14
60714	4	2-1/2	3-3/4	4-1/8	1-7/8	4-1/4	6-1/2	6-7/8	12	6-7/8	52
60715	5	2-1/2	3-3/4	4-1/8	1-7/8	4-1/4	6-1/2	6-7/8	12	6-7/8	54
60716	6	3	4-3/8	5-1/8	2-1/8	4-3/4	7-7/8	8	14-1/4	8	85

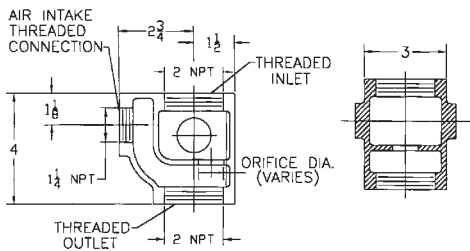
TYPES OF FLOW CONTROLS

60710 TYPE

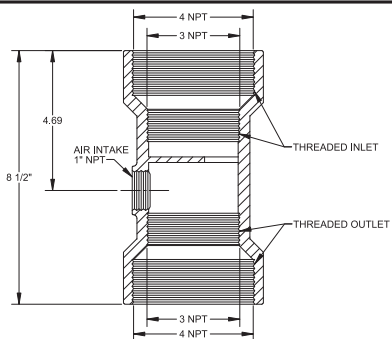
Two Bronze Plugs Furnished for unused
Inlet & Outlet to serve as Cleanouts



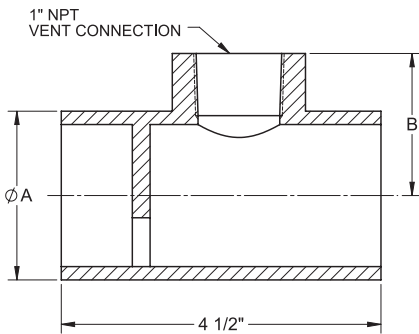
60732 TYPE



60733 & 60734 TYPE



60742 & 60743 TYPE



	A	B
60742	2-3/8	2
60743	3-3/8	2-1/2

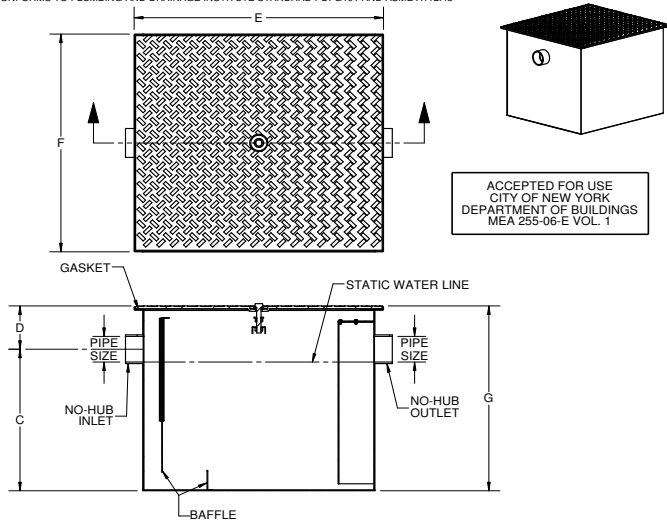
SPECIFICATION:

JOSAM 60100H SERIES ACID-RESISTING EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER AND FLOW CONTROL FITTING.

**GREASE INTERCEPTOR
MANUAL TYPE**

SERIES **60100H**

CONFORMS TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-G101 AND ASME A112.43



Δ	LEGEND	GREASE/OIL LEVEL DETECTOR (15-100GPM SIZES)	TYPE	FLOW (GPM)	CAP. (LBS.)	PIPE SIZE	C	D	E	F	G
Δ	-SS	STAINLESS STEEL INTERCEPTOR	60102H	7	14	2	8-1/4	3-3/8	14-7/8	13	11-5/8
Δ	-GRD	GREASE REMOVAL DEVICE (TIMER)	60103H	10	20	2	8-1/2	3-3/8	16-5/8	14-1/2	11-7/8
	-40	COVER RECESS FOR FLOOR FINISH	60104H	15	30	2	9-1/2	3-3/8	20-3/8	17	12-7/8
	-61	FLANGE AND CLAMP DEVICE	60105H	20	40	3	12	4-7/8	20-7/8	19	16-7/8
	-85	ENZYMATIC PORT IN COVER	60106H	25	50	3	13	4-7/8	23-3/8	21-1/2	17-3/8
Δ	-ISI	INTEGRATED SOLIDS INTERCEPTOR	60107H	35	70	3	14-1/2	4-7/8	26-1/8	23	19-3/8
Δ	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)	60108H	50	100	3	16-1/2	4-7/8	27-7/8	25-1/2	21-3/8
Δ	-RT	RECESSED TYPE	60109H	75	150	3	21	6	41	31	27
Δ	-ET	ENCLOSED TYPE	60110H	100	200	4	23	8	47	35	31
Δ	-HD	HEAVY-DUTY COVER									

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 7/25/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

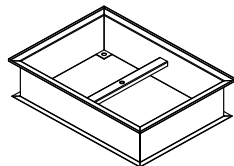
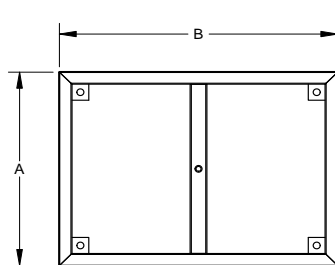
NOTES

SPECIFICATION:

JOSAM SERIES 60100H-BXT EPOXY COATED FABRICATED STEEL BOLT-ON EXTENSION FOR 60100H SERIES INTERCEPTORS WITH RUBBER GASKET THAT ALLOWS RE-USE OF COVER SHIPPED WITH STANDARD UNIT.

**GREASE INTERCEPTOR
BOLT-ON EXTENSION**

SERIES **60100H-BXT**



SPECIFY "C"

C = _____



MODEL	A	B
60102H-BXT	13	14-7/8
60103H-BXT	14-1/2	16-5/8
60104H-BXT	17	20-3/8
60105H-BXT	19	20-7/8
60106H-BXT	21-1/2	23-3/8
60107H-BXT	23	26-1/8
60108H-BXT	25-1/2	27-7/8
60109H-BXT	31	41
60110H-BXT	35	47

DATE OF LAST CHANGE: 08/05/10

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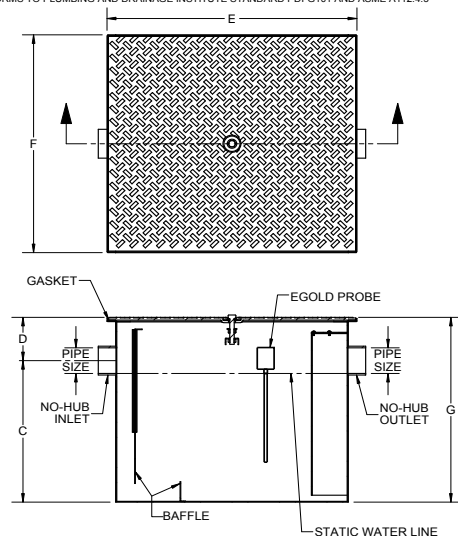
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

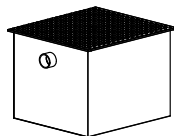
JOSAM 60100H-EGOLD SERIES ACID-RESISTING EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER AND FLOW CONTROL FITTING AND PROVIDED WITH EGOLD-1000 GREASE LEVEL SENSING PROBE AND WALL BOX WITH ALARM.

CONFORMS TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-G101 AND ASME A112.4.3

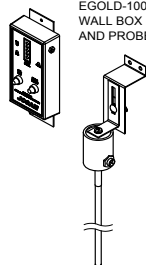
**GREASE INTERCEPTOR**

GREASE LEVEL SENSING
AND ALARM

SERIES **60100H-EGOLD**



EGOLD-1000
WALL BOX
AND PROBE



X	-EGOLD	GREASE LEVEL DETECTOR
	-SS	STAINLESS STEEL INTERCEPTOR
	-61	FLANGE AND CLAMP DEVICE
	-ISI	INTEGRATED SOLIDS INTERCEPTOR
	-EXT	EXTENSION, 6" STD. (SPECIFY EXT. HT.)
	-HD	HEAVY-DUTY COVER

	TYPE	FLOW (GPM)	CAP. (LBS.)	PIPE SIZE	C	D	E	F	G
	60104H	15	30	2	9-1/2	3-3/8	20-3/8	17	12-7/8
	60105H	20	40	3	12	4-7/8	20-7/8	19	16-7/8
	60106H	25	50	3	13	4-7/8	23-3/8	21-1/2	17-3/8
	60107H	35	70	3	14-1/2	4-7/8	26-1/8	23	19-3/8
	60108H	50	100	3	16-1/2	4-7/8	27-7/8	25-1/2	21-3/8
	60109H	75	150	3	21	6	41	31	27
	60110H	100	200	4	23	8	47	35	31

DATE OF LAST CHANGE: 04/30/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

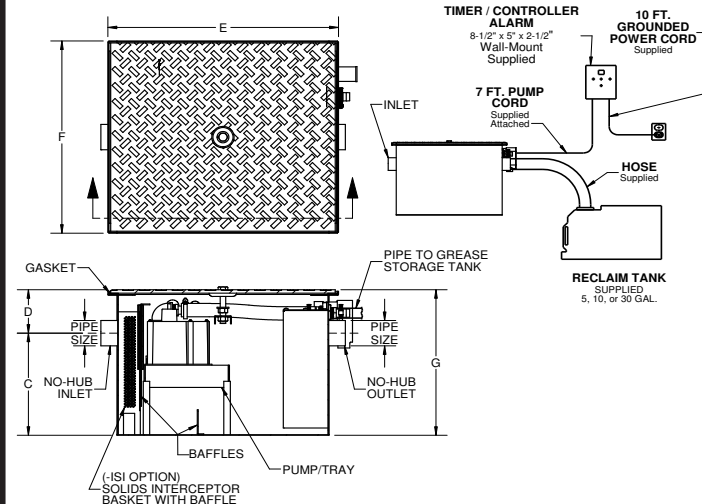
SPECIFICATION:

JOSAM 60100H-GRD SERIES EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID CENTER BOLT COVER, FLOW CONTROL FITTING AND PDI SEAL OF APPROVAL (60104-60108 SIZES), ADJUSTABLE TIMER (1-99 DAYS), CONTROLS INTERNAL PUMP FOR REMOVAL OF GREASE TO FACTORY STORAGE TANK.

GREASE INTERCEPTOR

WITH GREASE REMOVAL
DEVICE

SERIES **60100H-GRD**



-40	COVER RECESS FOR FLOOR FINISH	-HD	HEAVY-DUTY COVER
-61	FLANGE AND CLAMP DEVICE	-SS	STAINLESS STEEL INTERCEPTOR
-EXT	EXTENSION, 6" STANDARD (SPECIFY EXTENSION HEIGHT)	-ISI	SOLIDS INTERCEPTOR BASKET

	TYPE	FLOW RATE	CAP. (LBS.)	PIPE SIZE	C	D	E	F	G
	*60104H-GRD	15	30	2	9-1/2	3-3/8	20-3/8	17	12-7/8
	*60105H-GRD	20	40	3	12	4-7/8	20-7/8	19	16-7/8
	*60106H-GRD	25	50	3	13	4-7/8	23-3/8	21-1/2	17-7/8
	**60107H-GRD	35	70	3	14-1/2	4-7/8	26-1/8	23	19-3/8
	**60108H-GRD	50	100	3	16-1/2	4-7/8	27-7/8	25-1/2	21-3/8
	***60109H-GRD	75	150	3	21	6	41	31	27
	***60110H-GRD	100	200	4	23	8	47	35	31

* 5 Gal. Tank

** 10 Gal. Tank

*** 30 Gal. Tank

DATE OF LAST CHANGE: 8/1/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

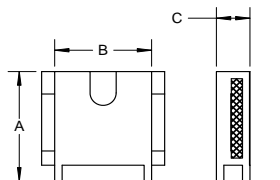
SPECIFICATION:

JOSAM SERIES 60100H-ISI EPOXY COATED STEEL SOLIDS BASKET FOR USE IN SERIES 60100H GREASE INTERCEPTORS. PERFORATED SCREEN ON SIDES AND BOTTOM TO BE Ø5/32" HOLES WITH 62% OPEN AREA.

INTERCEPTOR INTEGRATED SOLIDS BASKET

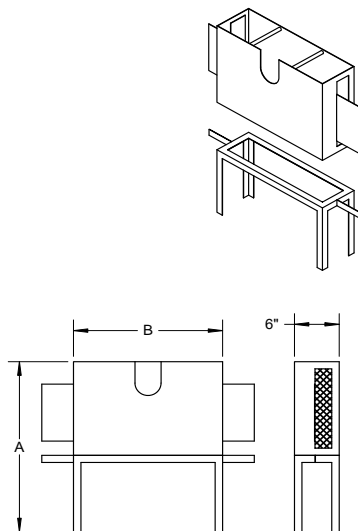
SERIES **60100H-ISI**

FOR 60104H - 60108H



PT. NO.	MODEL	A	B	C
080344	60104H	8	12	2
080345	60105H	12	13	4 1/2
080346	60106H	13	13	4 1/2
080347	60107H	14 1/2	13	4 1/2
080348	60108H	16 1/2	13	4 1/2

FOR 60109H - 60110H
STAND AND BASKET SET



PT. NO.	MODEL	A	B
080349	60109H	24	20
080350	60110H	27	24

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

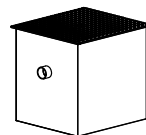
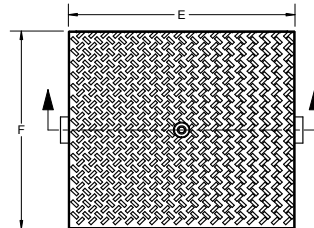
SPECIFICATION:

JOSAM 60100H-EXT SERIES EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, DEEP ROUGHING INTEGRAL EXTENSION FLUSH-WITH-FLOOR TYPE, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER, FLOW CONTROL FITTING AND PDI SEAL OF APPROVAL.

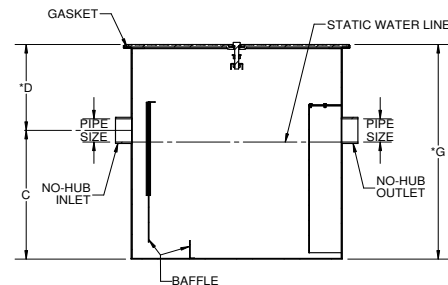
GREASE INTERCEPTOR MANUAL TYPE

SERIES **60100H-EXT**

CONFORMS TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-G101 AND ASME A112.14.3



ACCEPTED FOR USE
CITY OF NEW YORK
DEPARTMENT OF BUILDINGS
MEA 255-06-E VOL. 1



For Custom Extension Height:

Specify "D" Dimension = ____ in.

New "G" Dimension = ____ in.
("C" + "D")

	LEGEND	GREASE/OIL LEVEL DETECTOR (15-100gpm sizes)		TYPE	FLOW (GPM)	CAP. (LBS.)	PIPE SIZE	C	*D	E	F	*G
	-SS	STAINLESS STEEL INTERCEPTOR		60102H-EXT	7	14	2	8-1/4	9-3/8	14-7/8	13	17-5/8
	-GRD	GREASE REMOVAL DEVICE (TIMER)		60103H-EXT	10	20	2	8-1/2	9-3/8	16-5/8	14-1/2	17-7/8
	-40	COVER RECESS FOR FLOOR FINISH		60104H-EXT	15	30	2	9-1/2	9-3/8	20-3/8	17	18-7/8
	-61	FLANGE AND CLAMP DEVICE		60105H-EXT	20	40	3	12	10-7/8	20-7/8	19	22-7/8
	-85	ENZYMATIC PORT IN COVER		60106H-EXT	25	50	3	13	10-7/8	23-3/8	21-1/2	23-3/8
X	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)		60107H-EXT	35	70	3	14-1/2	10-7/8	26-1/8	23	25-3/8
	-ISI	INTEGRATED SOLIDS INTERCEPTOR		60108H-EXT	50	100	3	16-1/2	10-7/8	27-7/8	25-1/2	27-3/8
	-HD	HEAVY-DUTY COVER		60109H-EXT	75	150	3	21	12	41	31	33
				60110H-EXT	100	200	4	23	14	47	35	37

*DIMENSIONS BASED ON STANDARD 6" EXTENSION

DATE OF LAST CHANGE: 7/25/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

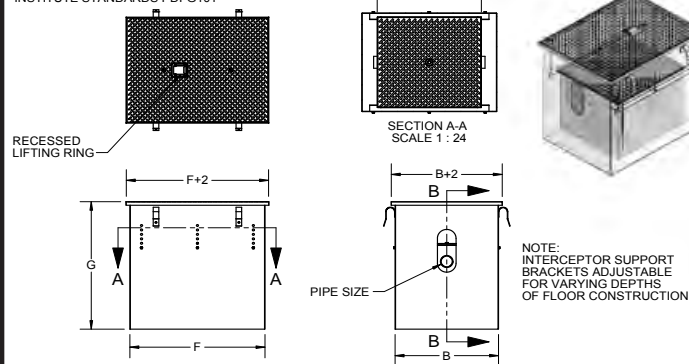
NOTES

SPECIFICATION:

JOSAM 60100H-ET SERIES EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, DEEP ROUGHING FLUSH-WITH-FLOOR TYPE, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER, FLOW CONTROL FITTING, PDI SEAL OF APPROVAL AND STEEL ENCLOSURE CABINET WITH NON-SKID COVER AND ADJUSTABLE INTERCEPTOR CARRIERS BRACKETS.

GREASE INTERCEPTOR
MANUAL ENCLOSED TYPE

 SERIES **60100H-ET**

 CONFORMS TO PLUMBING AND DRAINAGE
 INSTITUTE STANDARDS PDI-G101

 * DIMENSIONS BASED ON INTERCEPTOR IN POSITION #6
 SUBTRACT 1-1/4" PER EACH SUCCEEDING HIGHER POSITION

-EGOLD	ELECTRONIC GREASE/OIL LEVEL DETECTOR
-40	COVER RECESS FOR FLOOR FINISH
-61	FLANGE AND CLAMP DEVICE
-85	ENZYMATIC PORT IN COVER
-ISI	INTEGRATED SOLIDS INTERCEPTOR
X -ET	ENCLOSED TYPE
-HD	HEAVY-DUTY COVER

TYPE	FLOW RATE	CAP (LBS)	PIPE SIZE	B	C	D*	E	F	G
60102H-ET	7	14	2	15	8-1/4	8-3/4	14-7/8	23	25-3/4
60103H-ET	10	20	2	16-1/2	8-1/2	8-3/4	16-5/8	24-3/4	26
60104H-ET	15	30	2	19	9-1/2	8-3/4	20-3/8	28-1/2	27
60105H-ET	20	40	3	21	12	10-1/4	20-7/8	29	31
60106H-ET	25	50	3	23-1/2	13	10-1/4	23-3/8	31-1/2	32
60107H-ET	35	70	3	25	14-1/2	10-1/4	26-1/8	34-1/4	33-1/2
60108H-ET	50	100	3	27-1/2	16-1/2	10-1/4	27-7/8	36	35-1/2
60109H-ET	75	150	3	33	21	11-3/8	41	49-1/8	41-1/8
60110H-ET	100	200	4	37	23	13-3/8	47	55-1/8	45-1/8

DATE OF LAST CHANGE: 4/24/15

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
 WE CAN ASSUME NO RESPONSIBILITY FOR
 USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

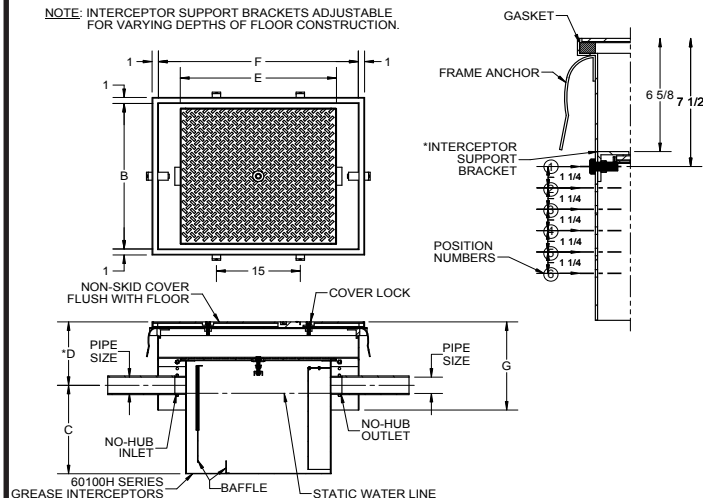
SPECIFICATION:

JOSAM 60100H-RT SERIES EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, DEEP ROUGHING FLUSH-WITH-FLOOR TYPE, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER, FLOW CONTROL FITTING, PDI SEAL OF APPROVAL AND STEEL FRAME WITH NON-SKID COVER AND ADJUSTABLE INTERCEPTOR CARRIER BRACKETS.

GREASE INTERCEPTOR
MANUAL RECESSED TYPE

 SERIES **60100H-RT**

CONFORMS TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-G101.

 NOTE: INTERCEPTOR SUPPORT BRACKETS ADJUSTABLE
 FOR VARYING DEPTHS OF FLOOR CONSTRUCTION.


-EGOLD	GREASE/OIL LEVEL DETECTOR (15-100ppm)
-40	COVER RECESS FOR FLOOR FINISH
-61	FLANGE AND CLAMP DEVICE
-85	ENZYMATIC PORT IN COVER
-ISI	INTEGRATE SOLIDS INTERCEPTOR
X -RT	RECESSED TYPE
-HD	HEAVY-DUTY COVER

TYPE	FLOW RATE	CAP. LBS.	PIPE SIZE	B	C	*D	E	F	G
60102H-RT	7	14	2	15	8-1/4	8-3/4	14-7/8	23	15-3/4
60103H-RT	10	20	2	16-1/2	8-1/2	8-3/4	16-5/8	24-3/4	15-3/4
60104H-RT	15	30	2	19	9-1/2	8-3/4	20-3/8	28-1/2	15-3/4
60105H-RT	20	35	3	21	12	10-1/4	20-7/8	29	15-3/4
60106H-RT	25	50	3	23-1/2	13	10-1/4	23-3/8	31-1/2	15-3/4
60107H-RT	35	70	3	25	14-1/2	10-1/4	26-1/8	34-1/4	15-3/4
60108H-RT	50	100	3	27-1/2	16-1/2	10-1/4	27-7/8	36	15-3/4
60109H-RT	75	150	3	33	21	11-3/8	41	49-1/8	15-3/4
60110H-RT	100	200	4	37	23	13-3/8	47	55-1/8	15-3/4

 *DIMENSIONS BASED ON INTERCEPTOR IN POSITION #1
 ADD 1-1/4" PER EACH SUCCEEDING LOWER POSITION

DATE OF LAST CHANGE: 4/24/15

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
 WE CAN ASSUME NO RESPONSIBILITY FOR
 USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

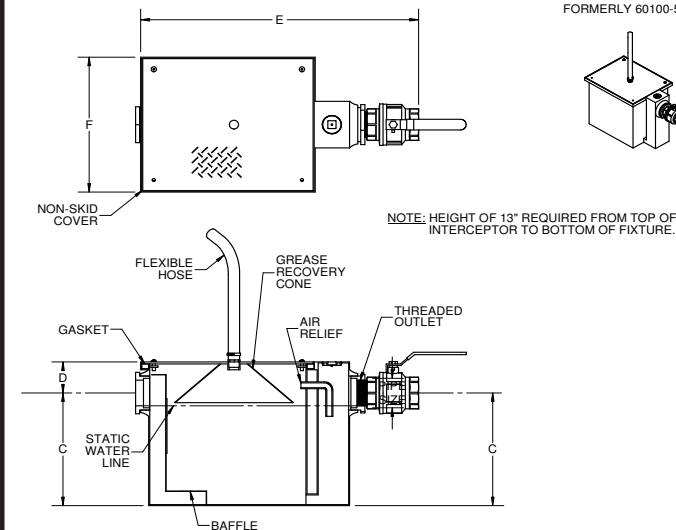
JOSAM 60100-SA SERIES EPOXY COATED FABRICATED STEEL SEMI-AUTOMATIC GREASE INTERCEPTOR WITH THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER, GREASE RECOVERY CONE, FLEXIBLE HOSE, GREASE DRAW-OFF VALVE AND FLOW CONTROL FITTING.

GREASE INTERCEPTOR

SEMI-AUTOMATIC
ON-FLOOR TYPE

SERIES **60100-SA**

FORMERLY 60100-50A



-62	4\" INLET & OUTLET (AVAILABLE ON 6-9 SIZES)
-65	HUB INLET, SPIGOT 2"
-66	HUB INLET, SPIGOT 3"
-67	HUB INLET, SPIGOT 4"
-85	ENZYMATIC PORT IN COVER
-RT	RECESSED TYPE
-ET	ENCLOSED TYPE

Δ SEPARATE SUBMITTAL FOR THIS
OPTION AVAILABLE

	TYPE	FLOW RATE	CAP. (LBS.)	PIPE SIZE	C	D	E	F	G
	60102-SA	7	14	2"	7-3/8	2-5/8	20-1/2	10	10
	60103-SA	10	20	2"	8-3/8	2-7/8	22	11-1/2	11-1/4
	60104-SA	15	30	2"	9-3/8	4	24-1/4	12-3/4	13-3/8
	60105-SA	20	40	2"	11-1/2	4	27	14-7/8	15-5/8
	60106-SA	25	50	3"	13	4-3/8	32	16-1/2	17-3/8
	60107-SA	35	70	3"	14-1/2	4	33-5/8	17-1/2	18-1/2
	60108-SA	50	100	3"	15-1/2	4-7/8	37-1/4	19-3/4	20-3/8
	60109-SA	75	150	3"	17-1/2	6	40-5/8	22	23-1/2

*3" SIZES NORMALLY FURNISHED WITH 4" x 3" REDUCING BUSHING

DATE OF LAST CHANGE: 9/4/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 60100-SA-ET SERIES EPOXY COATED FABRICATED STEEL SEMI-AUTOMATIC GREASE INTERCEPTOR, DEEP ROUGHING FLUSH-WITH-FLOOR TYPE WITH THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER, GREASE RECOVERY CONE, FLEXIBLE HOSE, GREASE DRAW-OFF VALVE, FLOW CONTROL FITTING AND STEEL ENCLOSURE CABINET WITH NON-SKID COVER AND ADJUSTABLE INTERCEPTOR CARRIER BRACKETS.

GREASE INTERCEPTOR

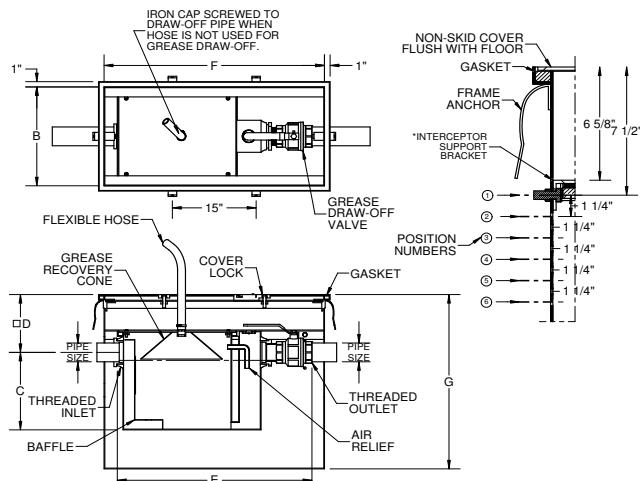
SEMI-AUTOMATIC
ENCLOSED TYPE

SERIES **60100-SA-ET**

FORMERLY 60140-50A SERIES

NOTE: HEIGHT OF 13" REQUIRED FROM TOP OF
INTERCEPTOR TO BOTTOM OF FIXTURE.

NOTE: INTERCEPTOR SUPPORT BRACKETS ADJUSTABLE FOR
VARYING DEPTHS OF FLOOR CONSTRUCTION.



-62	4\" INLET & OUTLET (AVAIL. ON STD. 9\" SIZES)
-65	HUB INLET, SPIGOT OUTLET, 2"
-66	HUB INLET, SPIGOT OUTLET, 3"
-67	HUB INLET, SPIGOT OUTLET, 4"
-85	ENZYMATIC PORT IN COVER
-ET	ENCLOSED TYPE

X

	TYPE	FLOW RATE (LBS.)	CAP. (LBS.)	PIPE SIZE	B	C	D	E	F	G
	60102-SA-ET	7	14	2"	11	7-3/8	7-5/8	20-1/2	27-1/2	24-5/8
	60103-SA-ET	10	20	2"	12-5/8	8-3/8	8-1/4	22	29	25-7/8
	60104-SA-ET	15	30	2"	14-1/4	9-3/8	9-3/8	24-1/4	31-1/4	27-1/8
	60105-SA-ET	20	40	2"	16	11-1/2	10	27	34	29-1/8
	60106-SA-ET	25	50	3"	17-1/2	13	9-3/4	32	38	31-1/2
	60107-SA-ET	35	70	3"	18-1/2	14-1/2	9-3/8	33-5/8	39-1/2	32-5/8
	60108-SA-ET	50	100	3"	20-1/4	15-1/2	10-1/4	37-1/4	43-1/8	34-5/8
	60109-SA-ET	75	150	3"	22-5/8	17-1/2	11-3/8	41-1/2	46-3/4	37-1/2

*3" SIZES NORMALLY FURNISHED WITH
4"x3" REDUCING BUSHING

□ DIMENSIONS BASED ON INTERCEPTOR IN POSITION #1;
ADD 1-1/4" PER EACH SUCCEEDING LOWER POSITION.

DATE OF LAST CHANGE: 9/29/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

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SPECIFICATION:

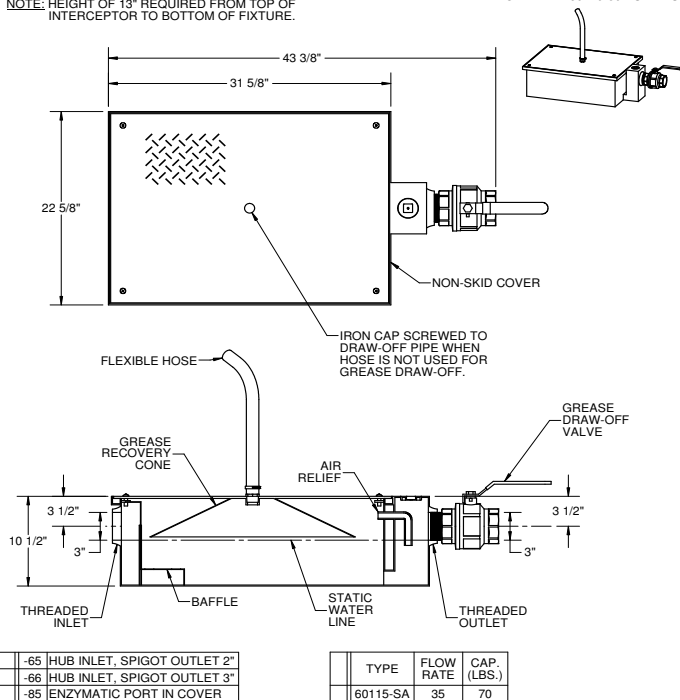
JOSAM 60110A-SA SERIES EPOXY COATED FABRICATED STEEL SEMI-AUTOMATIC GREASE INTERCEPTOR, SHALLOW TYPE. THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER, GREASE RECOVERY CONE, FLEXIBLE HOSE, GREASE DRAW-OFF VALVE AND FLOW CONTROL FITTING.

GREASE INTERCEPTOR
SEMI-AUTOMATIC LOW TYPE

 SERIES **60110-SA**

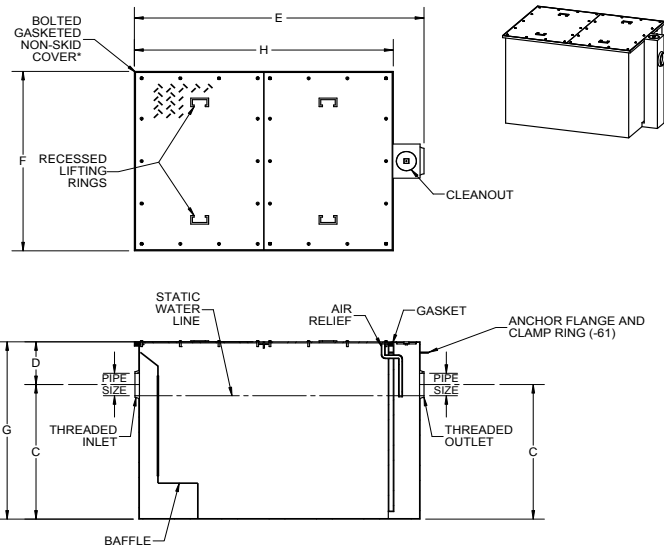
FORMERLY 60110-50A SERIES

NOTE: HEIGHT OF 13" REQUIRED FROM TOP OF INTERCEPTOR TO BOTTOM OF FIXTURE.

**SPECIFICATION:**

JOSAM 60210A SERIES ACID RESISTANT EPOXY COATED (INSIDE AND OUT) FABRICATED STEEL GREASE INTERCEPTOR, HIGH VOLUME. THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER AND FLOW CONTROL FITTING.

GREASE INTERCEPTOR
MANUAL HIGH-VOLUME TYPE

 SERIES **60210A**


Δ	-EGOLD	ELECTRIC GREASE/OIL LEVEL DETECTOR
Δ	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
	-60	ANCHOR FLANGE
	-61	FLANGE AND CLAMP DEVICE
Δ	-ISI	INTEGRATED SOLIDS INTERCEPTOR
	-HD	HEAVY-DUTY COVER

TYPE	FLOW RATE	CAP. (LBS.)	PIPE SIZE	C	D	E	F	G	H
60213A	150	300	4	27	8	60	39	35	53
60214A	200	400	5	31-1/2	10	67	42	41-1/2	58
60215A	250	500	5	35-1/2	10	72	46	45-1/2	63
60216A	350	700	6	39-1/2	12	80	52	51-1/2	71
60217A	500	1000	6	43-1/2	12	91	59	55-1/2	82

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

*THIS SIZE FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 10/31/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

DATE OF LAST CHANGE: 9/5/14

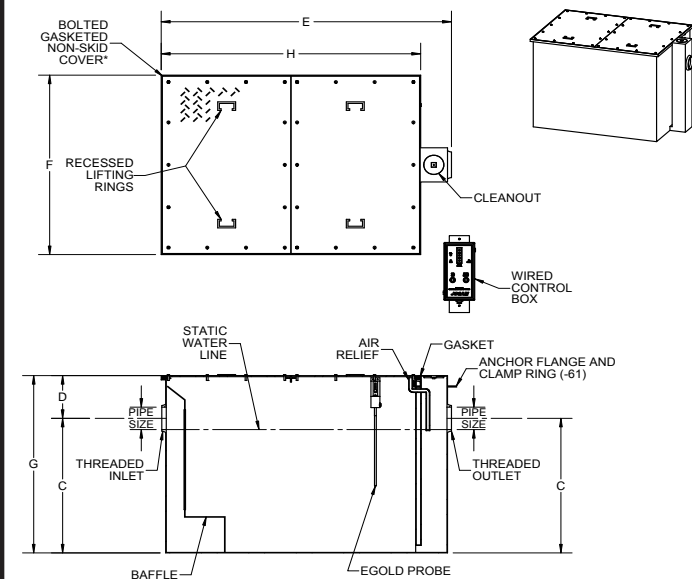
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 60210A-EGOLD SERIES ACID RESISTANT EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, HIGH VOLUME, THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER, FLOW CONTROL FITTING AND FACTORY INSTALLED JOSAM EGOLD-1000 ELECTRONIC GREASE/OIL LEVEL DETECTOR.

**GREASE INTERCEPTOR
MANUAL HIGH-VOLUME TYPE****SERIES 60210A-EGOLD**

	EGOLD	ELECTRIC GREASE/OIL LEVEL DETECTOR		TYPE	FLOW RATE (LBS)	CAP. (LBS)	PIPE SIZE	C	D	E	F	G	H
X	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)											
	-60	ANCHOR FLANGE		60213A-EGOLD	150	300	4	27	8	60	39	35	53
	-61	FLANGE AND CLAMP DEVICE		60214A-EGOLD	200	400	5	31-1/2	10	67	42	41-1/2	58
	-ISI	INTEGRATED SOLIDS INTERCEPTOR		60215A-EGOLD	250	500	5	35-1/2	10	72	46	45-1/2	63
	-HD	HEAVY-DUTY COVER		60216A-EGOLD	350	700	6	39-1/2	12	80	52	51-1/2	71
				60217A-EGOLD	500	1000	6	43-1/2	12	91	59	55-1/2	82

*THIS SIZE FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

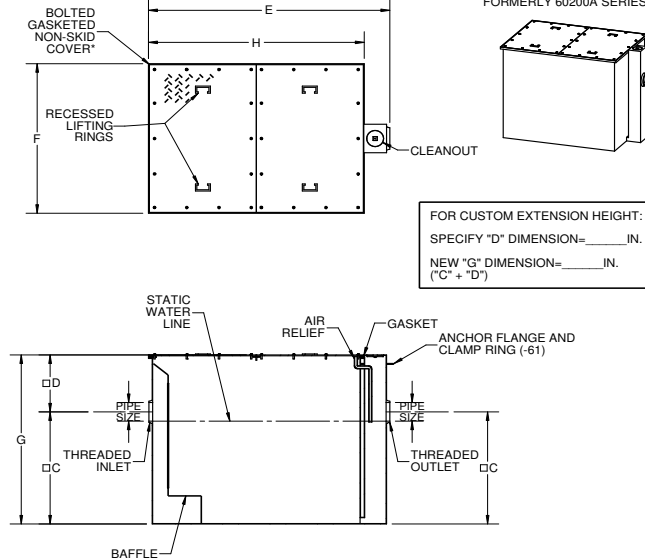
NOTES

SPECIFICATION:

JOSAM 60210A-EXT SERIES ACID RESISTANT EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, HIGH VOLUME, DEEP ROUGHING, INTEGRAL EXTENSION, THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, REMOVABLE DIFFUSER BAFFLE, GASKETED NON-SKID COVER AND FLOW CONTROL FITTING.

**GREASE INTERCEPTOR
MANUAL HIGH-VOLUME TYPE****SERIES 60210A-EXT**

FORMERLY 60200A SERIES



FOR CUSTOM EXTENSION HEIGHT:
SPECIFY "D" DIMENSION=____IN.
NEW "G" DIMENSION=____IN.
("C" + "D")

	EGOLD	ELECTRIC GREASE/OIL LEVEL DETECTOR		TYPE	FLOW RATE (LBS)	CAP. (LBS)	PIPE SIZE	C	D	E	F	G	H
X	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)											
	-60	ANCHOR FLANGE		60213A-EXT	150	300	4	27	14	60	39	41	53
	-61	FLANGE AND CLAMP DEVICE		60214A-EXT	200	400	5	31-1/2	16	67	42	47-1/2	58
	-ISI	INTEGRATED SOLIDS INTERCEPTOR		60215A-EXT	250	500	5	35-1/2	16	72	46	51-1/2	63
	-HD	HEAVY-DUTY COVER		60216A-EXT	350	700	6	39-1/2	18	80	52	57-1/2	71
				60217A-EXT	500	1000	6	43-1/2	18	91	59	61-1/2	82

□ DIMENSIONS BASED ON STANDARD 6" EXTENSION

*THIS SIZE FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 10/30/14

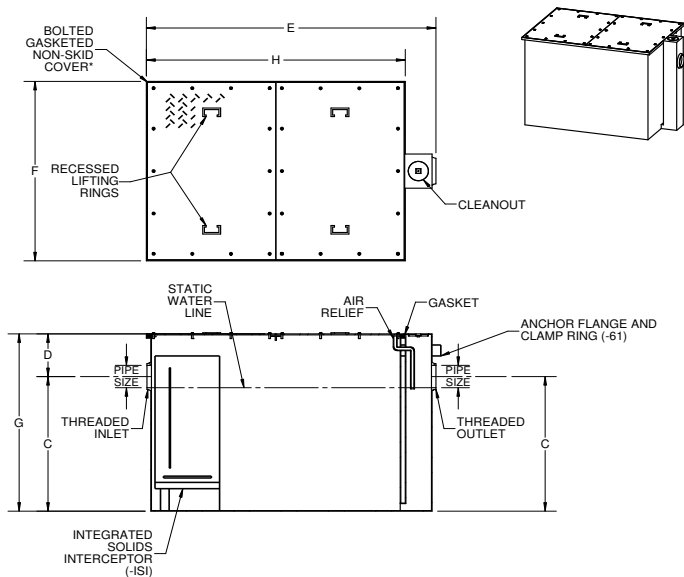
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 60210A-ISI SERIES ACID RESISTANT EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, HIGH VOLUME, THREADED CONNECTIONS, INTERNAL AIR-RELIEF, VISIBLE DOUBLE WALL TRAP, INTEGRATED SOLIDS INTERCEPTOR, GASKETED NON-SKID COVER AND FLOW CONTROL FITTING.

GREASE INTERCEPTOR
MANUAL HIGH-VOLUME TYPE
SERIES 60210A-ISI


	LEGEND	DESCRIPTION
	-EGOLD	ELECTRIC GREASE/OIL LEVEL DETECTOR
	-60	ANCHOR FLANGE
	-61	FLANGE AND CLAMP DEVICE
X	-ISI	INTEGRATED SOLIDS INTERCEPTOR
	-HD	HEAVY-DUTY COVER

	TYPE	FLOW RATE	CAP. (LBS)	PIPE SIZE	C	D	E	F	G	H
	60213A-ISI	150	300	4	27	8	60	39	35	53
	60214A-ISI	200	400	5	31-1/2	10	67	42	41-1/2	58
	60215A-ISI	250	500	5	35-1/2	10	72	46	45-1/2	63
	60216A-ISI	350	700	6	39-1/2	12	80	52	51-1/2	71
	60217A-ISI	500	1000	6	43-1/2	12	91	59	55-1/2	82

*THIS SIZE FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 10/30/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

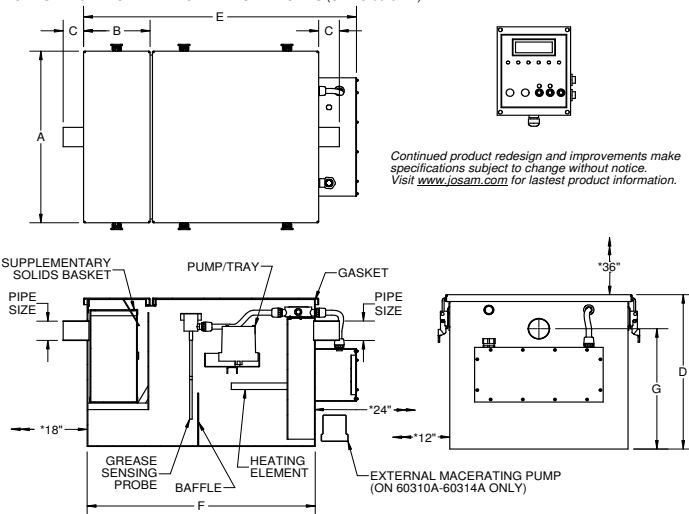
NOTES

SPECIFICATION:

JOSAM 60300A (GI-2000A) SERIES AUTOMATIC GREASE RECOVERY DEVICE, 304 STAINLESS STEEL SHELL WITH INTEGRATED SUPPLEMENTAL REMOVABLE SOLIDS BASKET, STAINLESS STEEL DRAW LATCHES AND NON-ADHESIVE "U" CHANNEL GASKET, 55 GALLON POLYPROPYLENE RECLAIM TANK WITH ALARM, FACTORY INSTALLED GREASE/OIL LEVEL DETECTOR, HEATING ELEMENTS AND GREASE REMOVAL PUMP.

GREASE INTERCEPTOR
AUTOMATIC GREASE RECOVERY DEVICE
SERIES 60300A (GI-2000A)

UL LISTED & PDI CERTIFIED ON APPLICABLE UNITS (UP TO 50 GPM)



Continued product redesign and improvements make specifications subject to change without notice. Visit www.josam.com for latest product information.

55 GAL. RECLAIM TANK NOT SHOWN

	-CIS	CENTRAL INFO SYSTEM CONNECT
	-24	EXTENDED WARRANTY PACKAGE
	-33	55 GAL. STAINLESS RECLAIM TANK
	-34	55 GAL. STEEL RECLAIM TANK

	TYPE	GPM FLOW	CAP. (LBS)	PIPE SIZE	A	B	C	D	E	F	G
	60306A	25	50	3	24-3/8	9	3-1/2	16	35-1/2	25-5/8	11
	60307A	35	70	3	24-3/8	9	3-1/2	20	40-5/8	31-1/2	15-1/2
	60308A	50	100	3	25-7/8	9	3-1/2	22-1/2	42-3/8	33	17-1/2
	60309A	75	150	4	25-7/8	9	3-1/2	26	56-1/8	46-3/4	21-1/2
	60310A**	100	200	4	35	9	3-1/2	31	67-1/2	58	23
	60311A*	150	300	4	39	9	3-1/2	35	73-3/4	64	27
	60312A*	200	400	6	43	9	3-1/2	41	80-3/4	71	31-1/2
	60313A*	250	500	6	47	9	3-1/2	44-3/4	85-3/4	76	35-1/2
	60314A*	350	700	6	47	9	3-1/2	48	105-1/2	96	39-1/2
	60315A**	500	1000	6	47	9	3-1/2	51	130-7/8	120	44

* MINIMUM CLEARANCES

+ INCLUDES EXTERNAL MACERATING PUMP

** UTILIZES TWO PUMPS & RECLAIM TANKS

DATE OF LAST CHANGE: 10/31/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS' TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

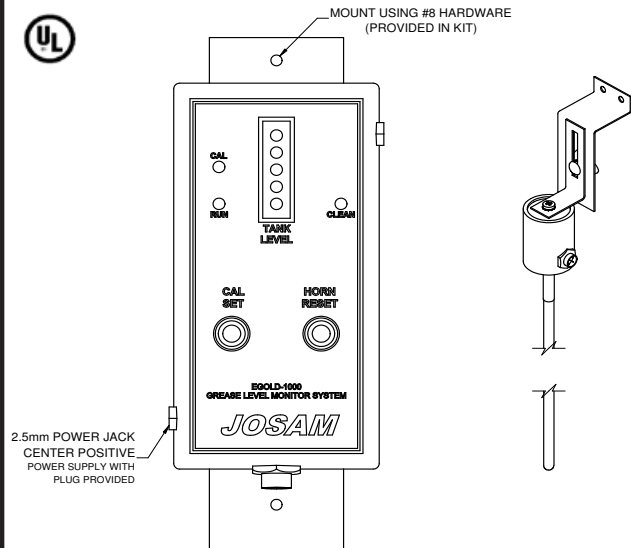
NOTES

SPECIFICATION:

JOSAM EGOLD-1000 SERIES ELECTRONIC GREASE/OIL LEVEL DETECTOR WITH WALL MOUNTED CONTROLLER, POWERED BY UL LISTED 9VDC TRANSFORMER, L.E.D. INDICATORS WITH AUDIBLE ALARM AND 304 STAINLESS STEEL PROBE MOUNTING BRACKET (ATTACHED TO INSIDE WALL OF INTERCEPTOR)

GREASE/OIL INTERCEPTOR ELECTRONIC GREASE/OIL LEVEL DETECTOR

SERIES **EGOLD-1000**

**CABLE LENGTHS:**

CONTROL BOX TO PROBE = 25ft.
CONTROL BOX TO ELECTRICAL OUTLET = 6ft.

MODEL NUMBER	DISTANCE FROM BOTTOM OF INTERCEPTOR TO TOP OF OUTLET
EGOLD-1000-10	12" - 18"
EGOLD-1000-12	19" - 24"
EGOLD-1000-16	25" - 36"
EGOLD-1000-21	37" +

DATE OF LAST CHANGE: 3/6/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

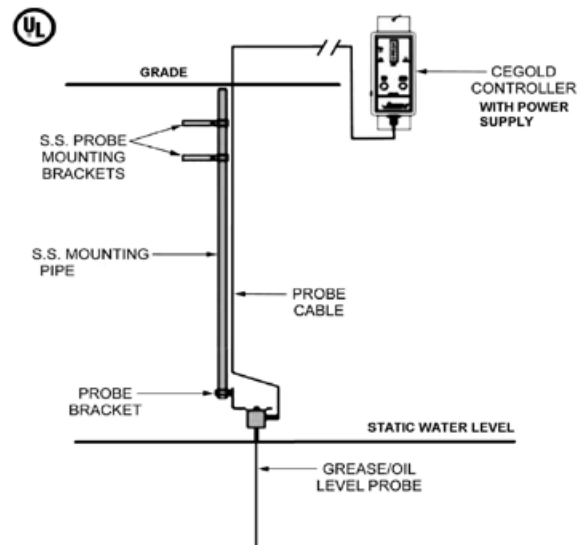
SPECIFICATION:

JOSAM CEGOLD-2000 SERIES ELECTRONIC GREASE/OIL LEVEL DETECTOR WITH WALL MOUNTED CONTROLLER, POWERED BY UL LISTED 9VDC TRANSFORMER, L.E.D. INDICATORS WITH AUDIBLE ALARM AND PERMANENT MEMORY. STAINLESS STEEL MOUNTING PIPE AND BRACKETS. FOR USE IN OUTDOOR PIT STYLE GREASE/OIL INTERCEPTORS.

GREASE/OIL INTERCEPTOR

PIT ELECTRONIC GREASE/OIL LEVEL DETECTOR

SERIES **CEGOLD - 2000**



MODEL NUMBER	DISTANCE FROM GRADE TO STATIC WATER LEVEL
CEGOLD-2000-04	22" - 48"
CEGOLD-2000-06	49" - 72"
CEGOLD-2000-08	73" - 96"
CEGOLD-2000-10	97" - 120"

WHEN ORDERING, SPECIFY DISTANCE FROM GRADE TO STATIC WATER LEVEL. LONGER LENGTHS AVAILABLE UPON REQUEST.

DATE OF LAST CHANGE: 5/9/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

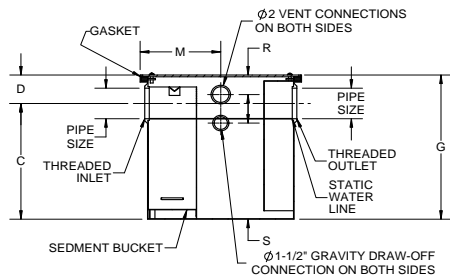
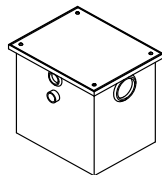
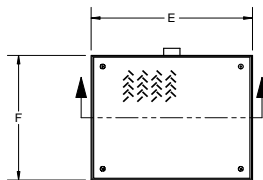
NOTES

SPECIFICATION:

JOSAM 60500B SERIES EPOXY COATED FABRICATED STEEL OIL SEPARATOR, THREADED CONNECTIONS, INTERNAL TRAP, SEDIMENT BUCKET, TWO-VENT CONNECTIONS ON EACH SIDE, GASKETED NON-SKID COVER AND FLOW-CONTROL FITTING.

OIL SEPARATOR
DRAW-OFF, GRAVITY TYPESERIES **60500B**

FORMERLY 60500A SERIES



Δ	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
Δ	-EST	EXTRA STORAGE TANK
	-60	ANCHOR FLANGE (-EXT REQUIRED)
	-61	FLANGE AND CLAMP DEVICE (-EXT REQUIRED)
	-HD	HEAVY-DUTY COVER

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	TYPE	FLOW RATE (GPM)	PIPE SIZE	C	D	E	F	G	M	R	S
	60503B	10	2"	10 1/2"	4 1/8"	15 1/2"	12 3/8"	14 5/8"	6 5/8"	2 7/8"	8 1/2"
	60504B	15	2"	12 3/4"	3 3/8"	18 1/4"	14 1/2"	16 1/8"	8"	2 5/8"	10 3/4"
	60505B	20	*3"	14 5/8"	4 3/8"	20"	16 3/8"	19"	8 7/8"	2 3/4"	12"
	60506B	25	*3"	16"	4"	21 3/4"	17 1/2"	20"	9 3/4"	2 3/4"	13 1/2"
	60507B	35	*3"	16 3/4"	4 7/8"	25 1/4"	19 1/4"	21 5/8"	11 1/2"	2 3/4"	14 1/4"
	60508B	50	*3"	18 1/2"	6 1/4"	28 3/4"	21 1/2"	24 3/4"	13 1/4"	3"	16"

* 3" SIZES NORMALLY FURNISHED WITH 4" x 3" REDUCING BUSHINGS

DATE OF LAST CHANGE: 9/19/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

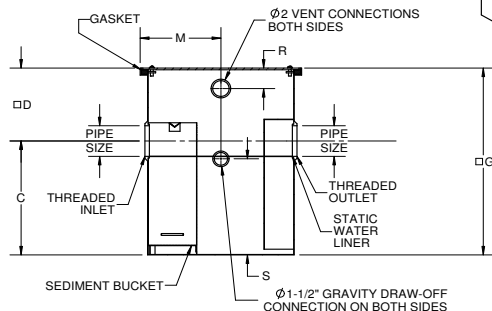
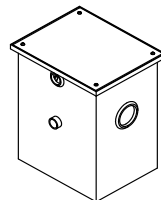
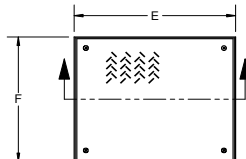
NOTES

SPECIFICATION:

JOSAM 60500B-EXT SERIES EPOXY COATED FABRICATED STEEL OIL SEPARATOR, THREADED CONNECTIONS, DEEP ROUGHING, INTERNAL EXTENSION, INTERNAL TRAP, SEDIMENT BUCKET, TWO-VENT CONNECTIONS ON EACH SIDE, GASKETED NON-SKID COVER AND FLOW-CONTROL FITTING.

OIL SEPARATOR
DRAW-OFF, GRAVITY TYPESERIES **60500B-EXT**

FORMERLY 60520A SERIES



X	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
	-EST	EXTRA STORAGE TANK
	-60	ANCHOR FLANGE (4" DOWN FROM TOP)
	-61	FLANGE AND CLAMP DEVICE (4" DOWN FROM TOP)
	-HD	HEAVY-DUTY COVER

FOR CUSTOM EXTENSION HEIGHT:
SPECIFY "D" DIMENSION= _____ IN.
NEW "G" DIMENSION= _____ IN.
("C" + "D")

	TYPE	FLOW RATE (GPM)	PIPE SIZE	C	□ D	E	F	□ G	M	R	S
	60503B	10	2"	10 1/2"	10 1/8"	15 -1/4"	12 3/4"	20 5/8"	7 1/2"	2 3/4"	8 1/2"
	60504B	15	2"	13"	10"	18"	14 3/4"	23"	9"	2 3/4"	10 5/8"
	60505B	20	*3"	14 3/8"	10 3/8"	19 15/16"	16 3/8"	25"	10"	2 3/4"	12"
	60506B	25	*3"	16"	10"	21 11/16"	17 1/2"	26 1/4"	10 1/2"	2 3/4"	13 1/2"
	60507B	35	*3"	16 3/4"	10 7/8"	25 1/8"	19 1/4"	27 7/8"	12 1/2"	2 3/4"	14 1/4"
	60508B	50	*3"	18 1/2"	12 1/4"	28 1/2"	21 1/2"	19 1/4"	14 1/4"	2 3/4"	16"

□ DIMENSIONS BASED ON STANDARD 6" EXTENSION

* 3" SIZES NORMALLY FURNISHED WITH 4" x 3" REDUCING BUSHINGS

DATE OF LAST CHANGE: 7/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

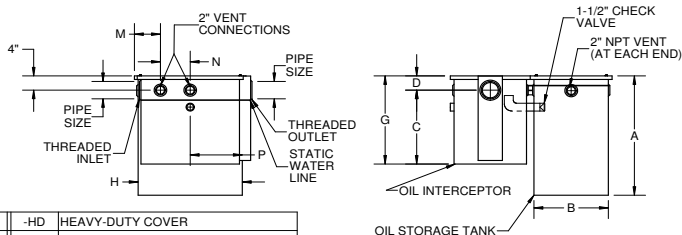
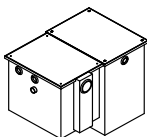
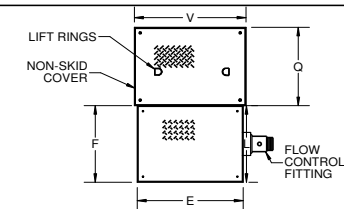
SPECIFICATION:

JOSAM 60500-EST STEEL OIL SEPARATOR, FLUSH-WITH-FLOOR TYPE WITH OIL STORAGE TANK, THREADED CONNECTIONS, FLAT-BOTTOM, VISIBLE DOUBLE WALL TRAP, SEDIMENT BUCKET, GASKETED COVER, ACID RESISTANT COATED (INSIDE & OUT), CHECK VALVE AND FLOW CONTROL FITTING.

OIL SEPARATOR WITH EXTERNAL STORAGE TANK

SERIES **60500-EST**

FORMERLY 60500A-Q508



-HD	HEAVY-DUTY COVER
-19	RECLAIM TANK ALARM
-60	ANCHOR FLANGE
-61	ANCHOR FLANGE AND CLAMP DEVICE
-EXT	EXTENSION (SPECIFY "D" DIMENSION)

	TYPE	FLOW RATE (GAL.)	PIPE SIZE	A	B	C	D	E	F	G	H	L	M	N	P	Q	S	V
60503-EST-5	10	5	2	13-3/8	20	9-3/8	4	19-3/8	12-1/4	13-3/8	17-3/8	34-1/4	3-3/4	5	10	22	6	19-3/8
60503-EST-50	10	50	2	33-1/2	20	9-3/8	4	19-3/8	12-1/4	13-3/8	28	34-1/4	3-3/4	5	10	22	6	30
60504-EST-6	15	6	2	16-1/8	15-3/4	11-1/2	4-5/8	22-1/8	14	16-1/8	20-1/8	31-3/4	4-1/2	7-1/4	12-1/2	22	7-3/4	22-1/8
60504-EST-50	15	50	2	33-1/2	20	11-1/2	4-5/8	22-1/8	14	16-1/8	28	36	4-1/2	7-1/4	12-1/2	22	7-3/4	30
60505-EST-8	20	8	3	17-3/8	16-3/4	13	4-3/8	24-3/4	16	17-3/8	22-3/4	34-3/4	6-1/8	8	15-3/4	22	8-1/4	24-3/4
60505-EST-50	20	50	3	33-1/2	20	13	4-3/8	24-3/4	16	17-3/8	28	38	6-1/8	8	15-3/4	22	8-1/4	30
60506-EST-50	25	50	3	33-1/2	20	14-1/2	4	26-3/8	17	18-1/2	28	39	5-1/4	8	16-1/2	22	9-1/4	30
60506-EST-100	25	100	3	38	24	14-1/2	4	26-3/8	17	18-1/2	36	43	5-1/4	8	16-1/2	26	9-1/4	38
60507-EST-50	35	50	3	33-1/2	20	15-1/2	4-7/8	30	19-3/4	20-3/8	28	41-3/4	6-1/2	8	19	22	10	30
60507-EST-100	35	100	3	38	24	15-1/2	4-7/8	30	19-3/4	20-3/8	36	45-3/4	6-1/2	8	19	26	10	38
60508-EST-50	50	50	3	33-1/2	20	17-1/2	6	33-3/8	22	23-1/2	28	44	7	8	21-1/2	22	11-1/4	30
60508-EST-100	50	100	3	38	24	17-1/2	6	33-3/8	22	23-1/2	36	48	7	8	21-1/2	26	11-1/4	38

*3" PIPE SIZE NORMALLY FURNISHED WITH 4" x 3" REDUCING BUSHING

DATE OF LAST CHANGE: 7/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

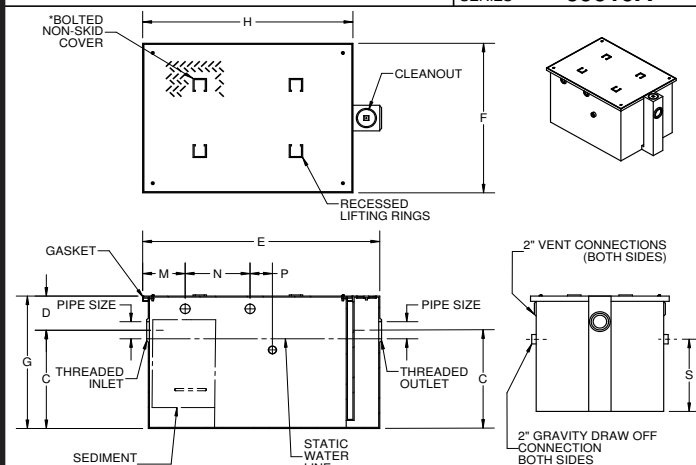
NOTES

SPECIFICATION:

JOSAM 60610A SERIES EPOXY COATED FABRICATED STEEL OIL SEPARATOR, HIGH-VOLUME, THREADED CONNECTIONS, VISIBLE DOUBLE WALL TRAP AND SEDIMENT BUCKET, ADJUSTABLE GRAVITY DRAW-OFF EITHER SIDE, TWO VENT CONNECTIONS ON EACH SIDE, GASKETED NON-SKID COVER AND FLOW-CONTROL FITTING.

OIL SEPARATOR DRAW-OFF, HIGH-VOLUME TYPE

SERIES **60610A**



A	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
A	-EST	EXTRA STORAGE TANK
	-EXT-60	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT) WITH ANCHOR FLANGE
	-HD	HEAVY-DUTY COVER (MUST SPECIFY WITH SEPARATOR ORDER)

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	TYPE	FLOW RATE	PIPE SIZE	C	D	E	F	G	H	M	N	P	S
	*60611A	75	3	21	6	46-1/4	31	27	41	8-1/4	12-1/2	10-1/4	13-1/2
	*60612A	100	4	23	8	54	35	31	47	9-1/2	14-1/2	12-1/2	15-1/4
	*60613A	150	4	27	8	60	39	35	53	10-1/2	16-1/2	14-1/2	19-1/4
	60614A	200	5	31-1/2	10	67	42	41-1/2	58	11-1/2	18-1/8	16	26-1/4
	60615A	250	5	35-1/2	10	72	46	45-1/2	63	12-1/2	20-1/4	17-1/2	29-3/4
	60616A	350	6	39-1/2	12	80	52	51-1/2	71	13-1/2	23	19-3/4	34-1/4
	60617A	500	6	43-1/2	12	91	59	55-1/2	82	16	27	23	38-1/4

*THESE SIZES FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 4/10/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

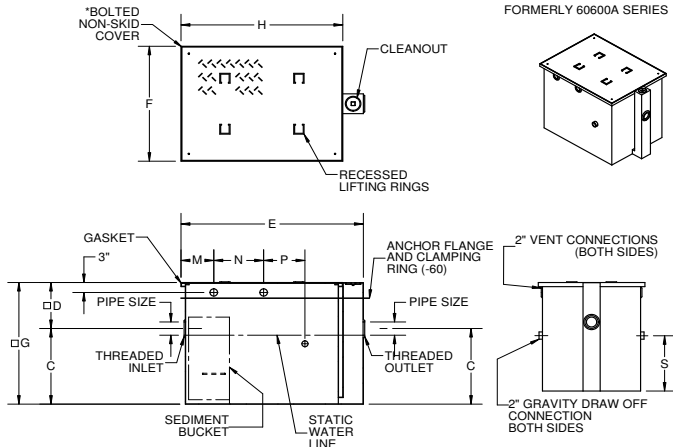
JOSAM 60610A-EXT SERIES EPOXY COATED FABRICATED STEEL OIL SEPARATOR, HIGH-VOLUME, DEEP ROUGHING, INTEGRAL EXTENSION, THREADED CONNECTIONS, VISIBLE DOUBLE WALL TRAP AND SEDIMENT BUCKET, ADJUSTABLE GRAVITY DRAW-OFF EITHER SIDE, TWO VENT CONNECTIONS ON EACH SIDE, GASKETED NON-SKID COVER AND FLOW-CONTROL FITTING.

OIL SEPARATOR

DRAW-OFF, HIGH-VOLUME TYPE

SERIES **60610A-EXT**

FORMERLY 60600A SERIES



X	-EXT	EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
Δ	-EST	EXTERNAL STORAGE TANK
	-EXT-60	ANCHOR FLANGE WITH EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
	-EXT-61	FLANGE AND CLAMP DEVICE WITH EXTENSION, 6" STANDARD (SPECIFY EXT. HEIGHT)
	-HD	HEAVY-DUTY COVER

SPECIFY:

D = _____

G = _____

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	TYPE	FLOW RATE	PIPE SIZE	C	OD	E	F	OD	H	M	N	P	S
	*60611A	75	3	21	12	46-1/4	31	33	41	8-1/4	12-1/2	10-1/4	13-1/2
	*60612A	100	4	23	14	54	35	37	47	9-1/2	14-1/2	12-1/2	15-1/4
	*60613A	150	4	27	14	60	39	41	53	10-1/2	16-1/2	14-1/2	19-1/4
	60614A	200	5	31-1/2	16	67	42	47-1/2	58	11-1/2	18-1/8	16	26-1/4
	60615A	250	5	35-1/2	16	72	46	51-1/2	63	12-1/2	20-1/4	17-1/2	29-3/4
	60616A	350	6	39-1/2	18	80	52	57-1/2	71	13-1/2	23	19-3/4	34-1/4
	60617A	500	6	43-1/2	18	91	59	61-1/2	82	16	27	23	38-1/4

OD DIMENSIONS BASED ON STANDARD 6" EXTENSION

*THESE SIZES FURNISHED WITH ONE-PIECE COVER

DATE OF LAST CHANGE: 4/10/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

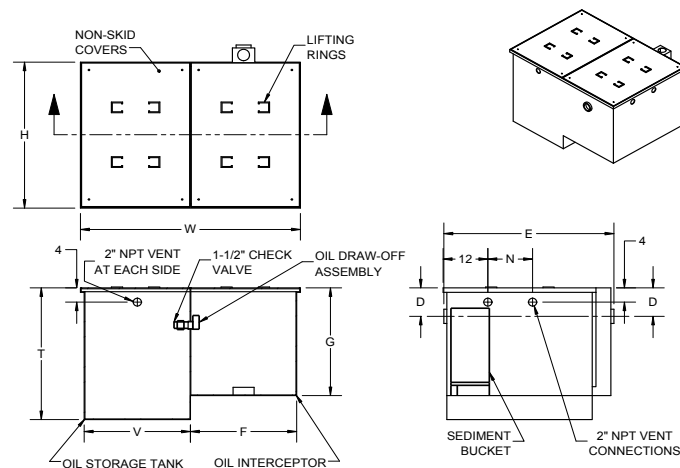
SPECIFICATION:

JOSAM 60610-EST STEEL OIL SEPARATOR, FLUSH-WITH-FLOOR TYPE WITH OIL STORAGE TANK, THREADED CONNECTIONS, FLAT BOTTOM, VISIBLE DOUBLE WALL TRAP, SEDIMENT BUCKET, GASKETED COVER, ACID RESISTANT COATING (INSIDE AND OUT), CHECK VALVE, AND FLOW CONTROL FITTING**.

OIL SEPARATOR

WITH EXTERNAL STORAGE TANK

SERIES **60610-EST**



	-19	RECLAIM TANK ALARM
	-EST-EXT	EXTENSION (SPECIFY "D" DIMENSION) MINIMUM "D" DIMENSION = 8"
X	-EST	EXTERNAL STORAGE TANK
	-HD	HEAVY DUTY COVER (MUST SPECIFY WITH SEPARATOR ORDER)

	TYPE	FLOW RATE	TANK SIZE (GAL.)	PIPE SIZE	D	E	F	G	H	N	T	V	W	WEIGHT (LBS.)	** FLOW CONTROL
	60611-EST	75	100	3	8	46	31	29	41	12	37	24	59	1200	60714
	60612-EST	100	250	4	8	54	35	31	47	14	48	35	70	1500	60714
	60613-EST	150	250	4	10	60	39	37	53	16	45	35	74	2000	60714
	*60614-EST	200	250	5	15	67	42	49	54	18	48	35	77	2400	60715
	*60615-EST	250	500	5	15	72	46	51	63	20	60	45	91	3000	60715
	*60616-EST	350	500	6	15	80	52	55	71	23	56	45	97	3800	60716
	*60617-EST	500	500	6	26	91	59	70	83	27	66	45	104	5200	60716

**FURNISHED WITH 2-PIECE COVER

DATE OF LAST CHANGE: 04/28/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

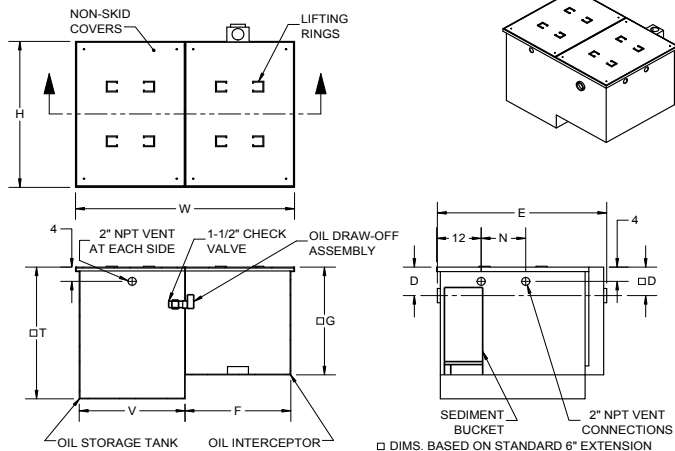
NOTES

SPECIFICATION:

JOSAM 60610-EST-EXT STEEL OIL SEPARATOR, FLUSH-WITH-FLOOR TYPE WITH OIL STORAGE TANK, THREADED CONNECTIONS, FLAT BOTTOM, VISIBLE DOUBLE WALL TRAP, SEDIMENT BUCKET, GASKETED COVER, ACID RESISTANT COATING (INSIDE AND OUT), CHECK VALVE, AND FLOW CONTROL FITTING**.

OIL SEPARATOR WITH EXTERNAL STORAGE TANK

SERIES **60610-EST-EXT**



	-19	RECLAIM TANK ALARM
X	-EST-EXT	EXTENSION (6\" STANDARD OR SPECIFY) (SEE 60610-EST FOR MIN \"D\")
	-60	ANCHOR FLANGE
	-61	ANCHOR FLANGE AND CLAMP
	-HD	HEAVY DUTY COVER (MUST SPECIFY WITH SEPARATOR ORDER)

SPECIFY:

D = _____

	TYPE	FLOW RATE	TANK SIZE (GAL.)	PIPE SIZE	OD	E	F	OG	H	N	OT	V	W	WEIGHT (LBS.)	** FLOW CONTROL
	60611-EST	75	100	3	14	46	31	35	41	12	43	24	59	1200	60714
	60612-EST	100	250	4	14	54	35	37	47	14	54	35	70	1500	60714
	60613-EST	150	250	4	16	60	39	43	53	16	51	35	74	2000	60714
	*60614-EST	200	250	5	21	67	42	55	54	18	54	35	77	2400	60715
	*60615-EST	250	500	5	21	72	46	57	63	20	66	45	91	3000	60715
	*60616-EST	350	500	6	21	80	52	61	71	23	62	45	97	3800	60716
	*60617-EST	500	500	6	31	91	59	76	83	27	72	45	104	5200	60716

*FURNISHED WITH 2-PIECE COVER

DATE OF LAST CHANGE: 04/28/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

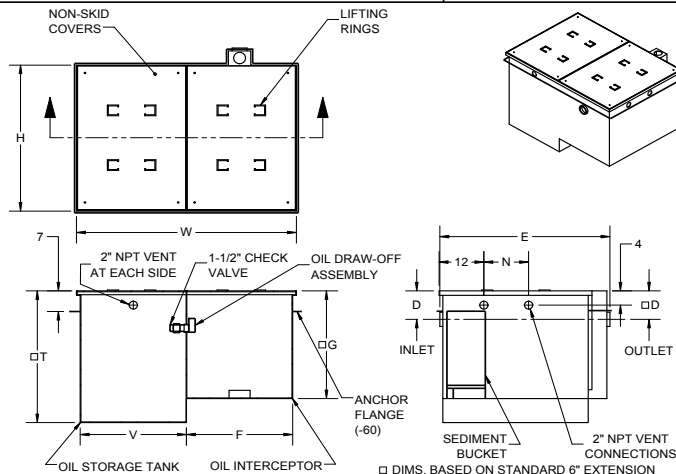
NOTES

SPECIFICATION:

JOSAM 60610-EST-EXT STEEL OIL SEPARATOR, FLUSH-WITH-FLOOR TYPE WITH OIL STORAGE TANK, THREADED CONNECTIONS, FLAT BOTTOM, VISIBLE DOUBLE WALL TRAP, SEDIMENT BUCKET, GASKETED COVER, ACID RESISTANT COATING (INSIDE AND OUT), CHECK VALVE, AND FLOW CONTROL FITTING**.

OIL SEPARATOR WITH EXTERNAL STORAGE TANK

SERIES **60610-EST-EXT-60**



	-19	RECLAIM TANK ALARM
X	-EST-EXT	EXTENSION (6\" STANDARD OR SPECIFY) (SEE 60610-EST FOR MIN \"D\")
	-60	ANCHOR FLANGE
	-61	ANCHOR FLANGE AND CLAMP
	-HD	HEAVY DUTY COVER (MUST SPECIFY WITH SEPARATOR ORDER)

SPECIFY:

D = _____

	TYPE	FLOW RATE	TANK SIZE (GAL.)	PIPE SIZE	OD	E	F	OG	H	N	OT	V	W	WEIGHT (LBS.)	** FLOW CONTROL
	60611-EST	75	100	3	14	46	31	35	41	12	43	24	59	1200	60714
	60612-EST	100	250	4	14	54	35	37	47	14	54	35	70	1500	60714
	60613-EST	150	250	4	16	60	39	43	53	16	51	35	74	2000	60714
	*60614-EST	200	250	5	21	67	42	55	54	18	54	35	77	2400	60715
	*60615-EST	250	500	5	21	72	46	57	63	20	66	45	91	3000	60715
	*60616-EST	350	500	6	21	80	52	61	71	23	62	45	97	3800	60716
	*60617-EST	500	500	6	31	91	59	76	83	27	72	45	104	5200	60716

*FURNISHED WITH 2-PIECE COVER

DATE OF LAST CHANGE: 04/29/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

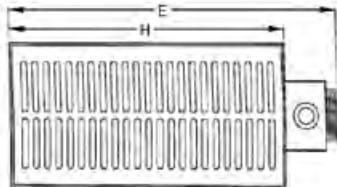
JOSAM 60810 SERIES STEEL OIL SEDIMENT SEPARATOR WITH ACID-RESISTING COATING, THREADED CONNECTION, FLAT BOTTOM, VISIBLE DOUBLE WALL TRAP, REMOVABLE SEDIMENT BUCKET, PRIMARY AND SECONDARY SCREENS AND MEDIUM-DUTY CAST IRON GRATE(S).

OIL SEPARATOR OIL SEDIMENT INTERCEPTOR

60810

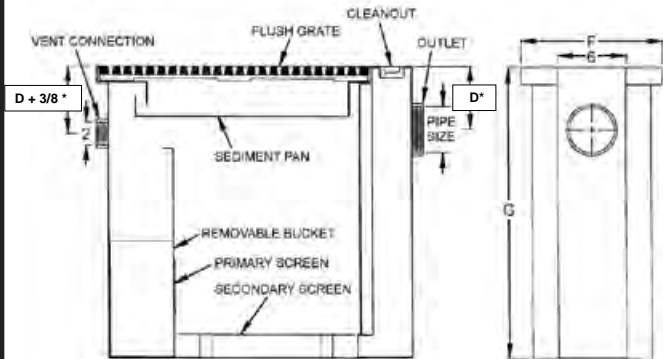
SERIES
FORMERLY 61850 SERIES

SLOT WIDTH 1/2"


***For Custom Extension Height:**

Specify "D" Dimension = _____ in

New "G" Dimension = _____ in



TYPE NO.	PIPE SIZE	GRATE FREE AREA	NO. OF GRATES	SLUDGE CAP. (LBS)	D	E	F	G	H
60816	2	54 SQ. IN.	1	12	5-3/8	17-1/2	12-1/8	15	12-1/8
60817	4	112 SQ. IN.	1	60	5-3/8	29-7/8	12-1/2	25	24-1/2
60818	4	224 SQ. IN.	2	100	5-3/8	29-7/8	24-1/2	25	24-1/2
60819	4	336 SQ. IN.	3	200	5-3/8	41-7/8	24-1/2	35	36-1/2

DRAWING No. 01/17/13

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

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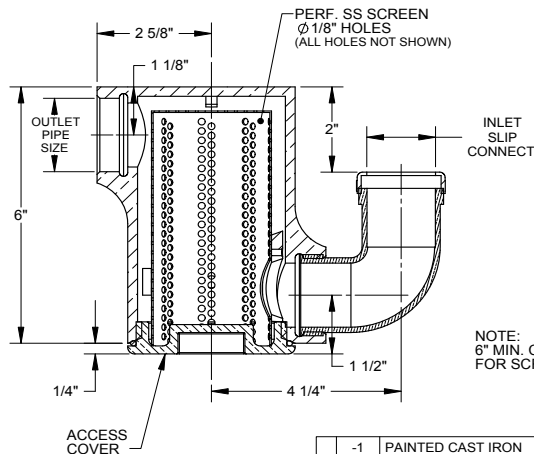
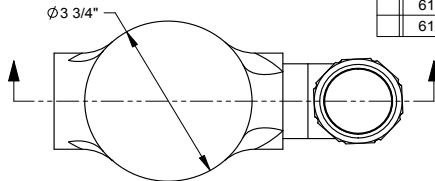
SPECIFICATION:

JOSAM 61000 SERIES NIKALOY SOLIDS INTERCEPTOR, BOTTOM ACCESS FIXTURE TRAP TYPE, SLIP JOINT INLET AND THREADED OUTLET CONNECTIONS, GASKETED COVER AND REMOVABLE PERFORATED STAINLESS STEEL BASKET.

SOLIDS INTERCEPTOR BOTTOM ACCESS FIXTURE TRAP

SERIES 61000

MODEL	INLET	OUTLET NPT
61001-1/4	1-1/4	1-1/2
61001-1/2	1-1/2	1-1/2



NOTE:
6" MIN. CLEARANCE BELOW
FOR SCREEN REMOVAL

-1	PAINTED CAST IRON
-3	POLISHED BRONZE
-30	ACID-RESISTING COATING INSIDE AND OUT

DATE OF LAST CHANGE: 10/14/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

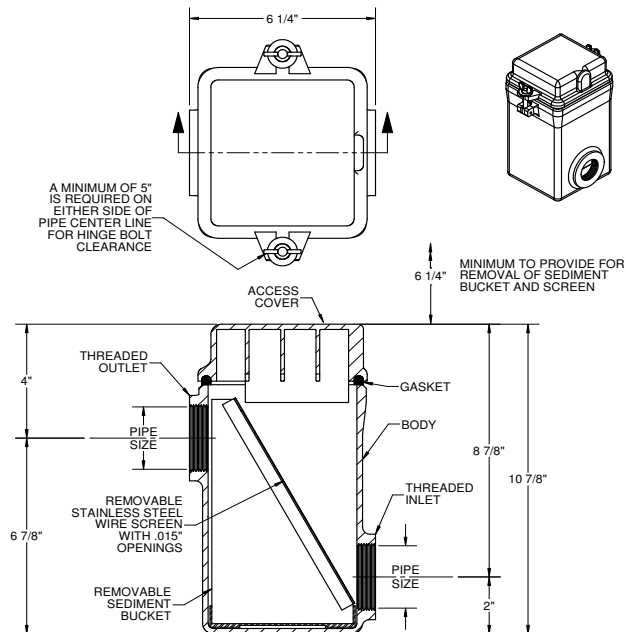
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 61030 SERIES COATED CAST IRON SOLIDS INTERCEPTOR, TOP ACCESS FIXTURE TRAP TYPE, THREADED CONNECTIONS, GASKETED COVER, REMOVABLE GALVANIZED STEEL BASKET AND STAINLESS STEEL SCREEN.

SOLIDS INTERCEPTOR
TOP ACCESS FIXTURE TRAP

 SERIES **61030**


-26	CAST ALUMINUM
-30	ACID-RESISTING COATING INSIDE & OUT

TYPE	PIPE SIZE
61031-1/2	1-1/2
61032	2

DATE OF LAST CHANGE: 10/16/14

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
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 USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

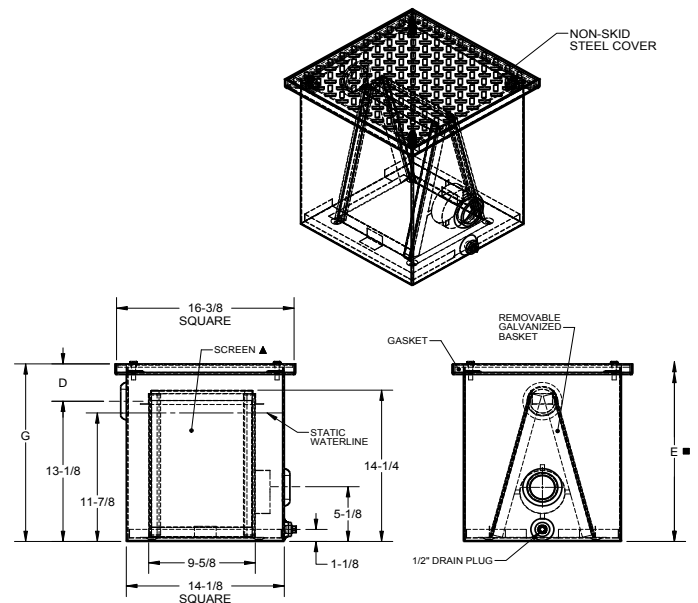
SPECIFICATION:

JOSAM SERIES 61040A STEEL SOLID INTERCEPTOR, TOP ACCESS ON FLOOR TYPE WITH ACID RESISTING COATING, THREADED CONNECTIONS, LOW INLET AND HIGH OUTLET, GASKETED NON-SKID COVER, REMOVABLE GALVANIZED STEEL BASKET WITH STAINLESS STEEL SCREENS.

SOLIDS INTERCEPTOR
TOP ACCESS ON-FLOOR TRAP

 SERIES **61040A**

FORMERLY 61040 SERIES


 ▲ REMOVABLE STAINLESS STEEL WIRE
 SCREEN - 40 x 40 MESH WITH .015" OPENINGS

TYPE	PIPE SIZE	DIM. "D"	DIM. "G"	DIM. "E"	-15	STAINLESS STEEL BASKET
61042A	2	3-1/2	16-5/8	31	-EXT	EXTENSION (SPECIFY "D" ON ORDER)
61043A	3	4-1/2	17-5/8	32	-16	MONEL SCREENS
61044A	4	5-1/2	18-5/8	33	-80SS	STAINLESS STEEL BASKET AND SCREENS

DATE OF LAST CHANGE: 2/11/2015

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
 WE CAN ASSUME NO RESPONSIBILITY FOR
 USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

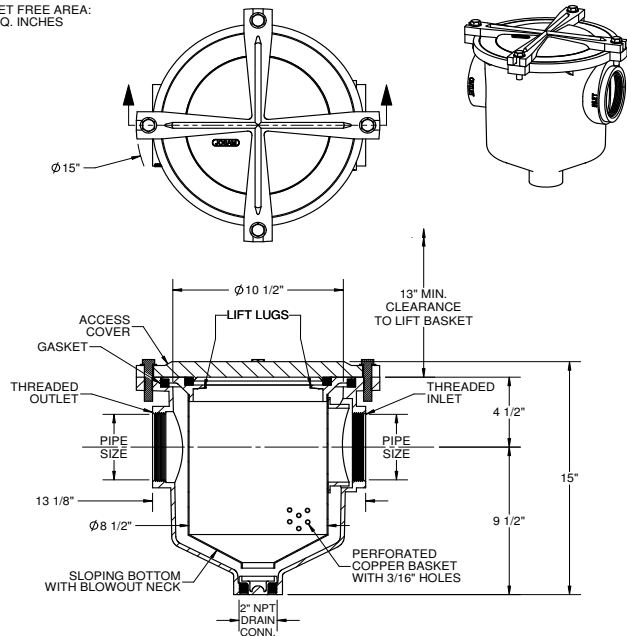
JOSAM 61070 SERIES CAST IRON SOLIDS INTERCEPTOR WITH ACID RESISTING COATING, TOP ACCESS, IN-LINE TYPE, THREADED CONNECTIONS, 2" THREADED DRAIN OR BLOW-OFF CONNECTION, REMOVABLE PERFORATED COPPER BASKET WITH CONICAL SOLID BOTTOM, GASKETED CAST IRON SUPPORT RIM AND GASKETED COVER SEALED ON BASKET SUPPORT RIM SECURED WITH HEX HEAD BOLTS.

SOLIDS INTERCEPTOR
TOP ACCESS IN-LINE TRAP

SERIES

61070

BASKET FREE AREA:
85.0 SQ. INCHES



-4	GALVANIZED CAST IRON PARTS
-15	STAINLESS STEEL BASKET
-86	FLAT BOTTOM BASKET

PIPE SIZE
2"
3"
4"

DATE OF LAST CHANGE: 10/31/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

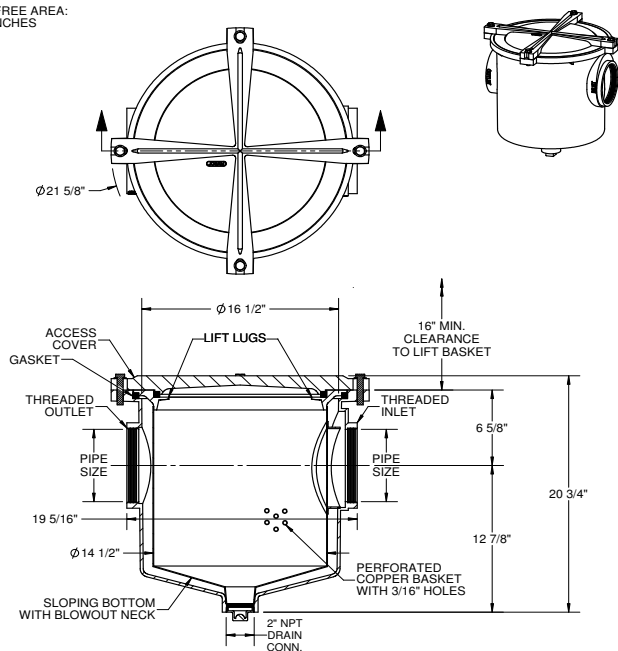
JOSAM 61080 SERIES CAST IRON SOLIDS INTERCEPTOR WITH ACID RESISTING COATING, TOP ACCESS, IN-LINE TYPE, THREADED CONNECTIONS, 2" THREADED DRAIN OR BLOW-OFF CONNECTION, REMOVABLE PERFORATED COPPER BASKET WITH CONICAL SOLID BOTTOM, GASKETED CAST IRON SUPPORT RIM AND GASKETED COVER SEALED ON BASKET SUPPORT RIM SECURED WITH HEX HEAD BOLTS.

SOLIDS INTERCEPTOR
TOP ACCESS IN-LINE TRAP

SERIES

61080

BASKET FREE AREA:
250 SQ. INCHES



-4	GALVANIZED CAST IRON PARTS
-15	STAINLESS STEEL BASKET
-86	FLAT BOTTOM BASKET

PIPE SIZE
4"
5"
6"

DATE OF LAST CHANGE: 11/6/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

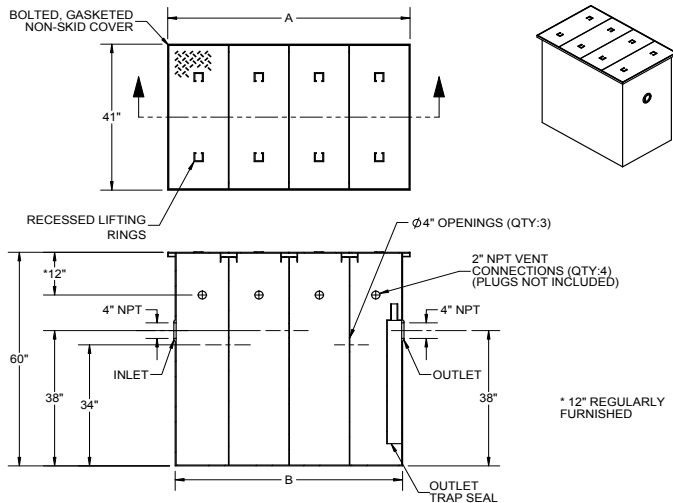
NOTES

SPECIFICATION:

JOSAM 61090 SERIES COATED STEEL SAND & SEDIMENT INTERCEPTOR, HIGH VOLUME ON FLOOR, PARTIALLY RECESSED OR FLUSH-WITH-FLOOR TYPE, THREADED CONNECTIONS, FLAT BOTTOM AND GASKETED NON-SKID COVER.

SAND & SEDIMENT INTERCEPTOR

SERIES

61090

TYPE	CAPACITY (CUBIC FEET)	SIZE (GALLONS)	A	B
61091	45	340	65	60
61092	54	400	77	72
61093	72	540	101	96
61094	81	610	113	108
61095	90	670	125	120
61096	108	810	149	144
61097	135	1010	185	180

-EXT	EXTENSION (SPECIFY DIMENSION)
-HD	HEAVY DUTY COVERS

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

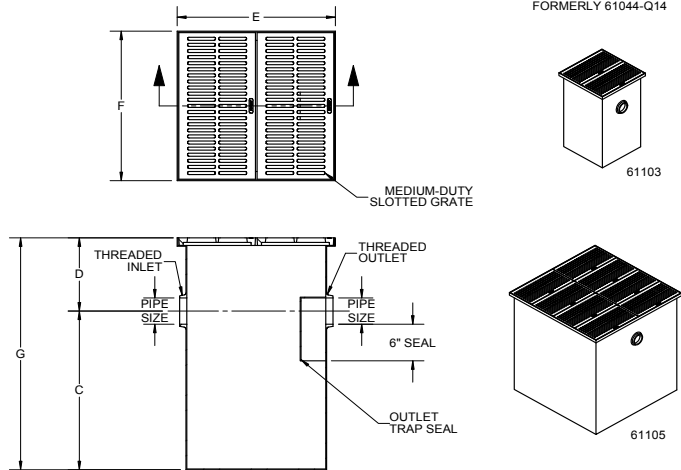
JOSAM SERIES 61100 SERIES SAND INTERCEPTOR, WHITE EPOXY COATED, TOP ACCESS SLOTTED GRATE, OUTLET TRAP SEAL AND THREADED CONNECTIONS.

SAND INTERCEPTOR

SERIES

61100

FORMERLY 61044-Q14



TYPE	# OF GRATES	GPM FLOW	PIPE SIZE	D	C	G	E	F
61103	2	20	4	12	26	38	24-3/4	24-1/2
61104	4	50	4	12	26	38	49-1/4	24-1/2
61105	8	150	4	12	38	50	49-1/4	48-3/4
61106	12	250	6	12	39	51	73-3/4	48-3/4
61107	20	500	6	12	51	63	122-3/4	48-3/4

-HD	SOLID HEAVY DUTY DIAMOND PLATE COVER
-EXT	EXTENSION (SPECIFY "D" AND "G" DIMENSION)

△ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATIONS:

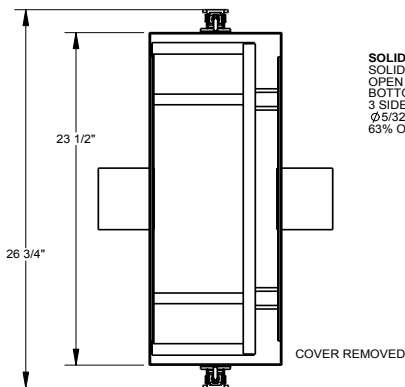
JOSAM 61300 SERIES STAINLESS STEEL SOLIDS INTERCEPTOR, MAY BE ON-FLOOR, PARTIALLY RECESSED, OR BELOW GRADE IN VAULTED ENCLOSURE, WITH NO-HUB CONNECTIONS, GASKETED COVER AND REMOVABLE SOLIDS COLLECTION BASKET

SOLIDS INTERCEPTOR

S.S. 3" AND 4" PIPE DIA.

SERIES

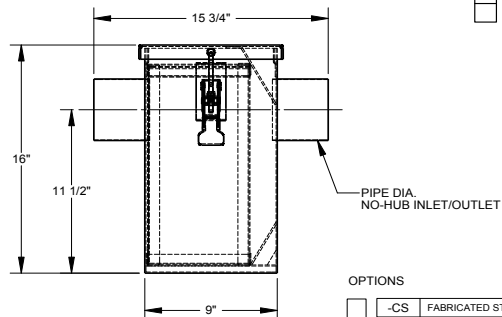
61300



SOLIDS BASKET
SOLID FRONT
OPEN TOP
BOTTOM AND
3 SIDES PERF SS
5/32" HOLES
63% OPEN AREA

COVER REMOVED

PART NO.	PIPE DIA.
61303	3"
61304	4"



OPTIONS

☐ -CS FABRICATED STEEL, ACID-RESISTANT COATING

DATE OF LAST CHANGE: 04/01/11
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 61402 STAINLESS STEEL (TYPE 304) SOLIDS INTERCEPTOR - DRAWER TYPE, ADJUSTABLE HEIGHT, WITH LATCHED AND GASKETED SOLIDS BASKET, AND 2" NO-HUB INLET AND OUTLET CONNECTIONS ON BOTH SIDES.

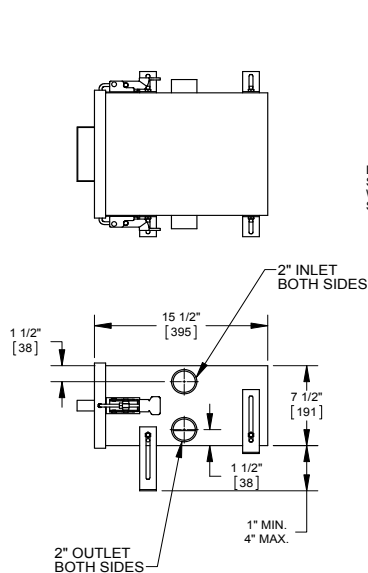
SOLIDS INTERCEPTOR

DRAWER TYPE

SERIES

61402

FLOW RATE: 35 GPM



DRAWER TYPE
SOLIDS BASKET
WITH 5/32 [4] PERF.
SIDES AND BOTTOM

OPTIONS:

<input type="checkbox"/> -T	THREADED CONNECTIONS
<input type="checkbox"/> -316	TYPE 316L MATERIAL

DATE OF LAST CHANGE: 07/02/12
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

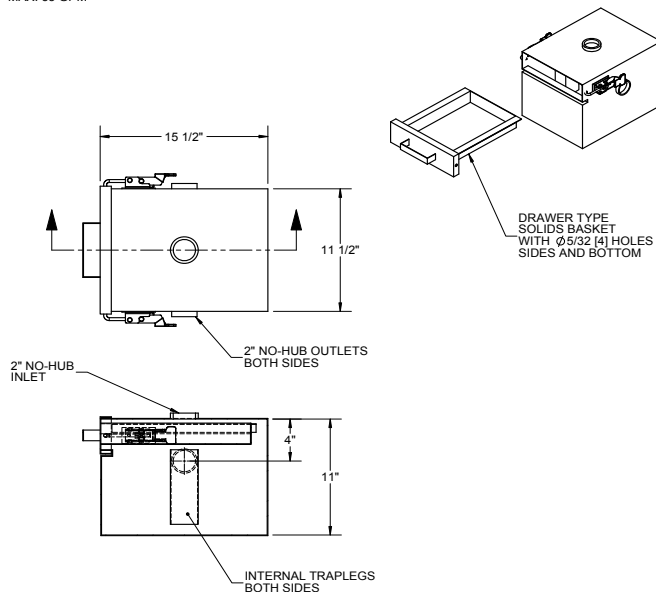
SPECIFICATION:

JOSAM SERIES 61500 STAINLESS STEEL (TYPE 304) SOLIDS INTERCEPTOR - DRAWER TYPE WITH LATCHED AND GASKETED SOLIDS BASKET AND 2" CONNECTIONS.

**SOLIDS INTERCEPTOR
DRAWER TYPE, TOP INLET**

SERIES **61500**

MAX. 35 GPM

**OPTIONS:**

-T	NPT THREADED CONNECTIONS
-316	TYPE 316L MATERIAL

DATE OF LAST CHANGE: 05/21/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

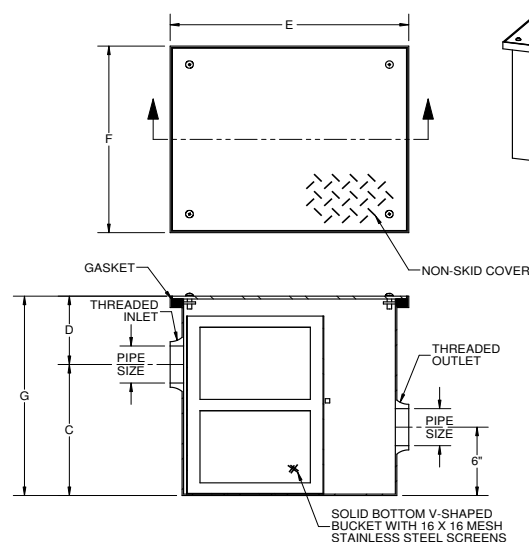
NOTES

SPECIFICATION:

JOSAM 61800 SERIES LINT INTERCEPTOR WITH ACID RESISTANT COATING, NON SKID COVER, GALVANIZED STEEL BUCKET WITH STAINLESS STEEL SCREENS AND THREADED CONNECTIONS.

**SOLIDS INTERCEPTOR
LINT TRAP**

SERIES **61800**



	TYPE NO.	FLOW RATE (GPM)	MAX NO. OF WASHERS	PIPE SIZE	C	D	E	F	G
	61805	70	7	3	12	6	20	17	18
	61806	200	20	4	14	6	22	18	20
	61807	300	30	6	16	6	25	20	22
	61808	400	40	6	18	6	29	22	24

-EXT EXTENSION 6" STANDARD, OR SPECIFY HEIGHT
SPECIFY DIMENSIONS "D" AND "G"

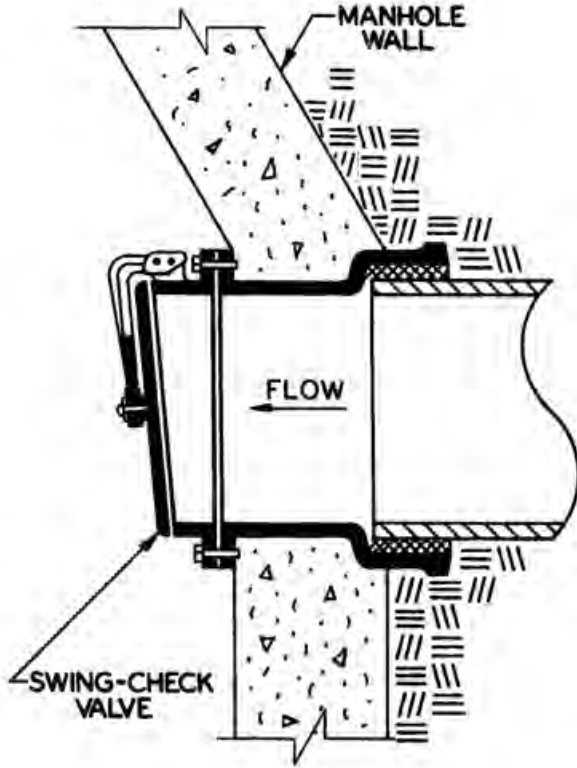
* WILL INCREASE ACCORDINGLY WITH NEW "D" DIMENSION

DATE OF LAST CHANGE: 11/7/14

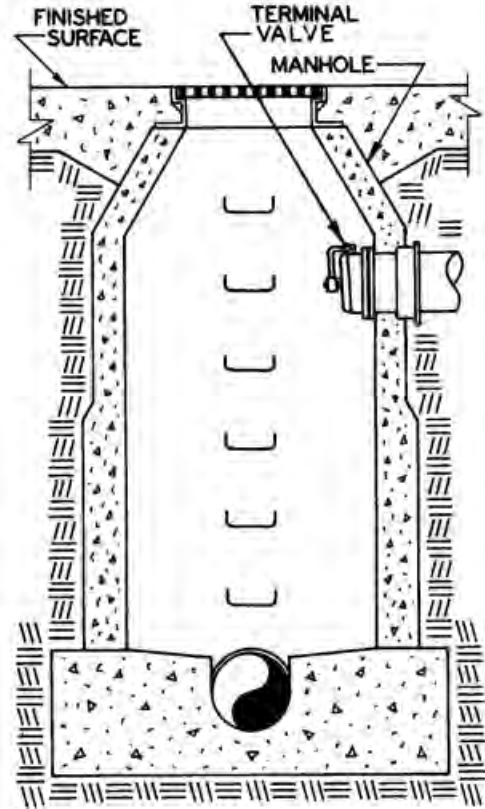
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



67800 Series swing-check Backwater Valve shown installed in a manhole terminal.

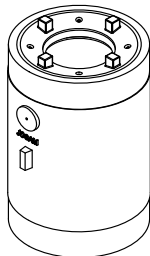
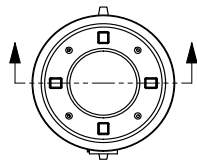


SPECIFICATION:

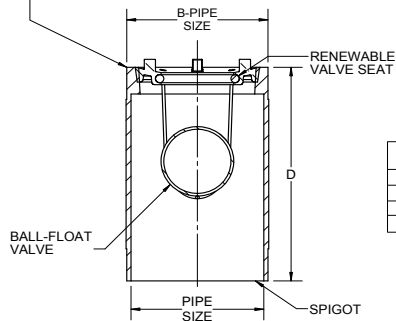
JOSAM 67100A SERIES COATED CAST IRON BACKWATER VALVE, PLASTIC BALL-FLOAT, ELASTOMER SEAT, BRONZE CAGE AND BOTTOM OUTLET SPIGOT CONNECTION.

**BACKWATER VALVE
BALL-FLOAT ADAPTER**

SERIES **67100A**



ATTACH ANY 4" OR 6" NO-HUB
BOTTOM OUTLET
FLOOR DRAIN



PIPE SIZE	B	D
2"	4	6-5/8
3"	4	7-7/8
4"	4	6-1/8
6"	6	10

-5	GALVANIZED CAST IRON PARTS
-35	1/2" PRIMER TAP

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

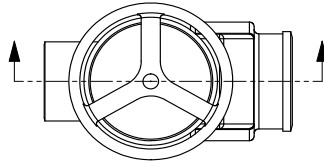
NOTES

SPECIFICATION:

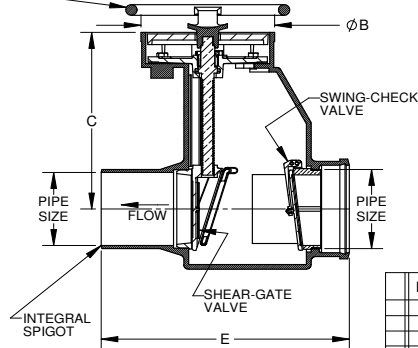
JOSAM 67360 SERIES COATED CAST IRON COMBINATION BACKWATER VALVE, STRAIGHT-THROUGH TYPE, BRONZE SWING-CHECK ASSEMBLY, BRONZE MANUALLY OPERATED SHEAR-GATE WITH NON-RISING STEM AND HUB & SPIGOT CONNECTIONS.

**BACKWATER VALVE
SHEAR-GATE & SWING-CHECK**

SERIES **67360**



REMOVABLE
HAND WHEEL



STRAIGHT-THROUGH
TYPE FOR EXISTING
INSTALLATIONS.

NOTE: SWING-CHECK VALVE
NORMALLY HANGS IN CLOSED
POSITION BUT CAN BE SET TO
HANG OPEN BY SPECIFYING
(-15) OPEN FLAP OPTION.

PIPE SIZE	B	C	E
3"	8	12	17-1/2
4"	8	12	17-1/2
5"	10-1/2	14-1/2	19-1/2
6"	10-1/2	14-1/2	19-1/2

Δ	-DH	DOUBLE HUB
	-15	OPEN FLAP
	-28	12" CAST IRON EXTENSION AND STEM
	-29	24" CAST IRON EXTENSION AND STEM

Δ A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 4/7/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

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MICHIGAN CITY, INDIANA

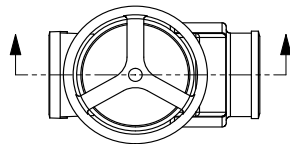
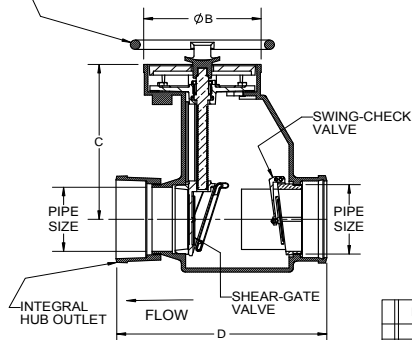
NOTES

SPECIFICATION:

JOSAM 67360-DH SERIES COATED CAST IRON COMBINATION BACKWATER VALVE, STRAIGHT-THROUGH TYPE, BRONZE SWING-CHECK ASSEMBLY, BRONZE MANUALLY OPERATED SHEAR-GATE WITH NON-RIISING STEM AND HUB CONNECTIONS.

BACKWATER VALVE

SHEAR-GATE & SWING-CHECK

SERIES **67360-DH**REMOVABLE
HAND WHEELSTRAIGHT-THROUGH
TYPE FOR EXISTING
INSTALLATIONS.

NOTE: SWING-CHECK VALVE
NORMALLY HANGS IN CLOSED
POSITION BUT CAN BE SET TO
HANG OPEN BY SPECIFYING
(-15) OPEN FLAP OPTION.

PIPE SIZE	B	C	D
3"	8	12	16
4"	8	12	16
5"	10-1/2	14-1/2	16
6"	10-1/2	14-1/2	16

X	-DH	DOUBLE HUB
	-15	OPEN FLAP
	-28	12" CAST IRON EXTENSION AND STEM
	-29	24" CAST IRON EXTENSION AND STEM

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

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MICHIGAN CITY, INDIANA

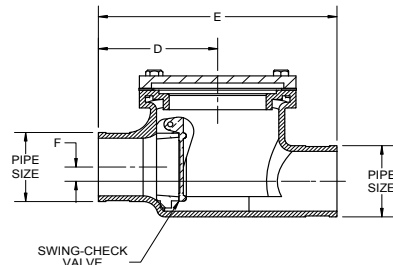
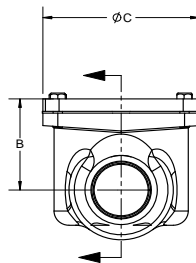
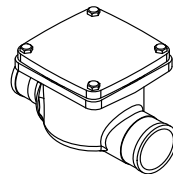
NOTES

SPECIFICATION:

JOSAM 67400 SERIES COATED CAST IRON BACKWATER VALVE,
OFFSET TYPE, BRONZE FIXED SWING-CHECK ASSEMBLY,
BOLTED GASKETED COVER AND NO-HUB CONNECTIONS.

BACKWATER VALVE

NO-HUB SWING-CHECK

SERIES **67400**BOLTED COVER,
OFFSET TYPE

PIPE SIZE	B	C	D	E	F
2"	3-5/8	5-1/4	4	8	1/2
3"	4	6	5	10	1/2
4"	4-3/4	7	6	12	1/2
6"	5-3/4	9	6	12	5/8

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

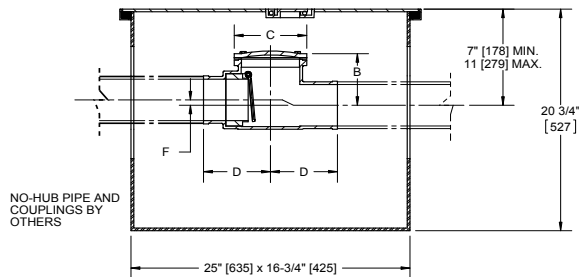
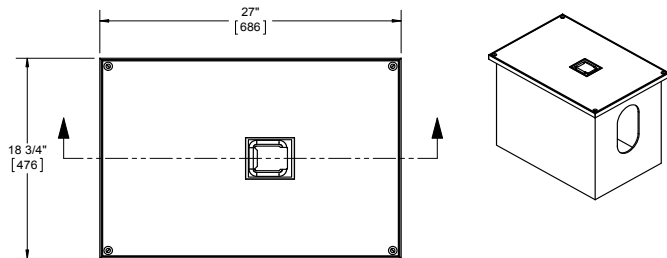
NOTES

SPECIFICATION:

JOSAM SERIES 67400-ET CAST IRON BACKWATER VALVE, BRONZE SWING CHECK ASSEMBLY, BOLTED GASKETED COVER AND NO-HUB PIPE CONNECTIONS WITH ACID-RESISTANT COATED STEEL ENCLOSURE, BOLTED, GASKETED NON-SKID COVER AND LIFT-RING HANDLE.

**BACKWATER VALVE
WITH ENCLOSURE**

SERIES **67400-ET**



PIPE SIZE	B	C	D	F
2"	3-5/8 [92]	5-1/4 [133]	4 [102]	1/2 [13]
3"	4 [102]	6 [152]	5 [127]	1/2 [13]
4"	4-3/4 [121]	7 [178]	6 [152]	1/2 [13]

DATE OF LAST CHANGE: 11/07/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES 67500 COATED CAST IRON BACKWATER VALVE, OFFSET TYPE, BRONZE SWING-CHECK ASSEMBLY, BOLTED GASKETED COVER AND HUB & SPIGOT CONNECTIONS.

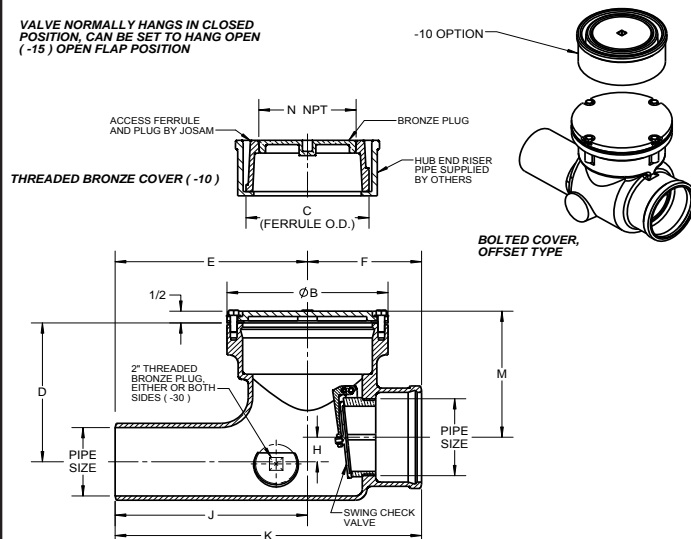
BACKWATER VALVES

HUB & SPIGOT SWING-CHECK

REF. XH PIPE DIMENSIONS

SERIES **67500**

VALVE NORMALLY HANGS IN CLOSED POSITION, CAN BE SET TO HANG OPEN (~15°) OPEN FLAP POSITION



PIPE SIZE	DIA. "B"	DIA. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "H"	DIM. "J"	DIM. "K"	DIM. "M"	"N" NPT
2"	6-7/8	N/A	6-1/4	7	5	1-1/2	6-1/2	12	5-1/4	N/A
3"	7-7/8	5-7/8	7-1/2	10	5-3/4	1-1/4	9	15-3/4	6-3/4	4
4"	9	6-7/8	8-1/8	10-3/4	6-3/8	1-1/2	9	17-1/8	7-1/4	5
6"	11-1/4	9	10	11-3/4	7-3/4	1-3/4	10-3/4	19-1/2	8-3/4	7
8"	13-3/4	11-1/8	11-3/4	12-1/2	7-3/4	2-1/4	11	20-1/4	10	9

* FOR EXTENSION, USE ~10" OPTION WITH HUB & SPIGOT PIPE BY OTHERS

-10"	THREADED BRONZE COVER (3" - 8" SIZES ONLY)	-30	2" AUXILIARY INLET WITH BRONZE PLUG
-15	FLAP IN PARTIALLY OPEN POSITION		

DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

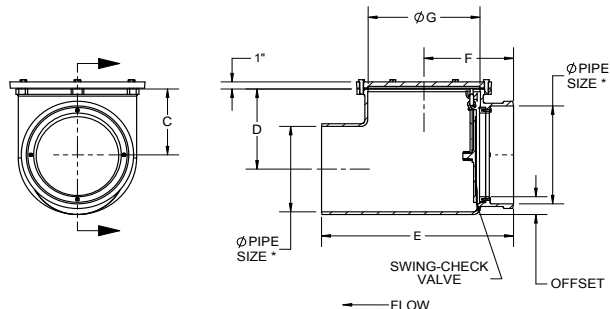
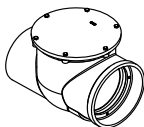
JOSAM 67600 SERIES COATED CAST IRON BACKWATER VALVE, OFFSET TYPE, BRONZE FIXED SWING-CHECK ASSEMBLY, BOLTED GASKETED COVER AND HUB & SPIGOT CONNECTIONS.

BACKWATER VALVE HUB & SPIGOT SWING-CHECK

SERIES **67600**

NOTE: SWING-CHECK VALVE NORMALLY HANGS IN CLOSED POSITION BUT CAN BE SET TO HANG OPEN BY SPECIFYING (-15) OPEN FLAP OPTION.

BOLTED COVER, OFFSET TYPE



* HUB & SPIGOT DIMENSIONS ARE IN ACCORDANCE WITH E.H.C.I. SOIL PIPE STANDARD.

-15	OPEN FLAP
-----	-----------

PIPE SIZE	OFFSET	C	D	E	F	G
10"	2	8-1/2	10-1/2	23	10-1/2	13
12"	2	9-1/4	11-1/4	25-3/4	12	15

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

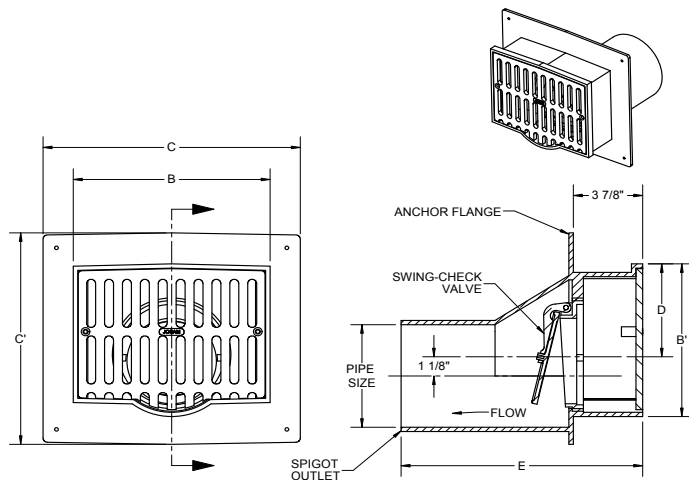
NOTES

SPECIFICATION:

JOSAM 67650 SERIES COATED CAST IRON BACKWATER VALVE, PIT TYPE, BRONZE SWING-CHECK ASSEMBLY, VERTICAL INLET GRATE AND SPIGOT OUTLET CONNECTION.

BACKWATER VALVE COMBINED DRAIN/SWING-CHECK

SERIES **67650**



PIPE SIZE	BXB'	CXC'	D	E	GRATE FREE AREA
3"	9-5/16 X 7-5/8	12-3/4 X 10-7/8	5-1/8	13	19
4"	9-5/16 X 7-5/8	12-3/4 X 10-7/8	5-1/8	13	19
6"	11 X 8-7/8	14-3/4 X 12-3/8	5-1/2	14	22

-1	SATIN FINISH NIKALOY FACE
-2	SATIN FINISH BRONZE FACE
-5	GALVANIZED CAST IRON PARTS

-25	FLASHING CLAMP DEVICE
-VP	SECURED FACE, VANDAL-PROOF SCREWS
-LBV	LESS BACKWATER VALVE

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

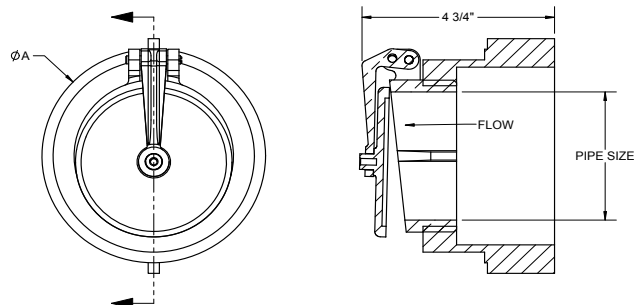
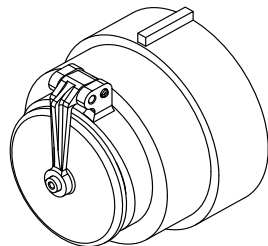
SPECIFICATION:

JOSAM 67720 SERIES COATED CAST IRON BACKWATER VALVE.
TERMINAL TYPE, BRONZE SWING-CHECK ASSEMBLY AND HUB
INLET CONNECTION.

BACKWATER VALVE **SWING-CHECK TERMINAL TYPE**

SERIES **67720**

NOTE:
SWING-CHECK VALVE
NORMALLY HANGS IN
CLOSED POSITION BUT
CAN BE SET TO HANG
OPEN BY SPECIFYING
(-15) OPEN FLAP OPTION



-15	OPEN FLAP
-----	-----------

TYPE	PIPE SIZE	"A" DIM
67723	3"	5
67724	4"	6-1/4

DATE OF LAST CHANGE: 04/18/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

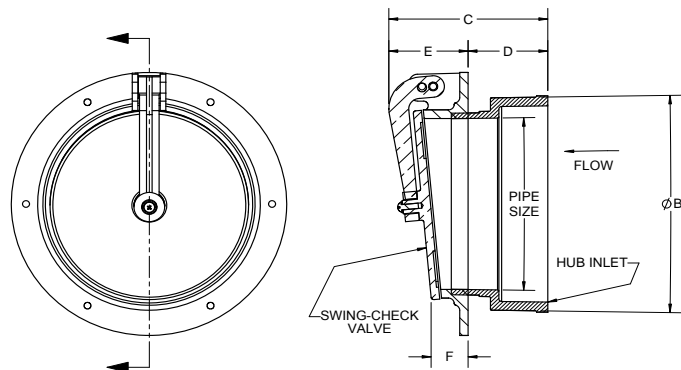
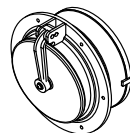
SPECIFICATION:

JOSAM 67800 SERIES COATED CAST IRON BACKWATER VALVE.
TERMINAL TYPE, BRONZE SWING-CHECK ASSEMBLY AND HUB
INLET CONNECTION.

BACKWATER VALVE **SWING-CHECK TERMINAL TYPE**

SERIES **67800**

*67808 BACKWATER VALVE
USES A CAST IRON SEAT IN
PLACE OF A BRONZE SEAT.
CAST IRON HUB THREADS INTO
FLANGED CAST IRON SEAT.



NOTE: SWING-CHECK VALVE
NORMALLY HANGS IN CLOSED
POSITION BUT CAN BE SET TO
HANG OPEN BY SPECIFYING
(-15) OPEN FLAP OPTION.

-4	BRONZE SEAT
-15	OPEN FLAP

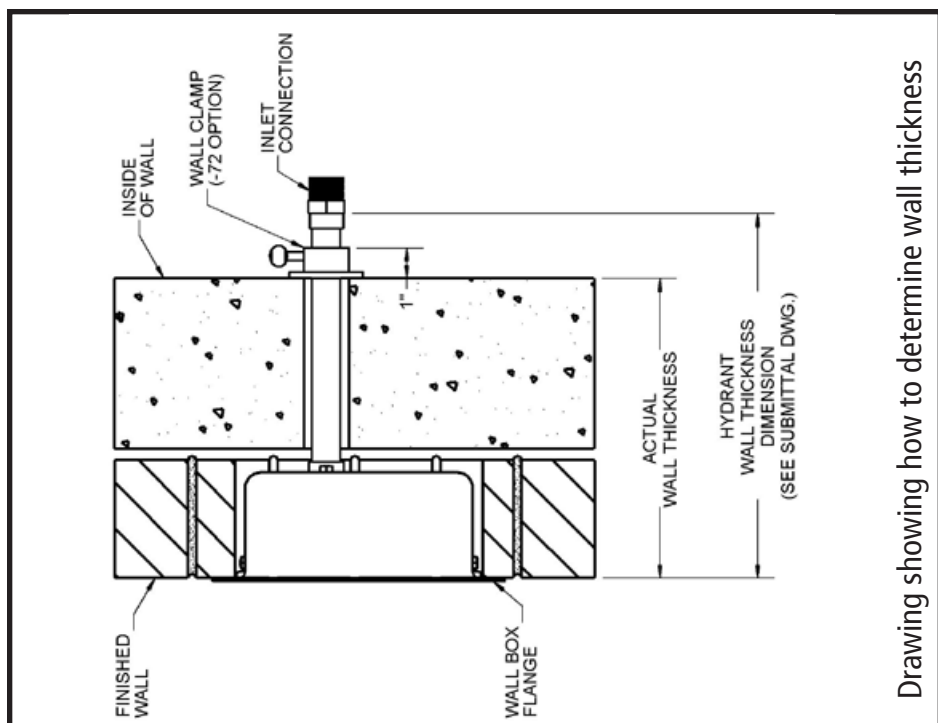
PIPE SIZE	B	C	D	E	F
6"	7-7/8	5-5/8	3-7/8	1-3/4	3/4
8"	10	7-1/4	3-1/2	3-3/4	1-1/2

DATE OF LAST CHANGE: 04/18/15

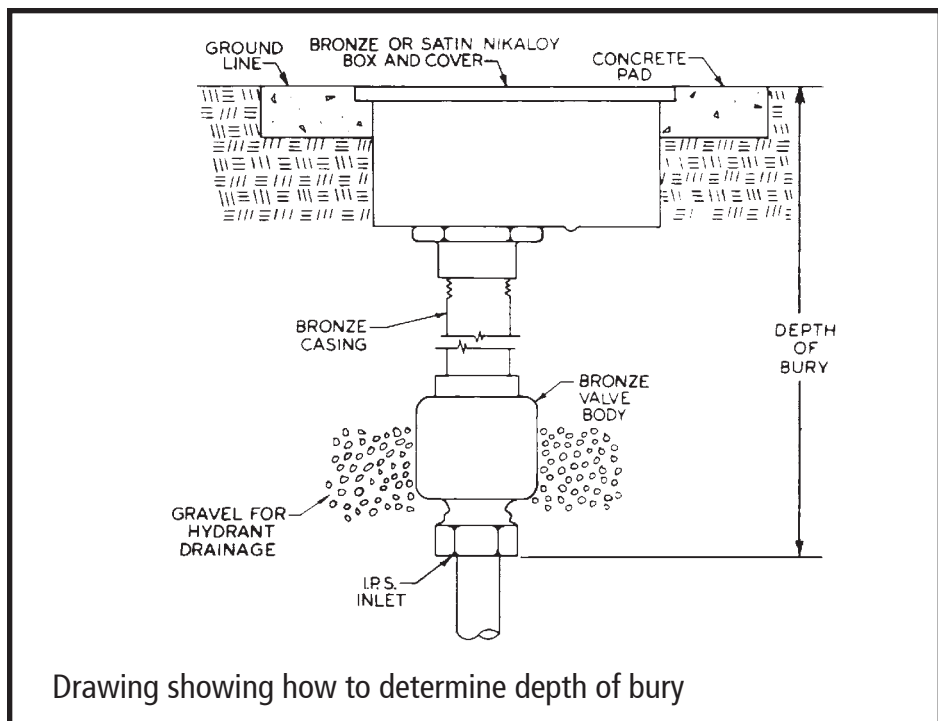
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

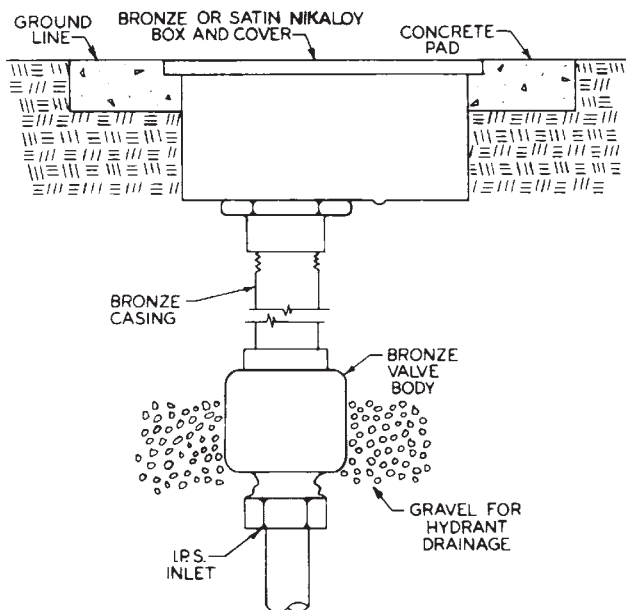
NOTES



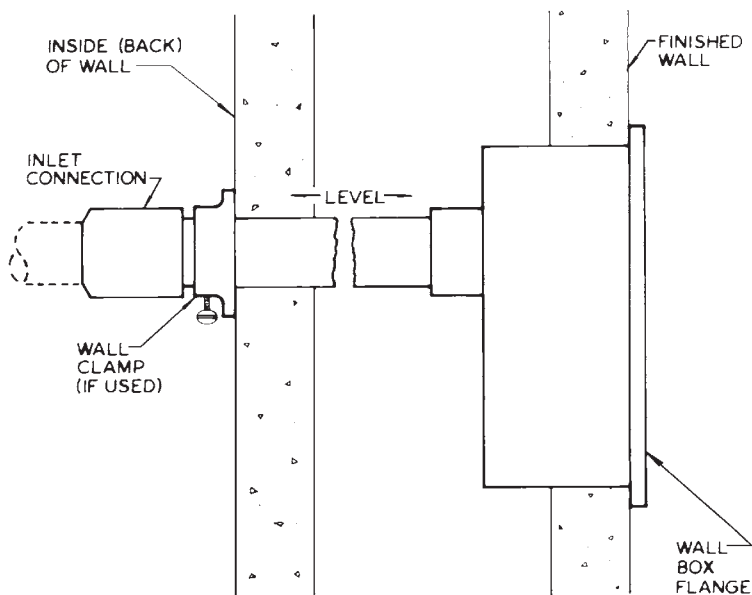
Drawing showing how to determine wall thickness



Drawing showing how to determine depth of bury



71600 Series Hydrant shown installed in a yard



71650 Series TRI-TEMP Hydrant shown installed in a block wall

SPECIFICATION:

JOSAM SERIES 71300 CHROME-PLATED HYDRANT/SILL-COCK, STAINLESS STEEL BOX, HINGED LATCHING COVER, 3/4" HPT OUTLET, INTEGRAL VACUUM BREAKER - BACKFLOW PREVENTER, AND 1/2" OR 3/4" INLET CONNECTION.

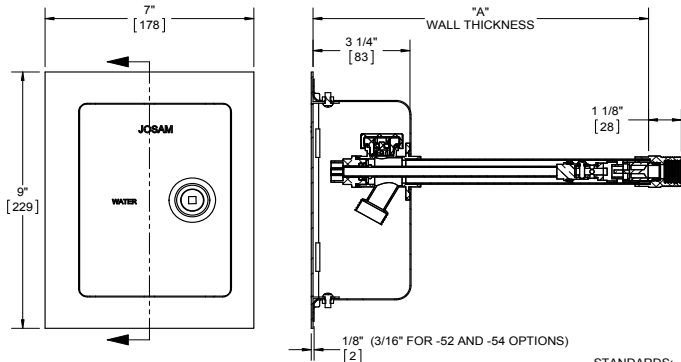
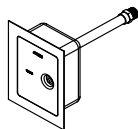
SERIES

71300**HYDRANT**

1/4 TURN, NON-FREEZE
WITH BOX

HYDRANT APPROVED TO NSF/ANSI 61 FOR USE IN POTABLE WATER SYSTEMS.

RECOMMENDED MIN. WALL OPENING: 5-1/2" X 7-3/4"



STANDARDS:
NSF/ANSI 61
NSF/ANSI 372
ASSE 1019
ASME A112.18.1

OPTIONS:

-52	CAST SATIN FINISH BR FACE
-54	CAST SATIN FINISH NIKALOY FACE
-72	WALL CLAMP
-81*	HOSE BIBB VACUUM BREAKER
-91*	1" HOSE PIPE THREADED OUTLET
-95	CYLINDER SECURED LOCK

* -81 AND -91 CANNOT BE ORDERED TOGETHER

MODEL	A
71300-6-QTR	6-1/4 [159]
71300-7-QTR	7-1/4 [184]
71300-9-QTR	9-1/4 [235]
71300-11-QTR	11-1/4 [286]
71300-13-QTR	13-1/4 [337]
71300-15-QTR	15-1/4 [387]
71300-17-QTR	17-1/4 [438]

DATE OF LAST CHANGE: 04/29/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

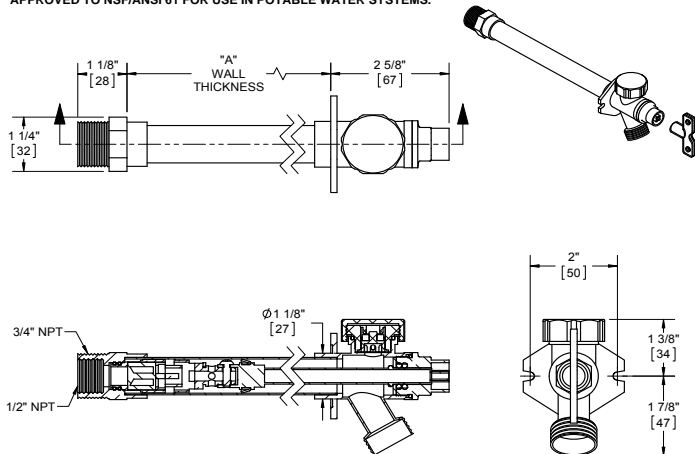
JOSAM SERIES 71350 CHROME-PLATED HYDRANT/SILL-COCK, 3/4" HPT OUTLET, INTEGRAL VACUUM BREAKER - BACKFLOW PREVENTER, AND 1/2" OR 3/4" INLET CONNECTION.

SERIES

71350**HYDRANT**

1/4 TURN, NON-FREEZE

APPROVED TO NSF/ANSI 61 FOR USE IN POTABLE WATER SYSTEMS.



STANDARDS:
NSF/ANSI 61
NSF/ANSI 372
ASSE 1019
ASME A112.18.1

OPTIONS:

-72	WALL CLAMP
-81	HOSE BIBB VACUUM BREAKER
-91	1" HOSE PIPE THREADED OUTLET

MODEL	A
71350-MC-QTR	3 [76]
71350-4-QTR	4 [102]
71350-6-QTR	6 [152]
71350-8-QTR	8 [203]
71350-10-QTR	10 [254]
71350-12-QTR	12 [305]
71350-14-QTR	14 [356]

DATE OF LAST CHANGE: 04/29/15

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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

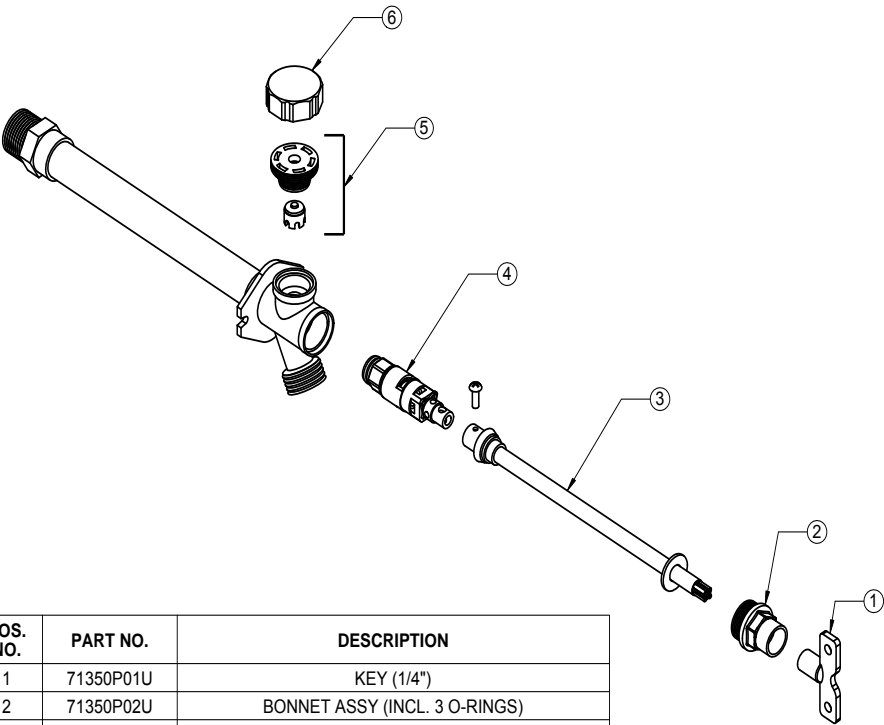
NOTES

SPECIFICATION:

JOSAM SERIES 71350 REPLACEMENT PARTS GUIDE.

**HYDRANT
REPLACEMENT PARTS**

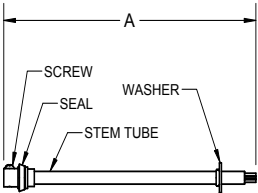
SERIES 71350



POS. NO.	PART NO.	DESCRIPTION
1	71350P01U	KEY (1/4")
2	71350P02U	BONNET ASSY (INCL. 3 O-RINGS)
3	SEE TABLE	STEM TUBE ASSY (INCL. WASHER, SEAL, SCREW)
4	71350P04U	VALVE ASSY (INCL. 2 O-RINGS)
5	71350P05U	VACUUM BREAKER ASSY
6	71350P06U	VACUUM BREAKER CAP

POS. NO. 3 - STEM TUBE ASSY - PART NOS.

71350 MODEL	71300 MODEL	A DIM. [mm]	PART NO.
71350-MC-QTR	71300-6-QTR	3-5/8" [92]	09600B
71350-4-QTR	71300-7-QTR	4-5/8" [117]	09600C
71350-6-QTR	71300-9-QTR	6-5/8" [168]	09600D
71350-8-QTR	71300-11-QTR	8-5/8" [219]	09600E
71350-10-QTR	71300-13-QTR	10-5/8" [270]	09600F
71350-12-QTR	71300-15-QTR	12-5/8" [321]	09600G
71350-14-QTR	71300-17-QTR	14-5/8" [371]	09600H



DATE OF LAST CHANGE: 10/31/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

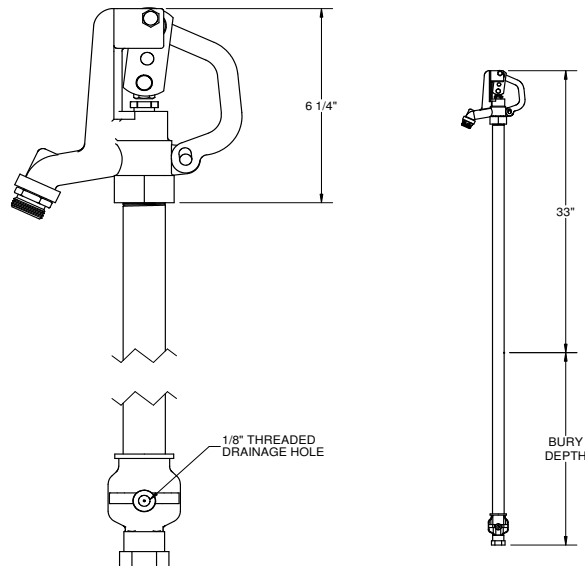
SPECIFICATION:

JOSAM SERIES 71400 FREEZELESS GROUND HYDRANT WITH CAST IRON HEAD, 3/4" FPT BRASS INLET AND BRASS HOSE ADAPTOR OUTLET, CAM-TYPE OPERATING CONTROL LEVER FOR FULL OR VARIABLE FLOW, STAINLESS STEEL OPERATING ROD AND ONE PIECE PLUNGER AND GALVANIZED STEEL PIPE.

HYDRANTS

FREEZELESS GROUND HYDRANT

SERIES **71400**



-91 1" HOSE PIPE THREADED OUTLET

	TYPE	BURY SIZE	OVERALL LENGTH
	71400-1	1' BURY	45"
	71400-2	2' BURY	57"
	71400-3	3' BURY	69"
	71400-4	4' BURY	81"
	71400-5	5' BURY	93"
	71400-6	6' BURY	105"

DATE OF LAST CHANGE: 1/5/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

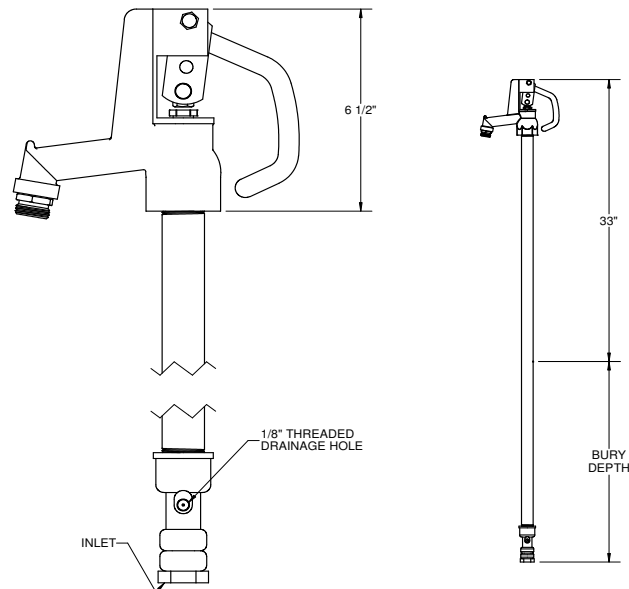
SPECIFICATION:

JOSAM SERIES 71450 FREEZELESS GROUND HYDRANT WITH HEAVY-DUTY CAST IRON HEAD, 3/4" OR 1" FPT BRASS INLET AND BRASS HOSE ADAPTOR OUTLET, CAM-TYPE OPERATING CONTROL LEVER FOR FULL OR VARIABLE FLOW, STAINLESS STEEL OPERATING ROD, ONE PIECE PLUNGER AND GALVANIZED STEEL PIPE.

HYDRANTS

FREEZELESS GROUND HYDRANT

SERIES **71450**



	TYPE	INLET SIZE	BURY SIZE	OVERALL LENGTH
	71450-1	3/4"	1' BURY	45"
	71450-2	3/4"	2' BURY	57"
	71450-3	3/4"	3' BURY	69"
	71450-4	3/4"	4' BURY	81"
	71450-5	3/4"	5' BURY	93"
	71450-6	3/4"	6' BURY	105"

	TYPE	INLET SIZE	BURY SIZE	OVERALL LENGTH
	71451-1	1"	1' BURY	45"
	71451-2	1"	2' BURY	57"
	71451-3	1"	3' BURY	69"
	71451-4	1"	4' BURY	81"
	71451-5	1"	5' BURY	93"
	71451-6	1"	6' BURY	105"

DATE OF LAST CHANGE: 1/5/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

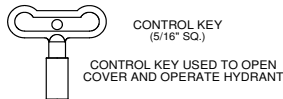
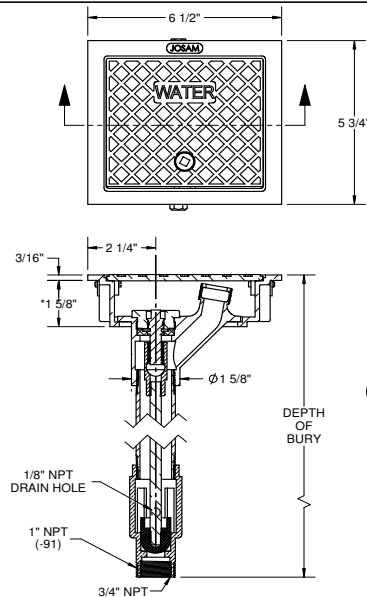
SPECIFICATION:

JOSAM 71600 SERIES CAST BRONZE NON-FREEZE YARD HYDRANT WITH SATIN NIKALLOY HINGED LATCHING COVER, INTEGRAL 3/4" OR 1" HPT OUTLET, BRONZE CASING, NEOPRENE PLUNGER, BRONZE OPERATING PARTS AND 3/4" FEMALE & 1" MALE NPT INLET CONNECTION

HYDRANTS

YARD TYPE, NON-FREEZE WITH BOX

SERIES **71600**



-52	SATIN FINISH FACE, CAST BRONZE BOX
-80	NIKALLOY DEEP BOX (*2-5/8\" DEEP)
-81	VACUUM BREAKER (UPC, ASSE 1011)
-91	1\" HOSE PIPE THREADED OUTLET
-95	CYLINDER VANDAL-PROOF LOCK
-97	1/8\" TAPPED DRAIN HOLE IN BOX

TYPE	DEPTH
71600-2	2'
71600-3	3'
71600-4	4'
71600-5	5'
71600-6	6'

VAC BREAKER (-81) REQUIRES DEEP BOX (-80) FOR COVER TO CLOSE

DATE OF LAST CHANGE: 1/16/15
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

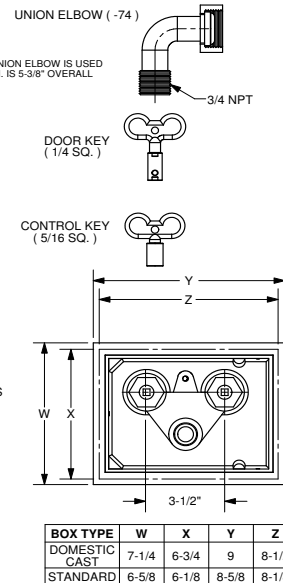
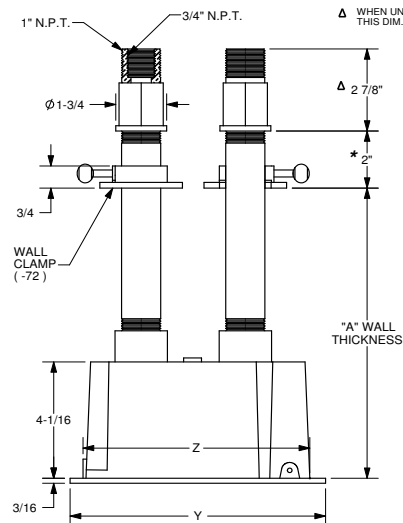
JOSAM 71650 SERIES TRI-TEMP CAST BRONZE NON-FREEZE WALL HYDRANT WITH SATIN NIKALLOY HINGED LATCHING COVER, BRONZE CASINGS, NEOPRENE PLUNGERS, REMOVABLE NYLON SEATS, BRONZE OPERATING PARTS AND 3/4" FEMALE & 1" MALE NPT INLET CONNECTIONS FOR HOT AND COLD WATER AND MIXING CHAMBER WITH 3/4" HPT OUTLET.

HYDRANTS

TRI-TEMP, NON-FREEZE W/BOX

SERIES **71650**

*** AT WALL THICKNESS SPECIFIED**



BOX TYPE	W	X	Y	Z
DOMESTIC CAST	7-1/4	6-3/4	9	8-1/2
STANDARD	6-5/8	6-1/8	8-5/8	8-1/8

		TYPE	A		TYPE	A
-72	WALL CLAMP				71650-6	6
-73	SOLDER INLET ADAPTER				71650-8	8
-74	UNION ELBOW ASSEMBLY				71650-10	10
-81	VACUUM BREAKER (W/STANDARD BOX)				71650-12	12
-91	1\" HOSE PIPE THREADED OUTLET				71650-14	14
-95	CYLINDER VANDAL-PROOF LOCK					

DATE OF LAST CHANGE: 1/29/14
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

HYDRASAN I® HYDRANT MAINTENANCE

HYDRASAN® I will seldom require service. However, continuous drainage from the outlet is a signal that inspection and possible replacement of certain parts are in order. A self-contained tool, Actuator Rod (3), when reversed, makes the job easy. The procedure for removal and replacement of hydrant sealing parts is as follows:

- A.** Shut off water in supply line to hydrant, and turn hydrant on to relieve pressure.
- B.** Use pliers. Firmly grip Cap Retainer (8) and turn counterclockwise to remove it, then remove Deflector Cap (7). Shut off hydrant as tight as possible with Control Key (1) and use an adjustable open end wrench or channel-lock type pliers to "break" Draw Nut (11) loose, then remove it with Control Key (1), turning counterclockwise until threads are free from Hydrant Head (12). Grasp Draw Nut (11) firmly and pull toward you to remove Actuator (2) and Actuator Rod (3).
- C.** Loosen Set Screw (13) with a $\frac{3}{32}$ " hex. key and separate Actuator (2) from Actuator Plug (21) on end of Actuator Rod (3).
- D.** Reverse Actuator Rod (3) and insert into hydrant as far as possible, using Control Key (1) secured to Actuator Rod (3) with Set Screw (14). With Actuator Plug (21) (hex.) on end of Actuator Rod (3) inserted in Hex. Hole (22) in Seat (15), which places Rod Extension (20) in Hole (23) in Shuttle (4), firmly rotate Control key (1) counterclockwise to unscrew Seat (15) and pull out entire Valve (15, 5 and 4).
- E.** Replace worn parts with new parts as required. Reassemble hydrant, reversing the procedure in Steps A through D to place it back in service. Be sure to make Cap Retainer (8) tight to prevent tampering.

NOTE: If pressure relief Valve "O" Ring (6) appears worn, it should be replaced when hydrant is apart. This part can be checked and, if necessary, replaced without turning off water supply to hydrant because the Pressure Assist Seal (Parts 4, 5, and 15) prevents any water from entering. This feature makes possible removal of all parts downstream (in front) of the Seal (or Valve) with water supply on.

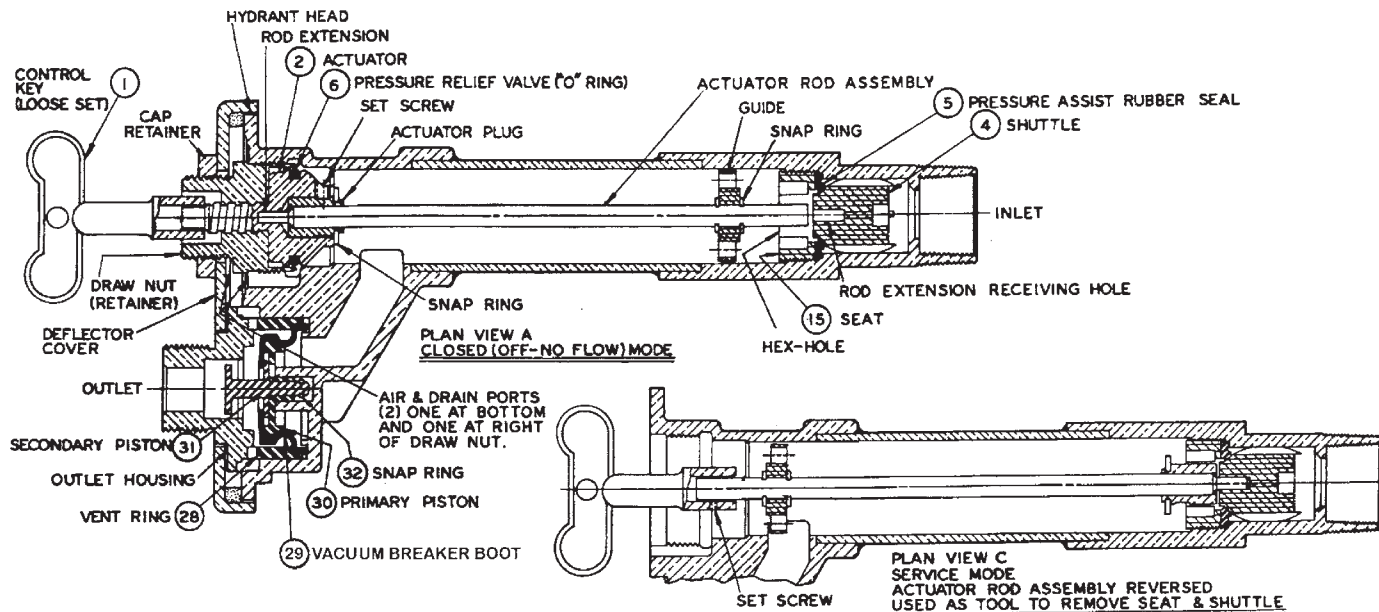
Should it ever be necessary to service the Vacuum Breaker-Backflow Preventer in the outlet of HYDRASAN I, the procedure for removal and replacement of operating parts is as follows:

- F.** After Deflector Cover (7) has been removed (see Maintenance Step B), remove the four housing retaining screws with a $\frac{5}{32}$ " hex. key and take off Outlet Housing (27). Lift out Vent Ring (28) and operating parts, Seal (29) Primary and Secondary Pistons (30 and 31). Inspect for wear.
- G.** Replace worn parts with new parts as required. Reassemble Vacuum Breaker-Backflow Preventer, reversing the procedure in Step F to place it back in service.

Service kits containing all parts necessary for this maintenance can be obtained through your plumbing supply dealer.

Parts Drawings, HYDRASAN® Non-Freeze

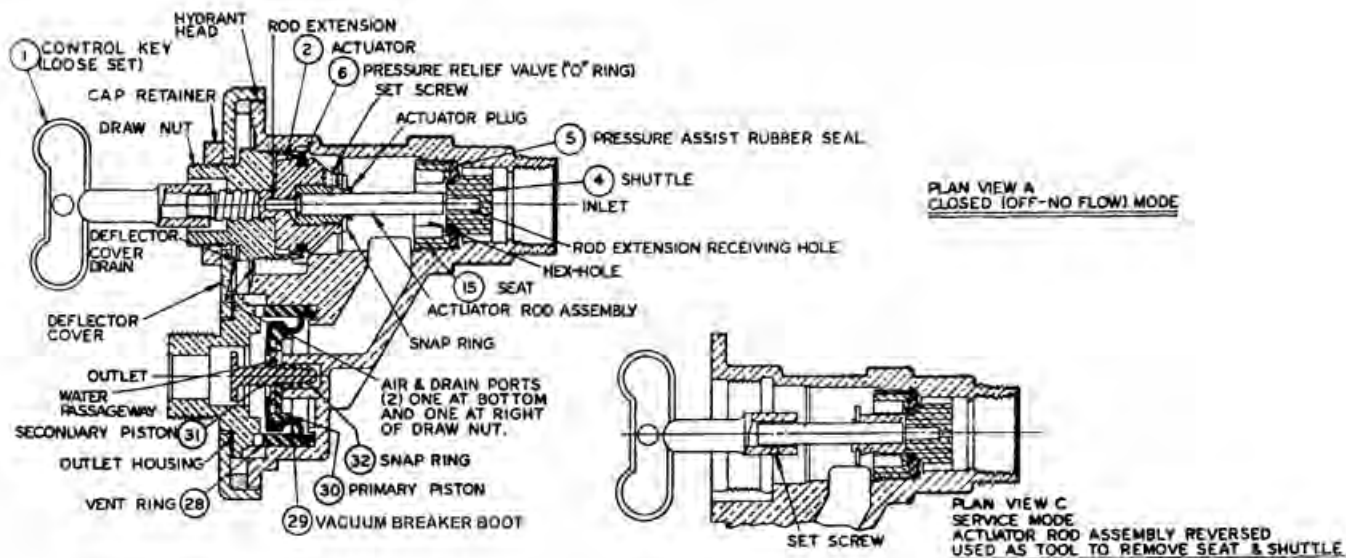
Hydrant replacement parts are available in Repair Kits only. Kits #6, #7, #8 and #23 apply to the Non-Freeze HYDRASAN® Hydrants depicted below. See page 270 for parts included in kits. For replacement rod assemblies, contact your local representative.



HYDRASAN® I 71000 & 71050 Series
NON-FREEZE

Parts Drawings, HYDRASAN® Mild Climate

Hydrant replacement parts are available in Repair Kits only. Kits #6, #9, #10 and #23 apply to the Mild-Climate HYDRASAN® Hydrants depicted below. See page 270 for parts included in kits. For replacement rod assemblies, contact your local representative.



HYDRASAN® I 71020 & 71070 Series
MILD-CLIMATE

Repair Kits • We recommend that a complete HYDRANT REPAIR KIT be installed when it becomes necessary to repair a hydrant.

PART NO.	ITEM	QTY.	PART NO.	ITEM	QTY.	PART NO.	ITEM	QTY.
71550P02U	KIT #2		71950P12U	KIT #12		71550P21U	KIT #21	
#1	5/16" Key	12		For 1420N - 71950			For 1400N – 1410N Old Style	
71050P06U	KIT #6		#1	5/16" Key	1		71550 – 71650 – Previous Design	
#4	Shuttle	2	#2	Worm Stem	1	#1	5/16" Key	1
#5/15	Seal/Seat	2	#3	Brass Washer	1	#2	Worm Stem	1
71050P07U	KIT #7		#5	Packing	1	#3	Brass Washer	1
#1	1/4" Key with set screw	12	#12	Nylon Seat	1	#4	Packing Nut	1
	Allen Wrench	12	#15	Plunger	1	#5	Packing	1
71050P08U	KIT #8		71600P14U	KIT #14		#12	Nylon Seat	1
	For HYDRASAN® I or II -- Non-Freeze			For 1430N Old Style 3/4" or 1"		#15	Plunger	1
#1	1/4" Key with set screw	1		1440N or 71700 3/4"		71550P22U	KIT #22	
#2	Actuator	1		71600 3/4" O.S.			For 71500 – 71550 – 71650	
#4	Shuttle	1	#1	5/16" Key	1		New Style	
#5	Pressure Assist Rubber Seal	1	#2	Worm Stem	1	#1	5/16" Key	1
#6	Pressure Relief Valve (O-Ring)	1	#3	Brass Washer	1	#2	Worm Stem	1
#15	Seat	1	#5	Packing	1	#3	Brass Washer	1
	Allen Wrench	1	#15	Plunger	1	#6	Worm Assy. Nut	1
71070P09U	KIT #9		71600P15U	KIT #15		#12	Nylon Seat	1
#4	Shuttle	2		For 71600 3/4" or 1"		#15	Plunger	1
#5/15	Seal/Seat	2		New Style		#37	Retainer Seal	1
71070P10U	KIT #10		#1	5/16" Key	1	#38	Worm Stem Seal	1
	For HYDRASAN® I or II – Mild Climate		#2	Worm Stem	1	71050P23U	KIT #23	
#1	1/4" Key with set screw	1	#3	Brass Washer	1		For HYDRASAN® I	
#2	Actuator	1	#15	Plunger	1	#28	Vent Ring	2
#4	Shuttle	1	#37	Nylon Seal	1	#29	Boot for Vacuum Breaker	2
#5	Pressure Assist Rubber Seal	1	#38	Worm Stem Seal	1	#30	Primary Piston	2
#6	Pressure Relief Valve (O-Ring)	1				#31	Secondary Piston	2
#15	Seat	1				#32	Snap Ring	2
	Allen Wrench	1						

Selection for Long Piping Runs

The majority of sizing and selection applications will involve single and multiple fixture branch lines. These are easily handled with Table IV. The remainder of applications involves individual runs of piping to a remote item of equipment. The properly sized water hammer arresters for such applications can be determined by Table V and Table V-A.

TABLE V
FOR WATER PRESSURES UP TO 65 P.S.I.G.

P.D.I. Water Hammer Arrester Sizes						
Length of Pipe	Nominal Pipe Diameter					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25	A	A	B	C	D	E
50	A	B	C	D	E	F
75	B	C	D	AE	F	EF
100	C	D	E	F	CF	FF
125	C	D	F	AF	EF	EFF
150	D	E	F	DF	FF	FFF

Ideally the flow pressure in branch lines serving fixtures should never exceed 60 P.S.I.G. Pressure reducing valves should be installed to maintain proper pressure. However, when flow pressures of 65 to 85 P.S.I.G. are used, the next larger size water hammer arrester should be selected. Refer to Table V-A.

All sizing data in this section are based on flow velocities of 10 F.P.S. or less. The certification testing was conducted with a velocity of 10 F.P.S. to offer assurance that P.D.I. approved units were capable of handling shocks of maximum intensity that may be encountered.

TABLE V-A
FOR WATER PRESSURES OVER 65 P.S.I.G. AND UP TO 85 P.S.I.G.

P.D.I. Water Hammer Arrester Sizes						
Length of Pipe	Nominal Pipe Diameter					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25	B	B	C	D	E	F
50	B	C	D	E	F	CF
75	C	D	E	F	CF	FF
100	D	E	F	CF	EF	EFF
125	D	E	CF	DF	FF	BFFF
150	E	F	CF	FF	DFF	FFFF

When long runs of piping are employed to serve a remote item of equipment, the water hammer arrester should be located as close as possible to the point of quick closure. At this location, the water hammer arrester will control the developed energy and prevent the shock wave from surging through the piping system.

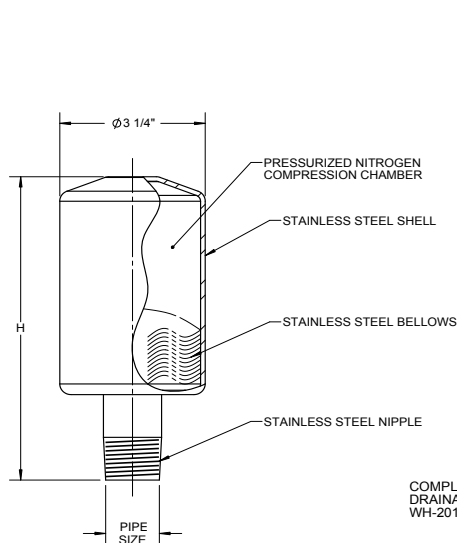
NOTE: For best performance results, the ABSORBOTRON® II should always be installed in an upright position and located as close as possible to the fixture or equipment closure valve.

SPECIFICATION:

JOSAM 75000 SERIES ABSORBOTRON II® SHOCK ABSORBER WITH STAINLESS STEEL SHELL. HYDRO-PNEUMATIC CUSHION OF NITROGEN, STAINLESS STEEL BELLOWS AND STAINLESS STEEL MALE THREADED PIPE NIPPLE.

SHOCK ABSORBER STAINLESS STEEL

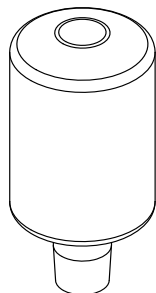
SERIES **75000**



COMPLIES WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-WH-201 AND ASSE 1010.

	PDI SIZE	FIXTURE UNITS	PIPE SIZE	H
AA	1-11	1/2	3-1/8 [80]	
A	1-11	3/4	3-1/8 [80]	
B	12-32	1	4 [102]	
C	33-60	1	4-5/8 [117]	
D	61-113	1	5-1/2 [140]	
E	114-154	1	7-1/16 [180]	
F	155-330	1	7-1/16 [180]	

COMPLIES WITH LEAD-FREE REQUIREMENTS LESS THAN 0.25% LEAD CONTENT OVER THE WETTED SURFACE AREA OF THE PRODUCT.



DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

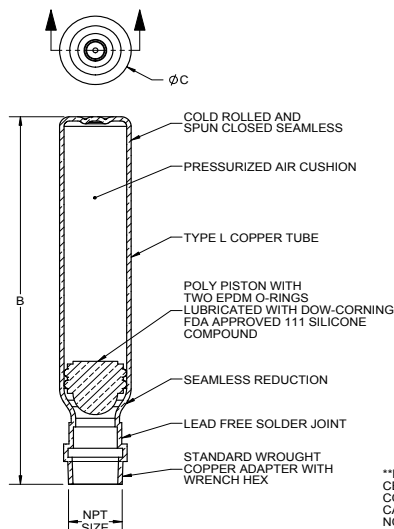
NOTES

SPECIFICATION:

JOSAM 75000-S SERIES ABSORBOTRON II SHOCK ABSORBER WITH WROUGHT COPPER SHELL, HYDRO-PNEUMATIC AIR CUSHION, WROUGHT COPPER ADAPTER AND MALE THREADED CONNECTIONS.

SHOCK ABSORBER COPPER

SERIES **75000-S**



**NOTES:
CERTIFIED TO ANSI/ASSE 1010
COMPLIES LEAD FREE REQUIREMENTS
CAN BE INSTALLED AT ANY ANGLE
NO ACCESS PANEL REQUIRED



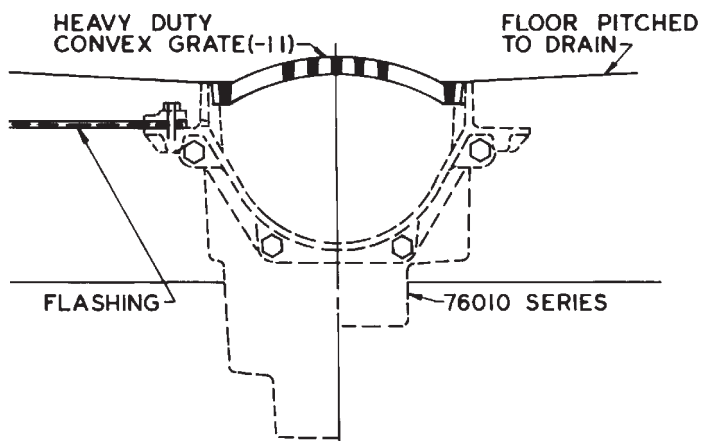
	SIZE	FIXTURE UNITS	THRD SIZE	B	C	MODEL
	A	1-11	1/2"	8-1/4	1-3/8	75001-S
	B	12-32	3/4"	8-3/4	1-3/8	75002-S
	C	33-60	1"	11	1-3/8	75003-S
	D	61-113	1"	10-1/8	2-1/8	75004-S
	E	114-154	1"	12-5/8	2-1/8	75005-S
	F	155-330	1"	15-1/8	2-1/8	75006-S

DATE OF LAST CHANGE: 04/30/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

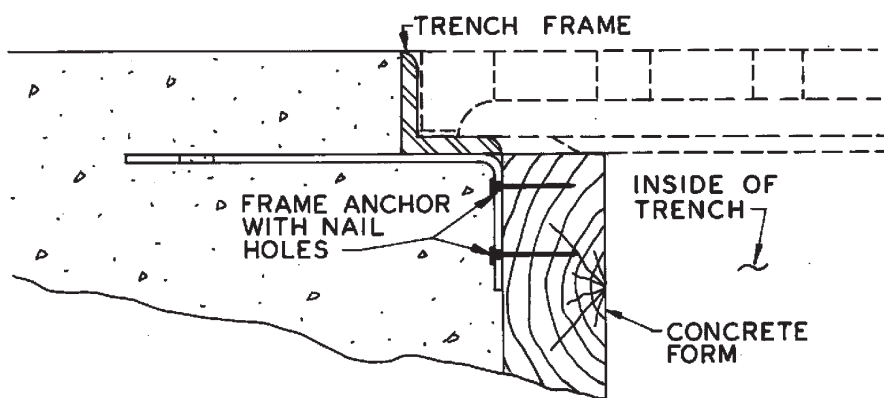
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



(-11) OPTION, HEAVY-DUTY CONVEX GRATE

allows drainage through openings in top of grate even in the event of perimeter blockages by leaves or debris.



76700 Trench Frame and Grate for poured-in-place trench drains.

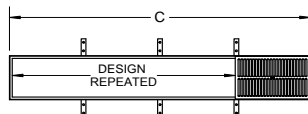
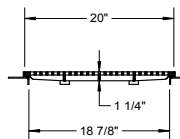
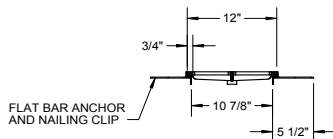
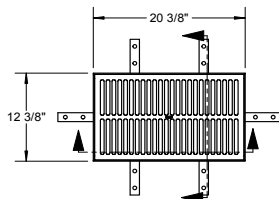
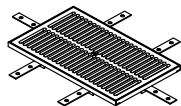
SPECIFICATION:

JOSAM 76300 SERIES COATED CAST IRON 12" x 20" RECTANGULAR
LIGHT-DUTY SECTIONAL TRENCH GRATE.

TRENCH DRAIN
LIGHT-DUTY RECTANGULAR

SERIES **76300**

SLOT WIDTH 5" x 1/2" (-1 & -8-2 SLOT WIDTH 3-1/4" x 5/16")



'C' = (# OF GRATES x 20") + 3/8"
INSIDE CHANNEL WIDTH = 'C' - 1 1/2"
GRATE FREE AREA (EACH) 110 SQ IN.
GRATE ONLY DIM'S = 20" x 12" x 5/8"
FRAME MADE OF 3/4" x 3/4" x 1/8" ANGLE

763__

(INDICATE ## OF GRATES)

<input type="checkbox"/> -1	SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
<input type="checkbox"/> -7	DUCTILE IRON GRATE
<input type="checkbox"/> -8-2	ALL BRONZE WITH SATIN FINISH TOP
<input type="checkbox"/> -VP	SECURED GRATE, VANDAL-PROOF SCREWS
<input type="checkbox"/> -40	GALVANIZED

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

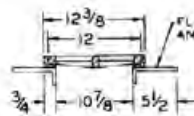
SPECIFICATION:

JOSAM 76400 SERIES COATED CAST IRON 20" x 12" RECTANGULAR
LIGHT-DUTY SECTIONAL TRENCH GRATE.

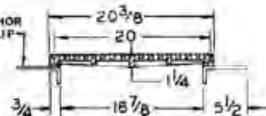
TRENCH DRAIN
LIGHT-DUTY RECTANGULAR

SERIES **76400**

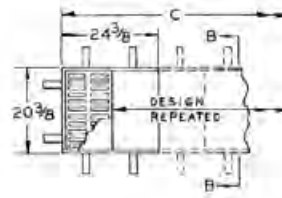
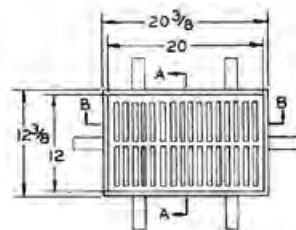
SLOT WIDTH 5" x 1/2" (-1 & -8-2 SLOT WIDTH 3-1/4" x 5/16")



SECTION A-A



SECTION B-B



☐ **764**__

(INDICATE ## OF GRATES)

'C' = (# OF GRATES x 12") + 3/8"

INSIDE CHANNEL WIDTH = 'C' - 1 1/2"

GRATE FREE AREA (EACH) 110 SQ IN.

GRATE ONLY DIM'S = 12" x 20" x 5/8"

FRAME MADE OF 3/4" x 3/4" x 1/8" ANGLE

- ☐ -1 SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
- ☐ -7 DUCTILE IRON GRATE
- ☐ -8-2 ALL BRONZE WITH SATIN FINISH TOP
- ☐ -VP SECURED GRATE, VANDAL-PROOF SCREWS
- ☐ -40 GALVANIZED

DRAWING No. 07/01/08

A-15574-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

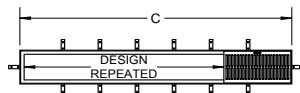
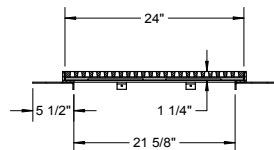
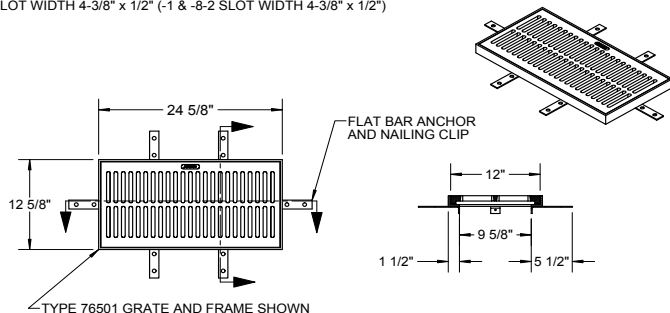
JOSAM 76500 SERIES COATED CAST IRON 12" x 24" RECTANGULAR
MEDIUM-DUTY SECTIONAL TRENCH GRATE.

TRENCH DRAIN

MEDIUM-DUTY RECTANGULAR

SERIES **76500**

SLOT WIDTH 4-3/8" x 1/2" (-1 & -8-2 SLOT WIDTH 4-3/8" x 1/2")



765_ _

(INDICATE ## OF GRATES)

<input type="checkbox"/>	-1	SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
<input type="checkbox"/>	-7	DUCTILE IRON GRATE
<input type="checkbox"/>	-8-2	ALL BRONZE WITH SATIN FINISH TOP
<input type="checkbox"/>	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
<input type="checkbox"/>	-40	GALVANIZED

'C' = (# OF GRATES x 24") + 5/8"
INSIDE CHANNEL WIDTH = 'C' - 3"
GRATE FREE AREA (EACH) 90 SQ. IN.
GRATE ONLY DIMENSIONS = 24" x 12" x 1-1/4"
FRAME MADE OF 1-1/2" x 1-1/2" x 1/4" ANGLE

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

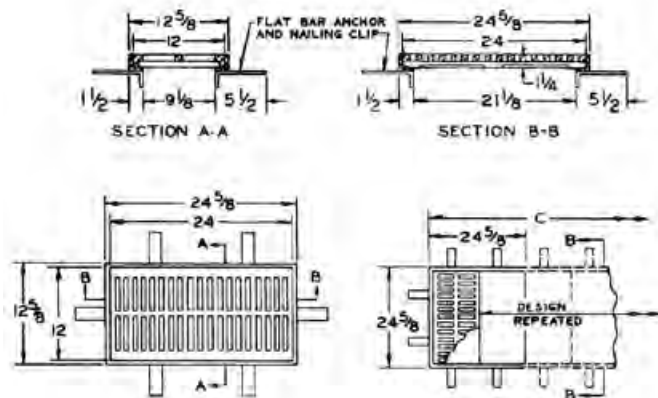
SPECIFICATION:

JOSAM 76600 SERIES COATED CAST IRON 24" x 12" RECTANGULAR
MEDIUM-DUTY SECTIONAL TRENCH GRATE.

TRENCH DRAIN
MEDIUM-DUTY RECTANGULAR

SERIES **76600**

SLOT WIDTH 4-3/8" x 1/2" (-1 & -8-2 SLOT WIDTH 4-3/8" x 1/2")



☐ 766_ _

(INDICATE ## OF GRATES)

- ☐ -1 SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
- ☐ -7 DUCTILE IRON GRATE
- ☐ -8-2 ALL BRONZE WITH SATIN FINISH TOP
- ☐ -VP SECURED GRATE, VANDAL-PROOF SCREWS
- ☐ -40 GALVANIZED

'C' = (# OF GRATES x 12") + 5/8"
INSIDE CHANNEL WIDTH = 'C' - 3"
GRATE FREE AREA (EACH) 90 SQ. IN.
GRATE ONLY DIM'S = 24" x 12" x 5/8"
FRAME MADE OF 1-1/2" x 1-1/2" x 1/4" ANGLE

DRAWING No. 07/01/08

A-15575-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

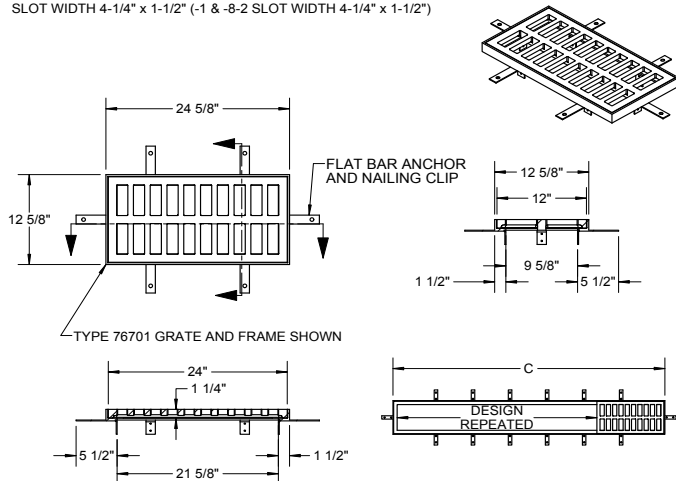
JOSAM 76700 SERIES COATED CAST IRON 12" x 24" RECTANGULAR
HEAVY-DUTY SECTIONAL TRENCH GRATE.

TRENCH DRAIN

HEAVY-DUTY RECTANGULAR

SERIES **76700**

SLOT WIDTH 4-1/4" x 1-1/2" (-1 & -8-2 SLOT WIDTH 4-1/4" x 1-1/2")



767__

(INDICATE ## OF GRATES)

<input type="checkbox"/>	-1	SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
<input type="checkbox"/>	-7	DUCTILE IRON GRATE
<input type="checkbox"/>	-8-2	ALL BRONZE WITH SATIN FINISH FINISH TOP
<input type="checkbox"/>	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
<input type="checkbox"/>	-40	GALVANIZED

'C' = (# OF GRATES x 24") + 5/8"
INSIDE CHANNEL WIDTH = 'C' - 3"
GRATE FREE AREA (EACH) 100 SQ. IN.
GRATE ONLY DIMS = 24" x 12" x 1-1/4"
FRAME MADE OF 1-1/2" x 1-1/2" x 1/4" ANGLE

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

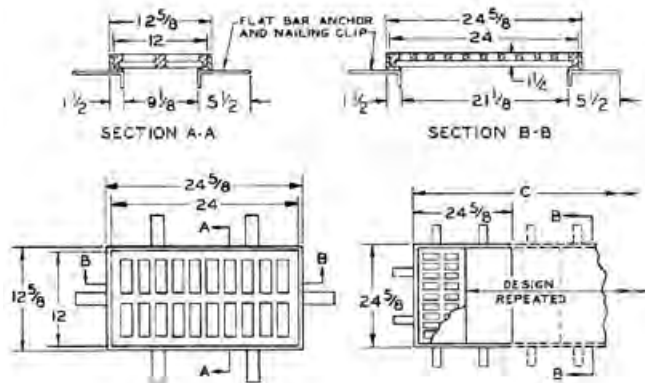
SPECIFICATION:

JOSAM 76800 SERIES COATED CAST IRON 24" x 12" RECTANGULAR
HEAVY-DUTY SECTIONAL TRENCH GRATE.

TRENCH DRAIN
HEAVY-DUTY RECTANGULAR

SERIES **76800**

SLOT WIDTH 4-1/4" x 1-1/2" (-1 & -8-2 SLOT WIDTH 4-1/4" x 1-1/2")



☐ **768**__

(INDICATE ## OF GRATES)

'C' = (# OF GRATES x 12") + 5/8"
INSIDE CHANNEL WIDTH = 'C' - 3"
GRATE FREE AREA (EACH) 100 SQ. IN.
GRATE ONLY DIMS = 24" x 12" x 5/8"
FRAME MADE OF 1-1/2" x 1-1/2" x 1/4" ANGLE

<input type="checkbox"/>	-1	SATIN FINISH NIKALOY GRATE, STAINLESS STEEL FRAME
<input type="checkbox"/>	-7	DUCTILE IRON GRATE
<input type="checkbox"/>	-8-2	ALL BRONZE WITH SATIN FINISH TOP
<input type="checkbox"/>	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
<input type="checkbox"/>	-40	GALVANIZED

DRAWING No. 07/01/08

A-15576-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

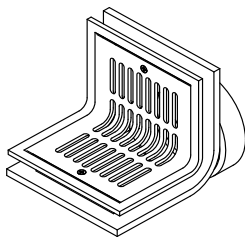
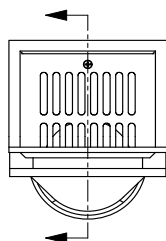
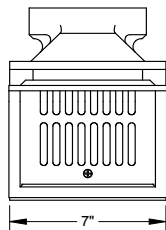
JOSAM SERIES 85220 COATED CAST IRON 5" X 7" - 90° ANGLE PIT DRAIN WITH ANCHOR FLANGE, SECURED BAR TYPE ANGLE GRATE WITH FRAME AND SIDE OUTLET THREADED CONNECTION.

MISC. PRODUCTS

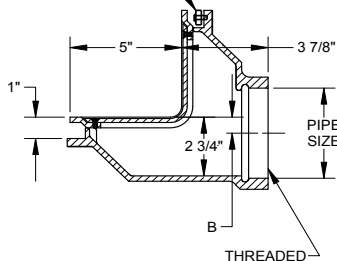
5" X 7" 90° ANGLE STRAINER

SERIES **85220**

GRATE FREE AREA = 11.5 IN²



FLASHING CLAMP
DEVICE OPTIONAL



OPTIONS:

MODEL	PIPE SIZE	B
85222	2"	1-3/4"
85223	3"	1-1/4"
85224	4"	3/4"

-3	CHROME PLATED BRONZE FACE
-VP	SECURED FACE, VP SCREWS
-41	CLAMP DEVICE
-42	GROUND SCREW
-47	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 01/19/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

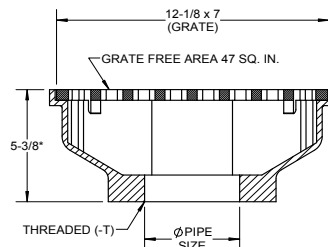
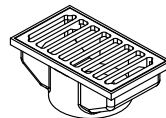
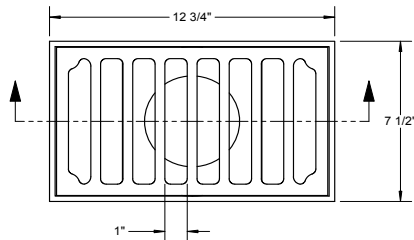
SPECIFICATION:

JOSAM 85800 SERIES COATED CAST IRON 12-3/4" x 7-1/2" DRAIN, LOOSE-SET ANTI-TILTING GRATE AND BOTTOM OUTLET THREADED CONNECTION.

MISCELLANEOUS PRODUCTS

RECTANGULAR PATTERN

SERIES **85800**



PIPE SIZE
4"
5"
6"

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-3	CHROME PLATED BRONZE FACE

-VP	SECURED FACE, VANDAL-PROOF SCREWS
-42	GROUND SCREW
-47	GALVANIZED CAST IRON PARTS

*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

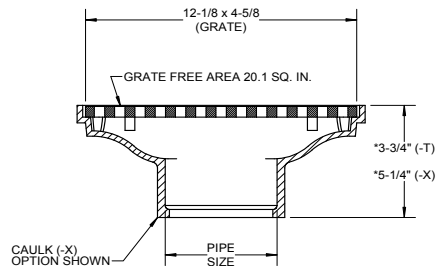
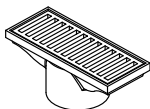
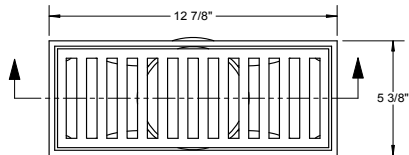
SPECIFICATION:

JOSAM 85810 SERIES COATED CAST IRON 12-7/8" x 5-3/8" DRAIN,
LOOSE-SET ANTI-TILTING GRATE AND BOTTOM OUTLET.

MISCELLANEOUS PRODUCTS

RECTANGULAR PATTERN

SERIES **85810**



PIPE SIZE	
	2"
	3"
	4"

* ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-3	CHROME PLATED BRONZE FACE
-VP	SECURED FACE, VANDAL-PROOF SCREWS

-42	GROUND SCREW
-47	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

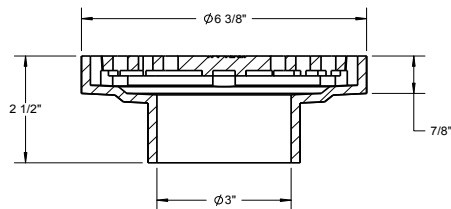
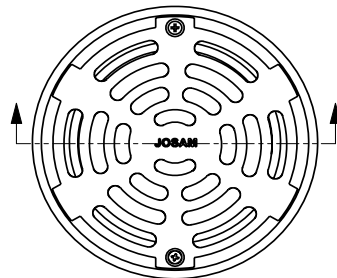
SPECIFICATION:

JOSAM SERIES 85903 COATED CAST IRON DRAIN WITH
NO-HUB CONNECTION AND MEDIUM-DUTY SECURED
GRATE.

DRAIN
MEDIUM-DUTY

SERIES **85903-Z**

GRATE FREE AREA: 11 IN²
SLOT WIDTH: 3/8"



DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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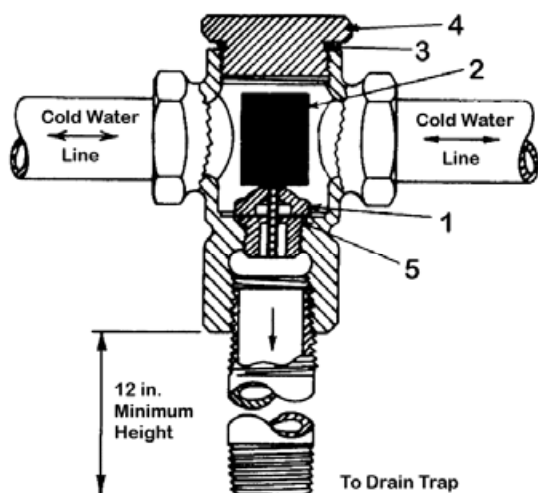
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

TRAP SEAL PRIMER VALVE

INSTRUCTIONS

APPLICATION - INSTALLATION - OPERATION - MAINTENANCE



ITEM NO.	DESCRIPTION
1	Valve Seat
2	Poppet Assembly
3	O-Ring
4	Cap
5	O-Ring

APPLICATION

This valve, when properly installed in a cold water supply line and connected to a floor drain trap, will ensure a constant seal of fresh water in the drain trap. Frequently, without such a device, the water seal will evaporate from the trap and allow sewer gas and vermin to enter buildings from the sewer lines.

OPERATING PRINCIPLE

As water is drawn through the supply line by an appliance or water closet, the resulting flow tips the valve mechanism to one side which meters water from the supply line into the primer trap line. Water flow can be observed at the bottom outlet side slots. These side slots act as a vacuum breaker.

INSTALLATION REQUIREMENTS

1. Water lines to which the primer valve will be connected must be clear of dirt.
2. Primer valve must be mounted vertically with sufficient clearance above valve to remove Cap. Connect primer valve to a horizontal cold water supply line near the drain trap.
3. The pipe connecting the primer valve bottom outlet to the drain trap should be at least 1/2 in. inside diameter and must be vertically straight for at least one foot directly below the primer valve.
4. Elbows, tees and reducers must not be connected to the primer valve bottom outlet because they will cause water to flow out through the outlet side slots.
5. The Cap, Valve Seat, Poppet Assembly and O-Rings must be removed prior to any soldering that may be required.
6. Check all connections for leaks and repair as needed. No adjustments are required.

MAINTENANCE INSTRUCTIONS

1. Close supply line valve to shut off water pressure to the primer valve.
2. Remove Cap with a 1-1/4 in. hex wrench. Lift out Poppet Assembly.
3. Unscrew Valve Seat with a 5/8 in. thin wall socket wrench.
4. Insert new Valve Seat and O-Ring in Valve Body and tighten Valve Seat.
5. Place Poppet Assembly on Valve Seat. Small stem must extend into seat orifice.
6. Attach Cap and O-Ring to Valve Body and tighten Cap.

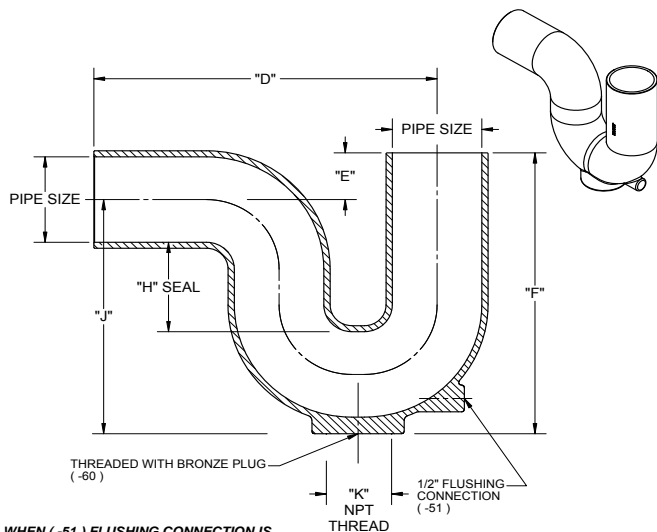
Open water supply line valve. Check for leaks around Cap. Observe flow of water into trap when water is flowing through supply line. No Adjustments are required.

SPECIFICATION:

JOSAM SERIES 88100 COATED CAST IRON P-TRAP WITH SPIGOT INLET AND SIDE SPIGOT OUTLET.

TRAPS & ACCESSORIES**P-TRAP**

SERIES **88100**



WHEN (-51) FLUSHING CONNECTION IS SELECTED, A VACUUM BREAKER SHOULD ALSO BE INSTALLED SUBJECT TO CODE REQUIREMENTS

			"D"	"E"	"F"	"H"	"J"	"K"
	2"	PIPE SIZE	9-5/16	1-5/16	8-1/8	3-1/4	6-13/16	1-1/2
	3"	PIPE SIZE	11-1/2	1-3/4	9-3/4	3	8	2
	4"	PIPE SIZE	15-3/8	2	13-1/4	4-1/8	11-1/4	3
	-51	1/2" FLUSHING TAP						
	-60	BRONZE PLUG						

DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

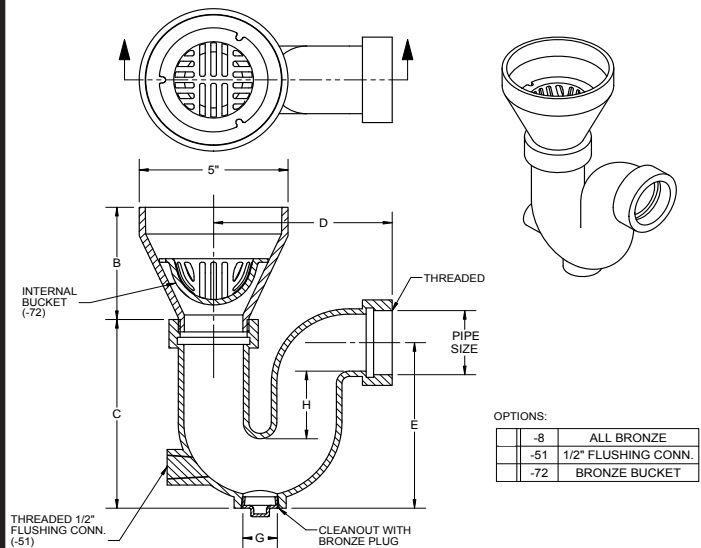
NOTES

SPECIFICATION:

JOSAM 88210 SERIES COATED CAST IRON DEEP SEAL "P" TRAP WITH INDIRECT WASTE FUNNEL INLET AND THREADED SIDE OUTLET CONNECTION.

TRAPS & ACCESSORIES**DEEP SEAL TRAP, FUNNEL INLET**

SERIES **88210**

**OPTIONS:**

-8	ALL BRONZE
-51	1/2" FLUSHING CONN.
-72	BRONZE BUCKET

NOTE: SUBJECT TO CODE REQUIREMENTS, A VACUUM BREAKER MAY NEED TO BE INSTALLED WHEN -51 OPTION IS SPECIFIED

	PIPE SIZE	B	C	D	E	G	H
	2"	4	6-5/8	6	5-3/4	1	2-3/8
	3"	5	8-1/2	8-1/4	8	2	3-1/4

DATE OF LAST CHANGE: 10/27/10

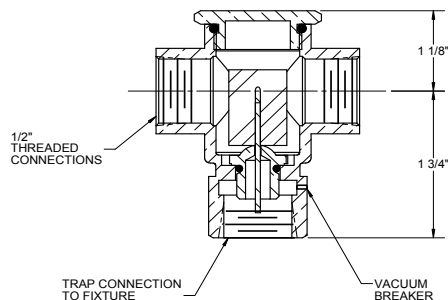
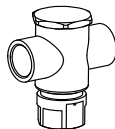
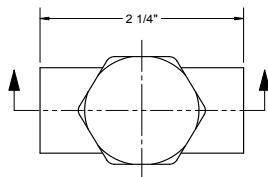
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 88250 SERIES BRONZE PRIMER VALVE WITH INTEGRAL VACUUM BREAKER AND GASKETED ACCESS COVER FOR INSTALLATION IN A COLD WATER SERVICE LINE TO A SINGLE PLUMBING FIXTURE WITH TRAP CONNECTION FOR MAINTAINING TRAP SEAL.

TRAPS & ACCESSORIES
TRAP SEAL PRIMER VALVE
SERIES 88250


-10	POLISHED CHROME PLATED
-90	1/2" FEMALE COPPER CONNECTION
-91	1/2" FEMALE UNION CONNECTION

DATE OF LAST CHANGE: 05/15/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

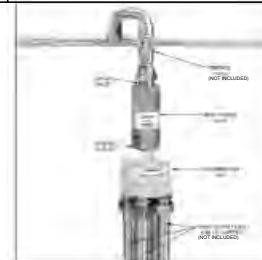
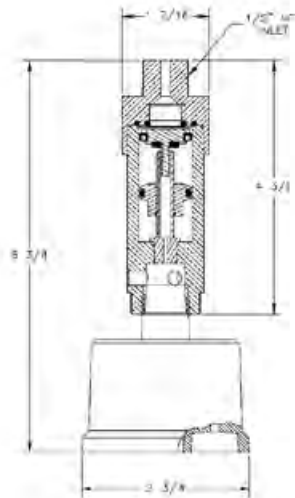
NOTES

SPECIFICATION:

JOSAM SERIES 88300 BRASS TRAP PRIMER VALVE WITH 1/2" NPT INLET, INTEGRAL BACKFLOW PREVENTER, VACUUM BREAKER PORT, AND PLASTIC DISTRIBUTION UNIT FOR TWO TO FOUR PLUMBING FIXTURES.

TRAP PRIMER VALVE
SERIES 88300

ACTIVATES AT 10 PSIG DROP
OPERATING PRESSURE: 20 - 80 PSIG
UPC ASSE 1018 APPROVED



TYPICAL INSTALL

BRASS PRIMER VALVE: 88280
PLASTIC DIST. UNIT: 88290

DATE OF LAST CHANGE: 02/26/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

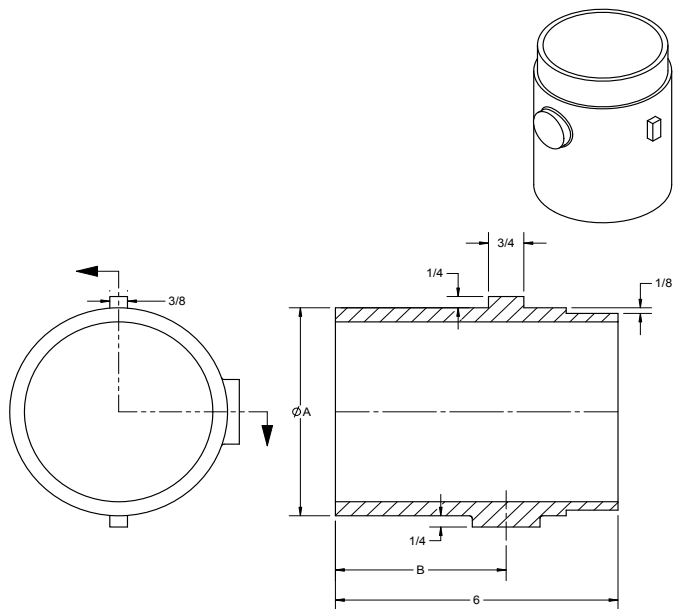
NOTES

SPECIFICATION:

JOSAM 88400 SERIES COATED CAST IRON SPIGOT ADAPTER WITH NO-HUB BY NO-HUB CONNECTION.

SPIGOT ADAPTER NO-HUB

SERIES **88400**



-40	GALVANIZED CAST IRON PARTS
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

PIPE SIZE	A	B
2"	2 5/16	2 1/4
3"	3 1/2	3 1/2
4"	4 5/8	3 3/4
6"	6 1/4	3 7/8
8"	8 1/2	4

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

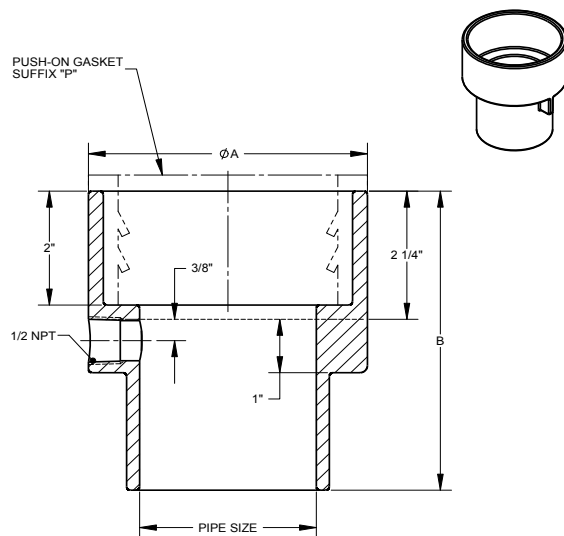
NOTES

SPECIFICATIONS:

JOSAM 88450 SERIES COATED CAST IRON TRAP PRIMER ADAPTER WITH NO-HUB BY GASKETED (SUFFIX "P") HUB CONNECTIONS.

TRAP PRIMER ADAPTER

SERIES **88450**



MODEL NO.	MODEL NO. (INCL. GASKET)	PIPE SIZE	A	B
88452	88452P	2"	3-5/8"	5"
88453	88453P	3"	4-3/4"	5-1/4"
88454	88454P	4"	5-3/4"	5-3/4"

DATE OF LAST CHANGE: 10/10/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

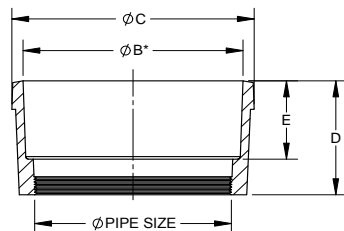
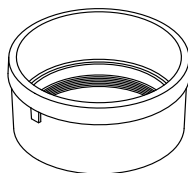
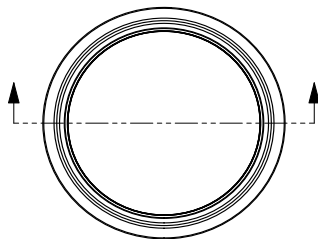
JOSAM 88550 SERIES COATED CAST IRON HUB ADAPTER WITH STANDARD CAST IRON SOIL PIPE HUB AND FEMALE THREADED OUTLET.

TRAPS & ACCESSORIES

HUB ADAPTER, THREADED OUTLET

SERIES

88550



	TYPE NO.	PIPE SIZE	B*	C	D	E	LBS.
	88553	3	4-1/4	5-1/4	3	2-1/4	5
	88554	4	5-3/8	6-1/4	2-7/8	2-3/8	5
	88555	5	6-1/4	7-1/4	3-1/2	2-7/8	7
	88556	6	7-1/2	8-1/4	3-5/8	3	8

* MEETS ASTM A-74 XH CAST IRON SOIL PIPE STANDARD

|| -40 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 11/08/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

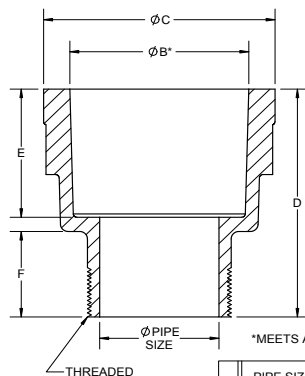
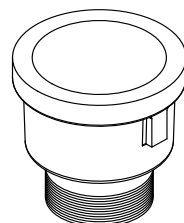
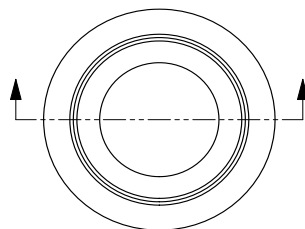
JOSAM 88560 SERIES COATED CAST IRON HUB ADAPTER WITH STANDARD CAST IRON SOIL PIPE HUB AND MALE THREADED OUTLET.

TRAPS & ACCESSORIES

HUB ADAPTER, THREADED OUTLET

SERIES

88560



* MEETS ASTM A-47 XH CAST IRON SOIL PIPE STANDARD

	PIPE SIZE	B*	C	D	E	F
	2"	3	3-7/8	4	2-1/4	1-1/2
	3"	4-1/4	5-1/8	4-1/4	2-3/8	1-1/2
	4"	5-1/4	6-1/8	4-3/8	2-3/8	1-5/8
	5"	6-1/4	7-1/8	4-3/8	2-3/8	1-3/4
	6"	7-1/4	8	4-3/8	2-3/8	1-5/8
	8"	9-1/4	10-1/2	4-3/8	2-1/4	1-3/4

|| -40 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 4/24/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

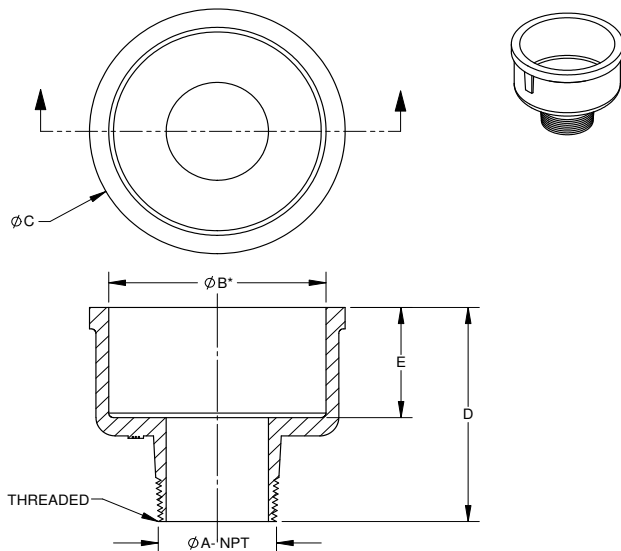
NOTES

SPECIFICATION:

JOSAM 88600 SERIES COATED CAST IRON HUB ADAPTER WITH STANDARD CAST IRON SOIL PIPE HUB AND MALE THREADED OUTLET.

TRAPS & ACCESSORIES**REDUCING HUB ADAPTER**

SERIES

88600

TYPE	PIPE SIZE OUTLET	PIPE SIZE INLET	A	B*	C	D	E
88603-2	2"	3"	2	4-1/4	5	4-3/8	2-1/4
88603-2 1/2	2-1/2"	3"	2-1/2	4-1/4	4-7/8	3-5/8	2-1/4
88604-2	2"	4"	2	5-1/4	6	4-3/8	2-1/4
88604-2 1/2	2-1/2"	4"	2-1/2	5-1/4	6	4-1/4	2-1/4
88604-3	3"	4"	3	5-1/4	6	4-3/8	2-1/4
88606-4	4"	6"	4	7-1/4	8	4-3/8	2-1/4

* MEETS ASTM A-74 XH CAST IRON SOIL PIPE STANDARD

[-40] GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 4/7/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

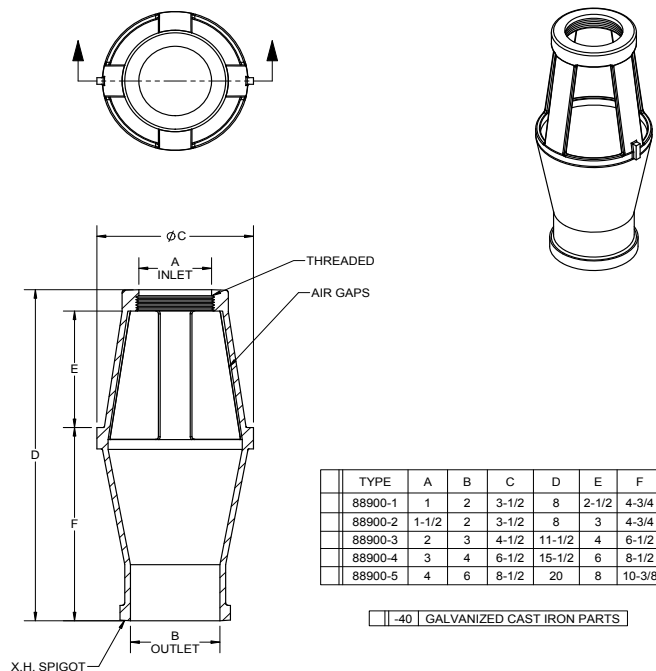
NOTES

SPECIFICATION:

JOSAM 88900 SERIES COATED CAST IRON AIR GAP WITH INTEGRALLY CAST AIR PORTS, THREADED INLET AND EXTRA-HEAVY SPIGOT OUTLET.

TRAPS AND ACCESSORIES**AIR GAP**

SERIES

88900

TYPE	A	B	C	D	E	F
88900-1	1	2	3-1/2	8	2-1/2	4-3/4
88900-2	1-1/2	2	3-1/2	8	3	4-3/4
88900-3	2	3	4-1/2	11-1/2	4	6-1/2
88900-4	3	4	6-1/2	15-1/2	6	8-1/2
88900-5	4	6	8-1/2	20	8	10-3/8

[-40] GALVANIZED CAST IRON PARTS

NOTE: INSTALL AIR GAP IN EXPOSED LOCATION WHERE MINOR SPLASHING WILL NOT BE A PROBLEM

DATE OF LAST CHANGE: 4/24/15

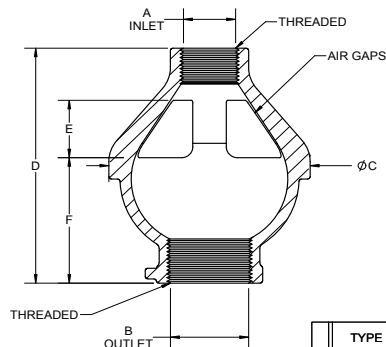
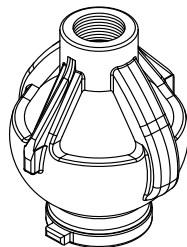
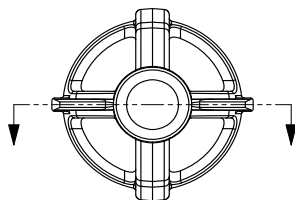
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 88910 SERIES COATED CAST IRON AIR GAP WITH INTEGRALLY CAST AIR PORTS, FEMALE THREADED INLET AND OUTLET.

TRAPS & ACCESSORIES
AIR GAP
SERIES 88910


TYPE	A	B	C	D	E	F
88910-1	1/4	3/4	2	3	1	1-5/8
88910-2	1/2	3/4	2	3	1	1-5/8
88910-3	1/2	1	2	3	1	1-5/8
88910-4	3/4	1-1/2	4-1/2	5-1/2	1-5/8	3
88910-5	1	1-1/2	4-1/2	5-1/2	1-5/8	3

[-40] GALVANIZED CAST IRON PARTS

NOTE: INSTALL AIR GAP IN EXPOSED LOCATION WHERE MINOR SPLASHING WILL NOT BE A PROBLEM.

DATE OF LAST CHANGE: 4/24/15

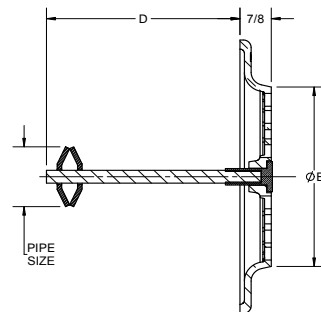
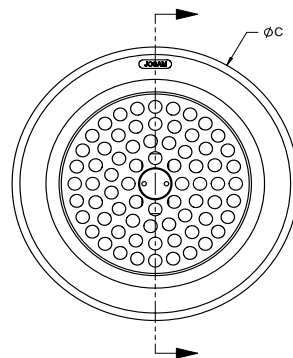
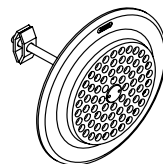
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 88950 SERIES NIKALOY FRESH AIR INLET WITH SATIN PERFORATED GRILLE, STEEL PIPE EXPANSION ANCHORING DEVICE AND VANDAL-PROOF SPANNER LOCKING DEVICE.

TRAPS & ACCESSORIES
FRESH AIR INLET
SERIES 88950


PIPE SIZE	B	C	D	FREE AREA SQ. IN.
2"	5-1/4	8	5-5/8	8
3"	5-1/4	8	5-5/8	8
4"	5-1/4	8	5-5/8	8
5"	7-1/4	10	6-5/8	16
6"	9-1/4	12	7-5/8	26-3/4
8"	11-1/4	14	8-5/8	40

[-2] SATIN FINISH BRONZE FACE

DATE OF LAST CHANGE: 4/24/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

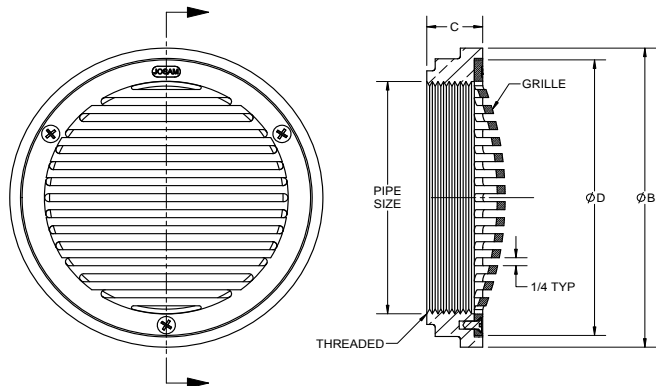
JOSAM 88970 SERIES SATIN FINISH NIKALOY FACE FRESH AIR INLET WITH SATIN SLOTTED CONVEX GRILLE AND FEMALE THREADED OUTLET.

TRAPS & ACCESSORIES

FRESH AIR INLET, CONVEX GRILLE

SERIES

88970



PIPE SIZE	B	C	D	FREE AREA SQ. IN.
4"	6	1 1/8	5 1/2	9
5"	7	1 1/4	6 1/2	14

-8-2	ALL BRONZE WITH SATIN FINISH FACE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 4/24/15

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MICHIGAN CITY, INDIANA

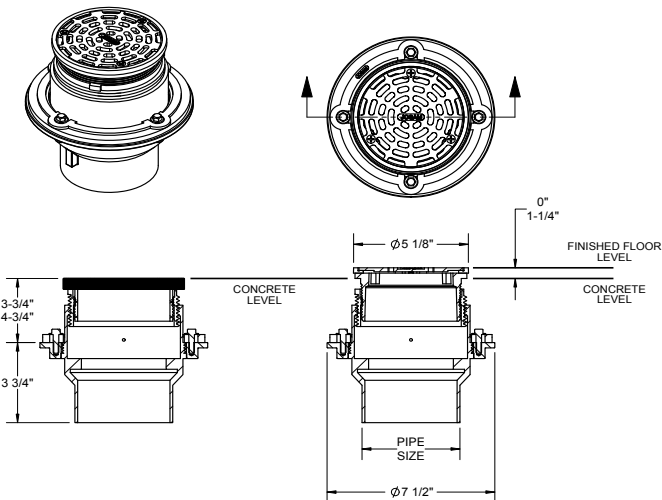
NOTES

SPECIFICATION:

JOSAM SERIES FD-100-A "LEVELEZE II" CAST IRON FLOOR DRAIN WITH 5" ROUND NIKALLOY TOP, 2-STAGE HEIGHT ADJUSTMENT, AND BOTTOM OUTLET.

**LITE LINE
FLOOR DRAIN
LEVELEZE II, 5" TOP**

SERIES **FD-100-A**



OPTIONS:

MODEL	PIPE SIZE
FD-102-A	2"
FD-103-A	3"
FD-104-A	4"
FD-105-A*	5"-Z

OPTION	DESCRIPTION
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB OUTLET

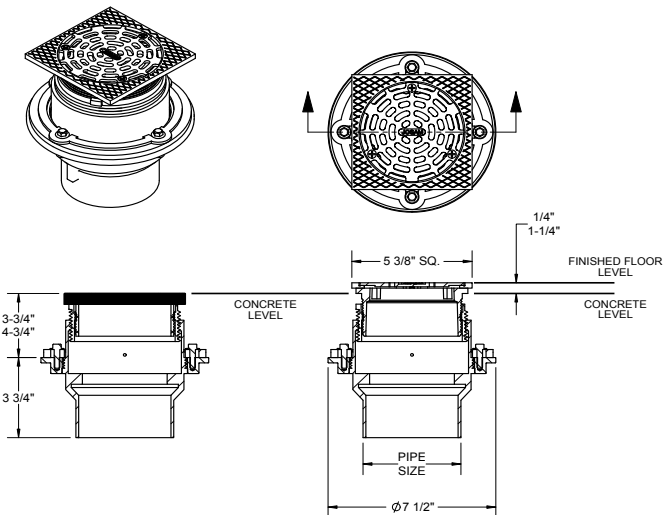
* 5" AVAIL. IN NO-HUB ONLY

SPECIFICATION:

JOSAM SERIES FD-100-S "LEVELEZE II" CAST IRON FLOOR DRAIN WITH 5" SQUARE NIKALLOY TOP, 2-STAGE HEIGHT ADJUSTMENT, AND BOTTOM OUTLET.

**LITE LINE
FLOOR DRAIN
LEVELEZE II, 5" TOP**

SERIES **FD-100-S**



OPTIONS:

MODEL	PIPE SIZE
FD-102-S	2"
FD-103-S	3"
FD-104-S	4"
FD-105-S*	5"-Z

OPTION	DESCRIPTION
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB OUTLET

* 5" AVAIL. IN NO-HUB ONLY

DATE OF LAST CHANGE: 11/14/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

DATE OF LAST CHANGE: 11/14/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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SPECIFICATION:

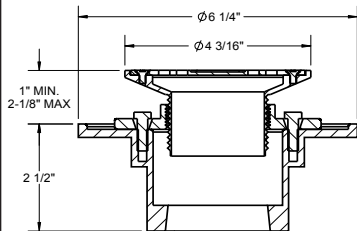
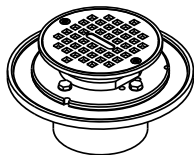
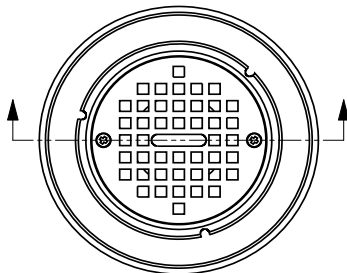
JOSAM SERIES FD-200-4CP COATED CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH INVERTIBLE CLAMP COLLAR AND DRAINAGE SLOTS AND 4" ROUND ADJUSTABLE CHROME-PLATED BRASS STRAINER.

FLOOR DRAIN

ADJUSTABLE TOP
WITH 2" BOTTOM OUTLET

SERIES **FD-200-4CP**

GRATE FREE AREA: 3.75 in²
MEETS ADA AND HEEL-PROOF REQS.



2" NPT THREADED
OR NO-HUB OUTLET

OUTLET:

-T	NPT THREADED
-Z	NO-HUB

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

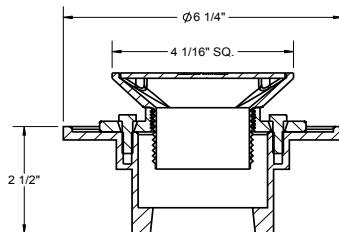
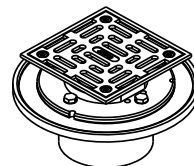
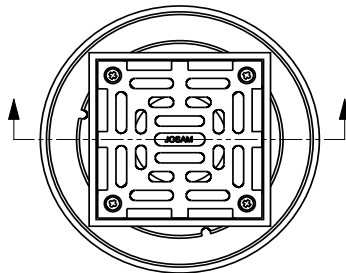
JOSAM SERIES FD-200-4CP-SQ COATED CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH INVERTIBLE CLAMP COLLAR AND DRAINAGE SLOTS AND 4" SQUARE ADJUSTABLE CHROME-PLATED BRASS STRAINER.

FLOOR DRAIN

ADJUSTABLE TOP
WITH 2" BOTTOM OUTLET

SERIES **FD-200-4CP-SQ**

GRATE FREE AREA: 5.5 in²
MEETS ADA AND HEEL-PROOF REQS.



2" NPT THREADED
OR NO-HUB OUTLET

OUTLET:

-T	NPT THREADED
-Z	NO-HUB

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

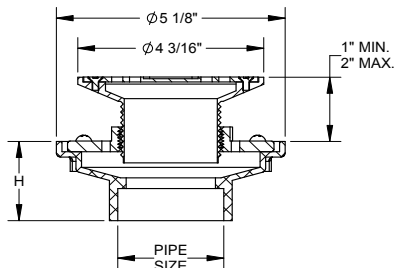
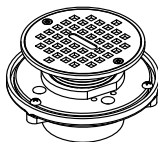
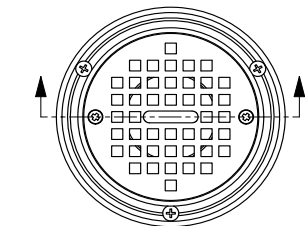
SPECIFICATION:

JOSAM SERIES FD-210-4CP FLOOR DRAIN WITH PVC BODY, INVERTIBLE CLAMP COLLAR WITH DRAINAGE SLOTS, AND 4" ROUND ADJUSTABLE CHROME-PLATED BRASS STRAINER.

FLOOR DRAIN
PVC

SERIES **FD-210-4CP**

GRATE FREE AREA: 3.75 in²
MEETS ADA AND HEEL-PROOF REQ.



MODEL	PIPE SIZE	H
FD-212	2"	2-1/8
FD-213	3"	2-3/4
FD-214	4"	2-3/4

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

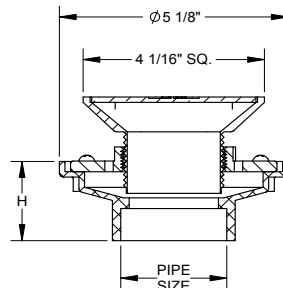
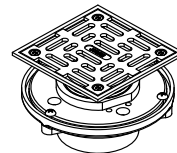
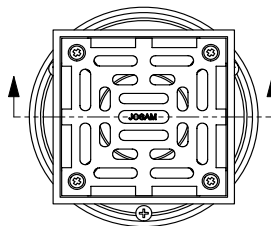
SPECIFICATION:

JOSAM SERIES FD-210-4CP-SQ FLOOR DRAIN WITH PVC BODY, INVERTIBLE CLAMP COLLAR WITH DRAINAGE SLOTS, AND 4" SQUARE ADJUSTABLE CHROME-PLATED BRASS STRAINER.

FLOOR DRAIN
PVC

SERIES **FD-210-4CP-SQ**

GRATE FREE AREA: 3.75 in²
MEETS ADA AND HEEL-PROOF REQ.



MODEL	PIPE SIZE	H
FD-212	2"	2-1/8
FD-213	3"	2-3/4
FD-214	4"	2-3/4

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

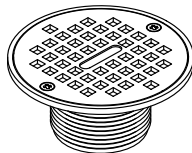
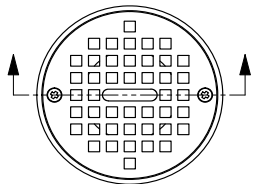
SPECIFICATION:

JOSAM SERIES 4CP AND 4CP-SQ ADJUSTABLE CHROME-PLATED BRASS STRAINER ASSEMBLY.

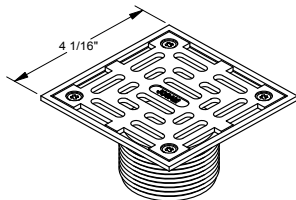
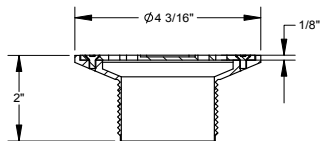
LITE LINE
FLOOR DRAIN STRAINER

SERIES **4CP, 4CP-SQ**

MEETS ADA AND HEEL-PROOF REQUIREMENTS.
1/4" OPENINGS

**4CP**

FREE AREA: 3.8 IN²

**4CP-SQ**

FREE AREA: 5.5 IN²

DATE OF LAST CHANGE: 11/16/13

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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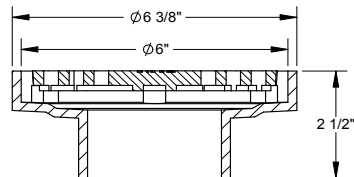
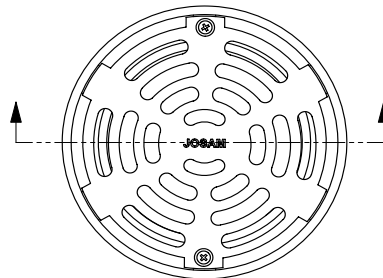
SPECIFICATION:

JOSAM SERIES FD-220 COATED CAST IRON FLOOR DRAIN WITH
SLOTTED CAST IRON MEDIUM-DUTY SUPER-FLO GRATE AND
BOTTOM OUTLET CONNECTION.

FLOOR DRAIN
CAST IRON

SERIES **FD-220**

SLOT WIDTH: 1/4" (MEETS ADA AND HEEL-PROOF REQS.)
FREE AREA = 12 IN²



	OUTLET	DESCRIPTION
	3"	NO-HUB
	2" -Y	PROVIDED WITH PUSH-ON GASKET

DATE OF LAST CHANGE: 05/07/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

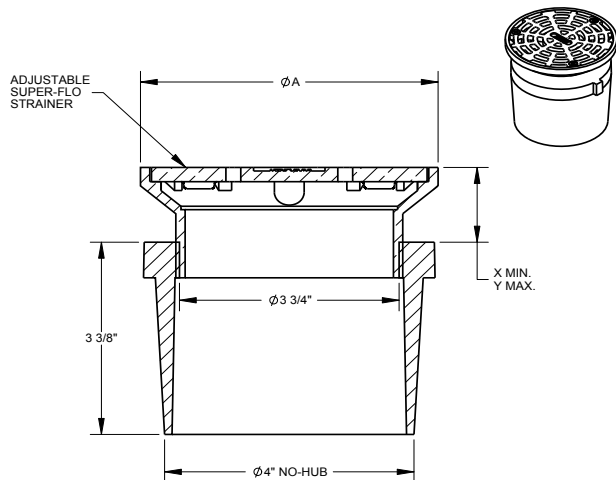
NOTES

SPECIFICATION:

JOSAM SERIES FD-250J-A COATED CAST IRON FLOOR DRAIN WITH
JOSAM ADJUSTABLE ROUND NIKALOY STRAINER.

FLOOR DRAIN
4" NO-HUB
ROUND ADJUSTABLE STRAINER

SERIES **FD-250J-A**



ADJUSTABLE STRAINERS					
TYPE NO.	C	X	Y	FREE AREA	
5A	5	3/4	2-1/8	7.8	
6A	6	1-1/4	2-3/8	11.0	
7A	7	1-1/8	2-7/8	13.2	
8A	8	1-5/8	2-5/8	16.2	

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5A,6A)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 05/07/12

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MICHIGAN CITY, INDIANA

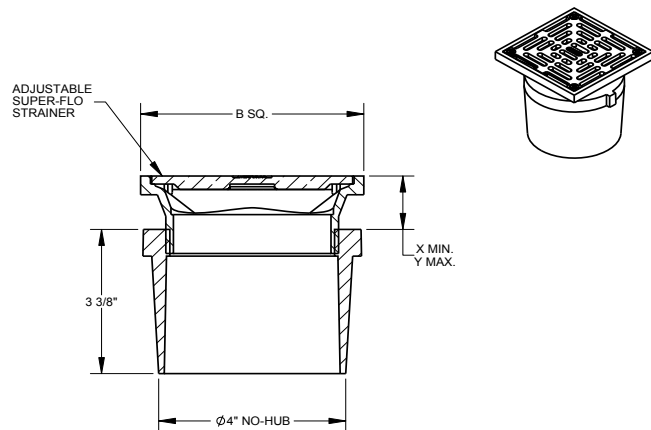
NOTES

SPECIFICATION:

JOSAM SERIES FD-250J-S COATED CAST IRON FLOOR DRAIN WITH
JOSAM ADJUSTABLE SQUARE NIKALOY STRAINER.

FLOOR DRAIN
4" NO-HUB
SQUARE ADJUSTABLE STRAINER

SERIES **FD-250J-S**



ADJUSTABLE STRAINERS					
TYPE NO.	B	X	Y	FREE AREA	
5S	5	3/4	1-3/4	9.1	
6S	6	3/4	2	13.8	
8S	8	1	2-1/2	24.5	

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5S,6S)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 05/24/12

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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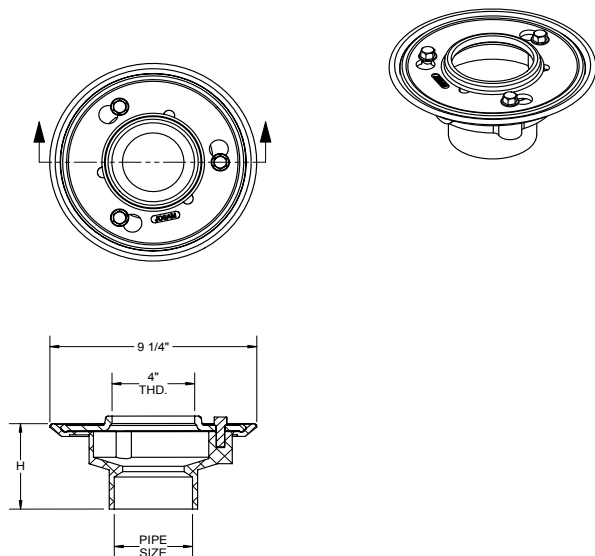
SPECIFICATION:

JOSAM FD-300 SERIES PVC FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE-DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING CLAMP COLLAR WITH WEEPHOLES, AND SOLVENT WELD BOTTOM OUTLET FOR SCHED 40 PIPE.

FLOOR DRAIN

PVC

SERIES

FD-300

PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

DATE OF LAST CHANGE: 11/16/13

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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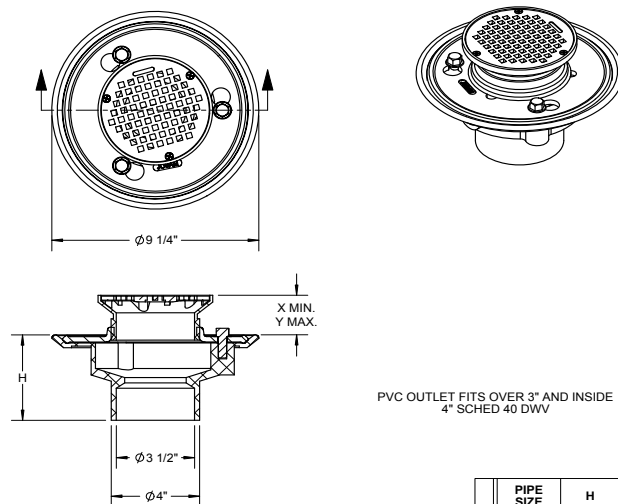
SPECIFICATION:

JOSAM FD-300-A SERIES PVC FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE-DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING CLAMP COLLAR WITH WEEPHOLES, SOLVENT WELD BOTTOM OUTLET FOR SCHED 40 PIPE, WITH ADJUSTABLE 5" ROUND TOP.

FLOOR DRAIN

PVC

SERIES

FD-300-A

PVC OUTLET FITS OVER 3" AND INSIDE
4" SCHED 40 DWV

PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

OPTIONS:

		X	Y
~J5PVC	PVC STRAINER	3/4"	2-3/4"
~J5NB	NICKEL-BRONZE STRAINER	3/4"	2-1/8"
~J5PB	POLISHED BRONZE STRAINER	3/4"	2-1/8"
~J5SC	SCORiated GASKETED SOLID COVER	3/4"	2-1/8"

DATE OF LAST CHANGE: 05/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

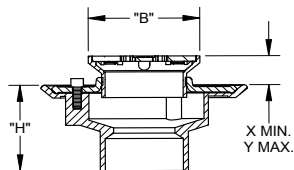
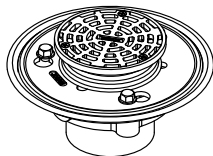
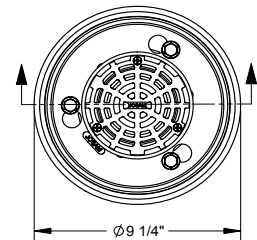
NOTES

SPECIFICATION:

JOSAM FD-300J-A SERIES FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES, SOLVENT-WELD BOTTOM OUTLET FOR SCHEDULE 40 PIPE AND ROUND SUPER-FLO NIKALOY ADJUSTABLE STRAINER.

FLOOR DRAIN

PVC

SERIES **FD-300J-A****OPTIONS:**

-49	3/4" PRIMER TAP
-2	BRONZE ADJUSTABLE STRAINER
-VP	SECURED GRATE
-CP	5A AND 6A ONLY

STRAINER	B	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2

PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

DATE OF LAST CHANGE: 05/04/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

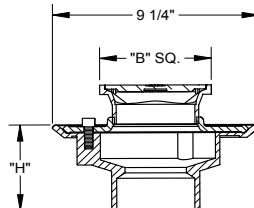
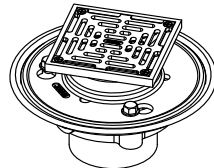
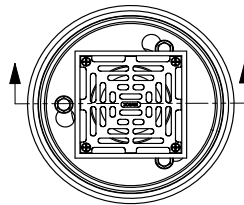
NOTES

SPECIFICATION:

JOSAM FD-300J-S SERIES FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES, SOLVENT-WELD BOTTOM OUTLET FOR SCHEDULE 40 PIPE AND SQUARE SUPER-FLO NIKALOY ADJUSTABLE STRAINER.

FLOOR DRAIN

PVC

SERIES **FD-300J-S****OPTIONS:**

-49	3/4" PRIMER TAP
-2	BRONZE ADJUSTABLE STRAINER
-VP	SECURED GRATE
-CP	5S AND 6S ONLY

STRAINER	B	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

DATE OF LAST CHANGE: 05/24/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

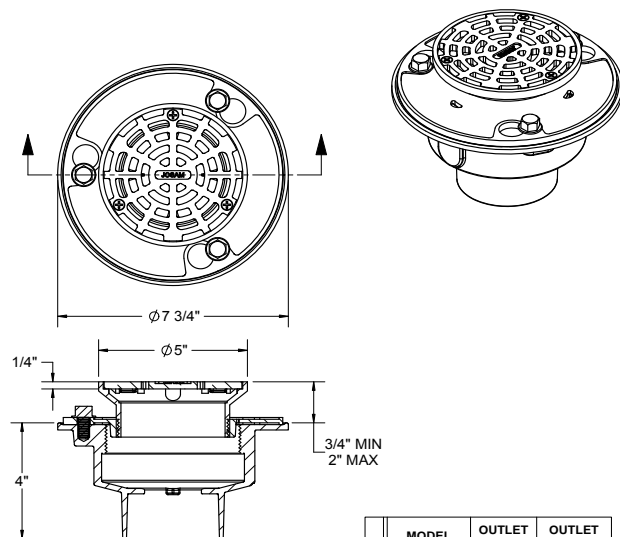
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM FD-310 SERIES 2-PIECE COATED CAST IRON FLOOR DRAIN, 1/2" PRIMER TAP WITH PLUG, INVERTIBLE CLAMP COLLAR, AND 5" ADJUSTABLE ROUND NIKALOY STRAINER.

FLOOR DRAIN
5" TOP CAST IRON

 SERIES **FD-310**
**OPTIONS:**

-VP	SECURED GRATE, VANDAL PROOF SCREWS
-80	PERFORATED STAINLESS STEEL BASKET

DATE OF LAST CHANGE: 02/27/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

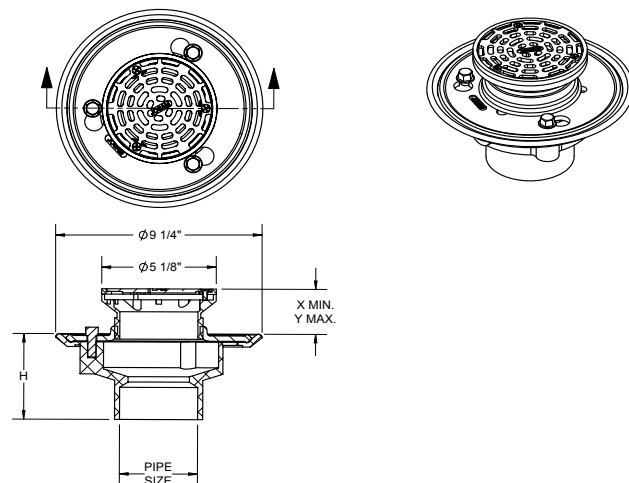
JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM FD-350-A SERIES PVC FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING CLAMP COLLAR WITH WEEPHOLES, SOLVENT WELD BOTTOM FOR SCHED 40 PIPE AND ROUND ADJUSTABLE TOP WITH METAL RIM AND GRATE.

FLOOR DRAIN
PVC

 SERIES **FD-350-A**


PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

OPTIONS:

-5NBRG	ROUND NICKEL-BRONZE RIM AND GRATE
-5PBRG	ROUND POLISHED BRONZE RIM AND GRATE
-5SCRG	ROUND SCORIATED GASKETED SOLID COVER

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

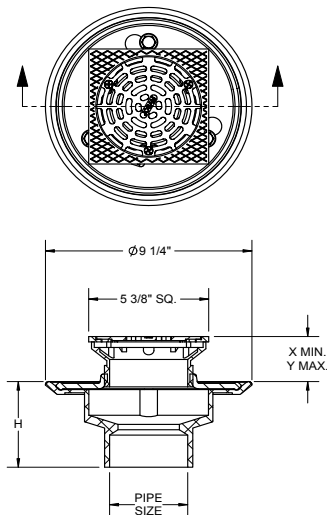
NOTES

SPECIFICATION:

JOSAM FD-350-SQ SERIES PVC FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING CLAMP COLLAR WITH WEEPHOLES, SOLVENT WELD BOTTOM FOR SCHED 40 PIPE AND SQUARE ADJUSTABLE TOP WITH METAL RIM AND GRATE.

FLOOR DRAIN
PVC

SERIES **FD-350-SQ**



PIPE SIZE	H
2"	3-1/4
3"	4
4"	4

OPTIONS:

-5NBRG	NICKEL-BRONZE RIM AND GRATE
-5PBRG	POLISHED BRONZE RIM AND GRATE
-5SCRG	SCORIATED GASKETED SOLID COVER

DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

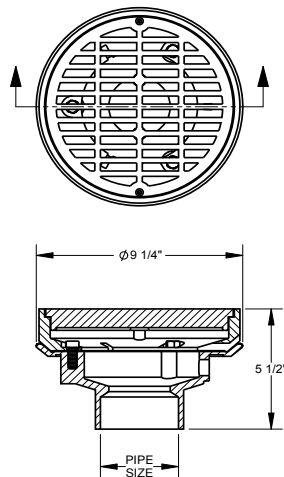
NOTES

SPECIFICATION:

JOSAM FD-370 SERIES PVC FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC NON-PUNCTURING CLAMP COLLAR WITH WEEPHOLES, 9" ROUND PVC GRATE AND SOLVENT WELD BOTTOM OUTLET FOR SCHEDULE 40 PVC PIPE.

FLOOR DRAIN
PVC, 9" ROUND

SERIES **FD-370**



2"	PIPE SIZE - FD-372
3"	PIPE SIZE - FD-373
4"	PIPE SIZE - FD-374
-HG	HALF GRATE
-B	BUCKET
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

OPTIONS:

DATE OF LAST CHANGE: 07/24/2012

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM FD-400 SERIES PVC FLOOR DRAIN WITH ADJUSTABLE 5" ROUND TOP.

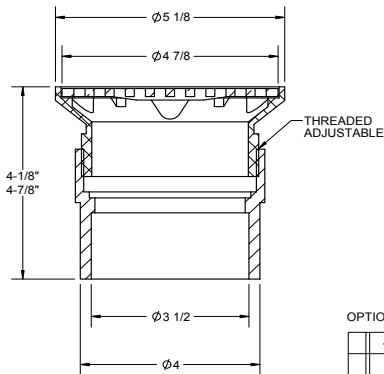
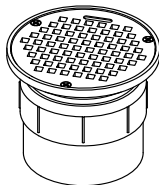
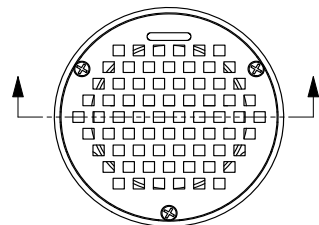
FLOOR DRAIN

PVC

SERIES

FD-400

STRAINER OPENINGS = 1/4" SQ.
SPECIFY STRAINER TYPE OR SOLID COVER BELOW.



PVC OUTLET FITS OVER 3" AND INSIDE 4" SCHED 40 DWV

OPTIONS:

-J5PVC	PVC STRAINER
-J5NB	NICKEL-BRONZE STRAINER
-J5SC	SCORIATED GASKETED SOLID COVER

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

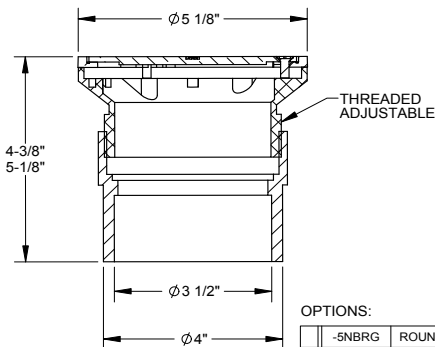
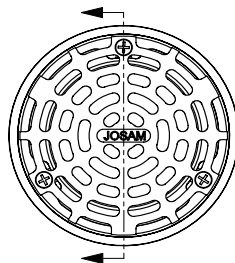
SPECIFICATION:

JOSAM FD-450 SERIES PVC FLOOR DRAIN WITH ROUND ADJUSTABLE TOP AND METAL RIM AND GRATE.

FLOOR DRAIN

PVC

SERIES

FD-450

PVC OUTLET FITS OVER 3" AND INSIDE 4" SCHED 40 DWV

OPTIONS:

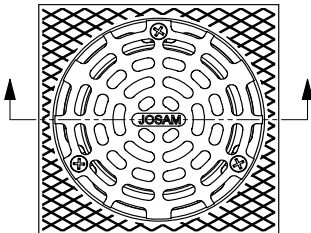
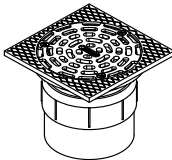
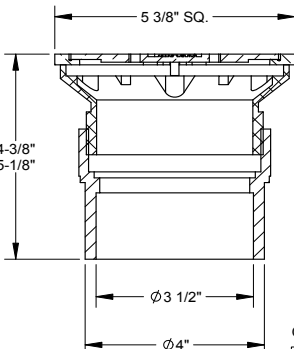
-5NBRG	ROUND NICKEL-BRONZE RIM AND GRATE
-5PBRG	ROUND POLISHED BRONZE RIM AND GRATE
-5SCRG	ROUND SCORIATED GASKETED SOLID COVER
-SQ	SQUARE RIM



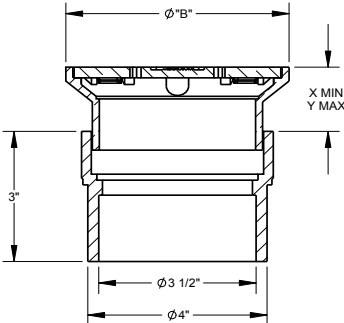
DATE OF LAST CHANGE: 11/16/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION: JOSAM FD-450-SQ SERIES PVC FLOOR DRAIN WITH SQUARE ADJUSTABLE TOP AND METAL RIM AND GRATE.	FLOOR DRAIN PVC SERIES FD-450-SQ						
<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">  <div style="text-align: left;"> <p>OPTIONS:</p> <table border="1" style="border-collapse: collapse; width: 100%;"> <tr> <td style="width: 15%;"><input type="checkbox"/> -5NBRG</td> <td>ROUND NICKEL-BRONZE RIM AND GRATE</td> </tr> <tr> <td><input type="checkbox"/> -5PBRG</td> <td>ROUND POLISHED BRONZE RIM AND GRATE</td> </tr> <tr> <td><input type="checkbox"/> -5SCRG</td> <td>ROUND SCORIATED GASKETED SOLID COVER</td> </tr> </table> </div> </div> <p style="text-align: center; margin-top: 10px;">PVC OUTLET FITS OVER 3" AND INSIDE 4" SCHED 40 DWV</p>		<input type="checkbox"/> -5NBRG	ROUND NICKEL-BRONZE RIM AND GRATE	<input type="checkbox"/> -5PBRG	ROUND POLISHED BRONZE RIM AND GRATE	<input type="checkbox"/> -5SCRG	ROUND SCORIATED GASKETED SOLID COVER
<input type="checkbox"/> -5NBRG	ROUND NICKEL-BRONZE RIM AND GRATE						
<input type="checkbox"/> -5PBRG	ROUND POLISHED BRONZE RIM AND GRATE						
<input type="checkbox"/> -5SCRG	ROUND SCORIATED GASKETED SOLID COVER						
DATE OF LAST CHANGE: 02/28/14 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES					

SPECIFICATION: JOSAM FD-450J-A SERIES PVC DRAIN BODY WITH THREADED ADJUSTABLE SUPER-FLO ROUND NIKALOY STRAINER. COMBINATION 3" X 4" SOLVENT WELD BOTTOM OUTLET FITS OVER 3" OR INSIDE 4" SCHEDULE 40 PVC PIPE.	FLOOR DRAIN PVC SERIES FD-450J-A				
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<input type="checkbox"/> -2	SATIN FINISH BRONZE TOP				
<input type="checkbox"/> -VP	SECURED GRATE, VP SCREWS				
DATE OF LAST CHANGE: 02/27/14 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES			

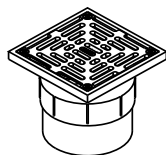
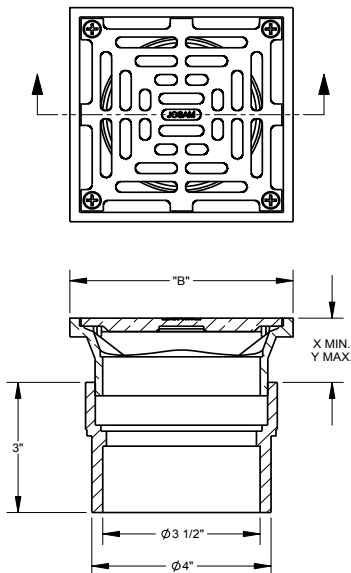
SPECIFICATION:

JOSAM FD-450J-S SERIES PVC DRAIN BODY WITH
THREADED ADJUSTABLE SUPER-FLO SQUARE NIKALOY
STRAINERS. COMBINATION 3" X 4" SOLVENT WELD
BOTTOM OUTLET FITS OVER 3" OR INSIDE 4" SCHEDULE
40 PVC PIPE.

FLOOR DRAIN

PVC

SERIES

FD-450J-S**OPTIONS:**

-2	SATIN FINISH BRONZE TOP
-VP	SECURED GRATE, VP SCREWS

	STRAINER	DIA. B	X	Y	FREE AREA
	-5S	5	1	2	9.1
	-6S	6	1-1/4	2-1/4	13.8
	-8S	8	1-1/2	2-3/4	24.5

DATE OF LAST CHANGE: 02/27/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM FD-500 SERIES PVC NON-ADJUSTABLE FLOOR DRAIN WITH 5"
ROUND TOP AND SOLVENT WELD BOTTOM OUTLET.

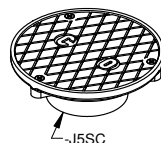
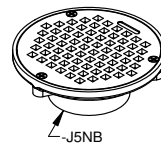
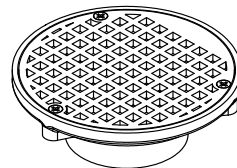
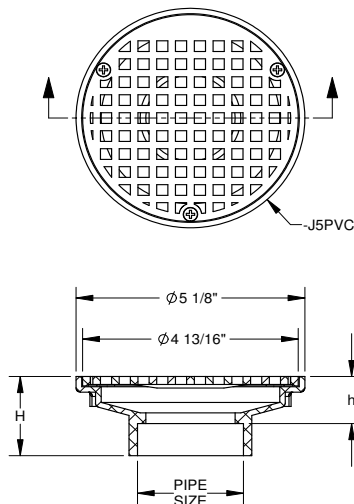
FLOOR DRAIN

PVC

SERIES

FD-500

STRAINER OPENINGS = 1/4" SQ.
SPECIFY BODY AND TOP OPTIONS BELOW.

**BODY:**

	MODEL	PIPE SIZE	H	h
	FD-502	2"	1-7/8	1-1/8
	FD-503	3"	2-5/8	1
	FD-504	4"	2-1/2	3/4

TOP OPTIONS:

Δ	-J5PVC	PVC STRAINER
	-J5NB	NICKEL-BRONZE STRAINER
	-J5SC	SCORIATED GASKETED SOLID COVER

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/24/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

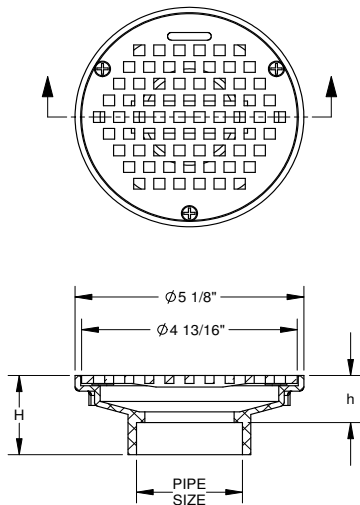
JOSAM FD-500 SERIES PVC NON-ADJUSTABLE FLOOR DRAIN WITH 5" ROUND NIKALOY TOP AND SOLVENT WELD BOTTOM OUTLET.

FLOOR DRAIN

PVC

SERIES **FD-500-J5NB**

STRAINER OPENINGS = 1/4" SQ.
SPECIFY BODY OPTIONS BELOW.

**BODY:**

MODEL	PIPE SIZE	H	h
FD-502	2"	1-7/8	1-1/8
FD-503	3"	2-5/8	1
FD-504	4"	2-1/2	3/4

DATE OF LAST CHANGE: 6/24/14

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MICHIGAN CITY, INDIANA

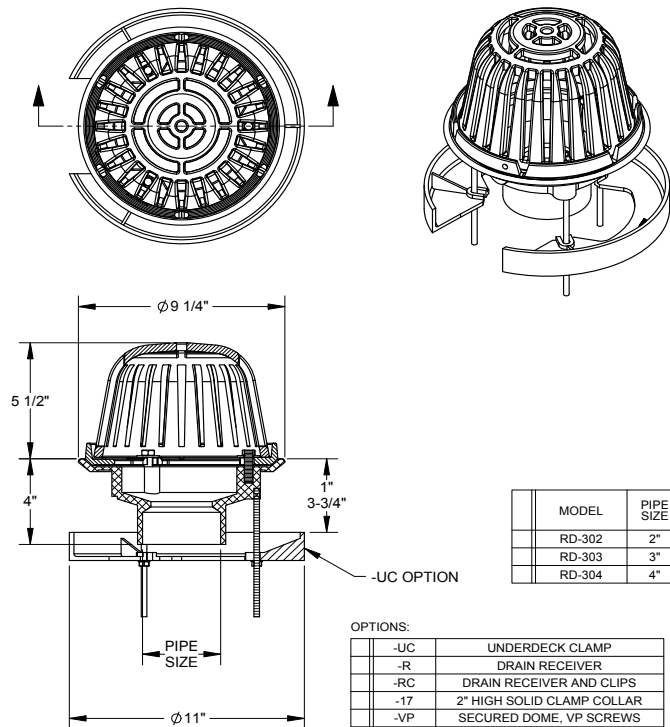
NOTES

SPECIFICATION:

JOSAM SERIES RD-300 ROOF DRAIN WITH PVC ROOF DRAIN BODY,
CAST IRON NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL
STOP, SMALL CAST IRON DOME AND SOLVENT WELD BOTTOM
OUTLET.

ROOF DRAIN

PVC

SERIES **RD-300**

MODEL	PIPE SIZE
RD-302	2"
RD-303	3"
RD-304	4"

OPTIONS:

-UC	UNDERDECK CLAMP
-R	DRAIN RECEIVER
-RC	DRAIN RECEIVER AND CLIPS
-17	2" HIGH SOLID CLAMP COLLAR
-VP	SECURED DOME, VP SCREWS

DATE OF LAST CHANGE: 08/18/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES RD-700 ROOF DRAIN TOP ASSEMBLY WITH FITSALL CLAMP RING WITH INTEGRAL GRAVEL STOP TO FIT BOLT CIRCLE DIAMETERS OF 7-1/2" TO 11", LARGE DOME, AND HARDWARE.

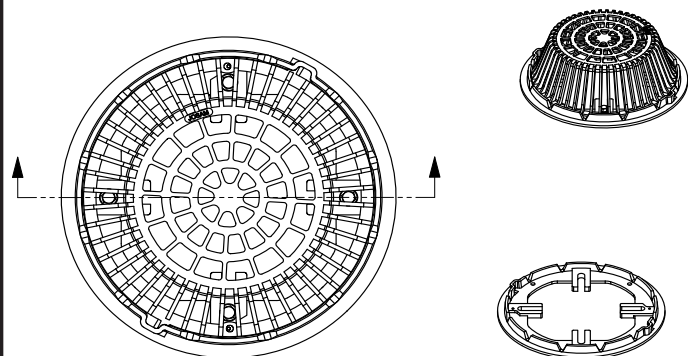
ROOF DRAIN

"FITSALL"
TOP ASSEMBLIES

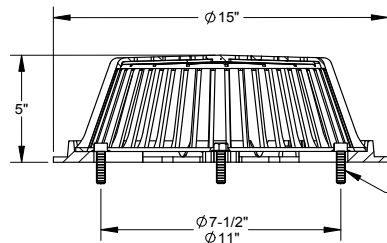
SERIES

RD-700

SPECIFY DOME TYPE BELOW



RD700 CLAMP RING



(4) 3/8"-16
HEX WASHERHEAD BOLTS
SUPPLIED

OPTIONS:

-PD	POLYPROPYLENE DOME
-CD	CAST IRON DOME
-AD	ALUMINUM DOME
-VP	SECURED DOME, VP SCREWS

DATE OF LAST CHANGE: 05/24/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES FS-100 PORCELAIN COATED CAST IRON FLOOR SINK
WITH 8" SQUARE TOP, 6" DEEP, NO-HUB BOTTOM OUTLET,
ALUMINUM DOME STRAINER, AND ANTI-TILT GRATE.

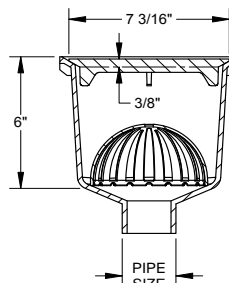
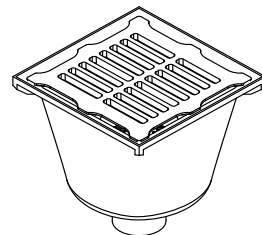
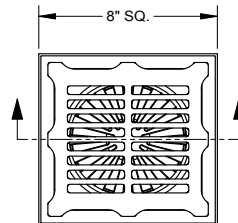
FLOOR SINK

CAST IRON/PORCELAIN COAT

SERIES

FS-100

SLOT WIDTH: 7/16"
FREE AREA: 21 SQ. IN



PIPE SIZE
2"
3"
4"

OPTIONS:

-LG	LESS GRATE
-3	HALF GRATE
-4	3/4 GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESIST FINISH

DATE OF LAST CHANGE: 06/04/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

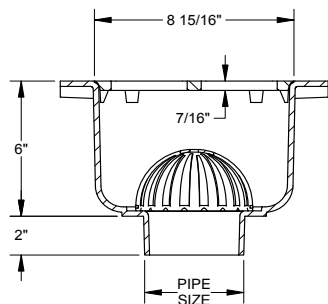
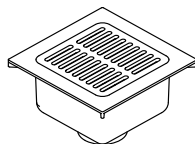
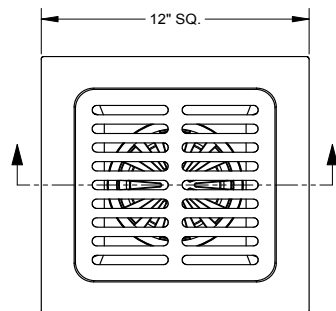
SPECIFICATION:

JOSAM SERIES FS-120 PORCELAIN COATED CAST IRON FLOOR SINK
WITH 12" SQUARE TOP, 6" DEPTH, NO-HUB BOTTOM OUTLET,
ALUMINUM DOME STRAINER, AND ANTI-TILT GRATE.

FLOOR SINK
CAST IRON/PORCELAIN COAT

SERIES **FS-120**

SLOT WIDTH: 3/8"
FREE AREA: 26 SQ. IN

**OPTIONS:**

-LG	LESS GRATE
-3	HALF GRATE
-4	3/4 GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESIST FINISH

PIPE SIZE
2"
3"
4"

DATE OF LAST CHANGE: 06/04/12
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

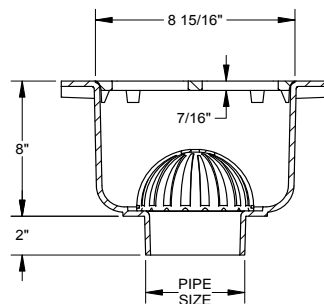
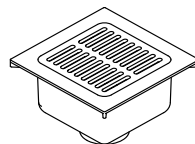
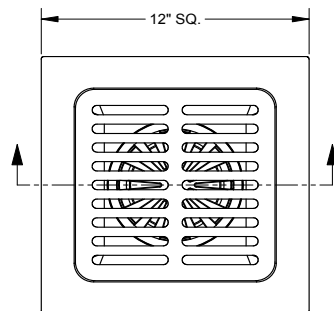
SPECIFICATION:

JOSAM SERIES FS-140 PORCELAIN COATED CAST IRON FLOOR SINK
WITH 12" SQUARE TOP, 8" DEPTH, NO-HUB BOTTOM OUTLET,
ALUMINUM DOME STRAINER, AND ANTI-TILT GRATE.

FLOOR SINK
CAST IRON/PORCELAIN COAT

SERIES **FS-140**

SLOT WIDTH: 3/8"
FREE AREA: 26 SQ. IN

**OPTIONS:**

-LG	LESS GRATE
-3	HALF GRATE
-4	3/4 GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESIST FINISH

PIPE SIZE
2"
3"
4"

DATE OF LAST CHANGE: 06/04/12
DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

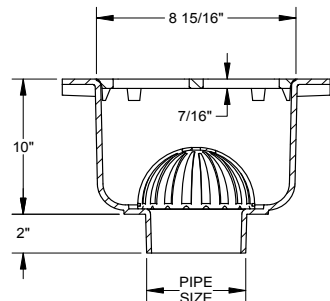
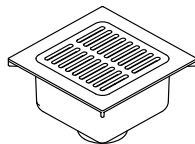
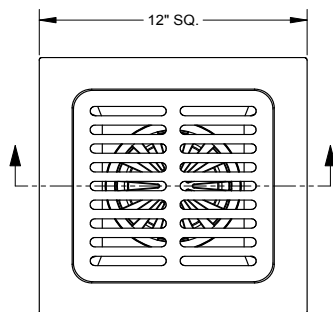
SPECIFICATION:

JOSAM SERIES FS-160 PORCELAIN COATED CAST IRON FLOOR SINK WITH 12" SQUARE TOP, 10" DEPTH, NO-HUB BOTTOM OUTLET, ALUMINUM DOME STRAINER, AND ANTI-TILT GRATE.

SERIES

FS-160

SLOT WIDTH: 3/8"
FREE AREA: 26 SQ. IN

**OPTIONS:**

-LG	LESS GRATE
-3	HALF GRATE
-4	3/4 GRATE
-31	SEDIMENT BUCKET, ALUMINUM
-33	SEDIMENT BUCKET, ACID RESIST FINISH

PIPE SIZE
2"
3"
4"

DATE OF LAST CHANGE: 06/04/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

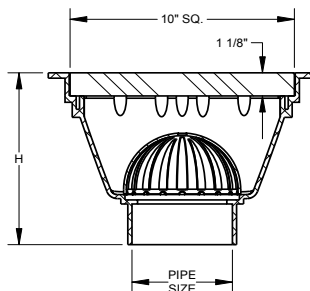
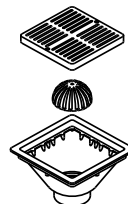
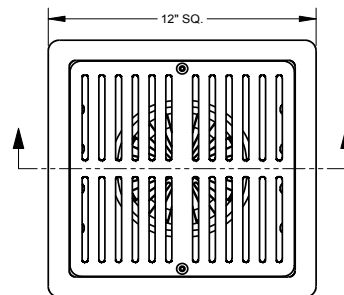
FLOOR SINK

CAST IRON/PORCELAIN COAT

SPECIFICATION:

JOSAM SERIES FS-940 FLOOR DRAIN/SINK, 12 X 12 TOP WITH FULL PVC MEDIUM-DUTY GRATE, ALUMINUM DOME AND SOLVENT WELD BOTTOM OUTLET FOR SCHEDULE 40 PVC PIPE.

SERIES

FS-940

MODEL NO.	PIPE SIZE	H
FS-942	2"	6-7/8"
FS-943	3"	7-5/8"
FS-944	4"	7-7/8"

OPTIONS:

-LG	LESS GRATE
-HG	HALF GRATE
-3Q	3/4 GRATE

DATE OF LAST CHANGE: 09/07/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

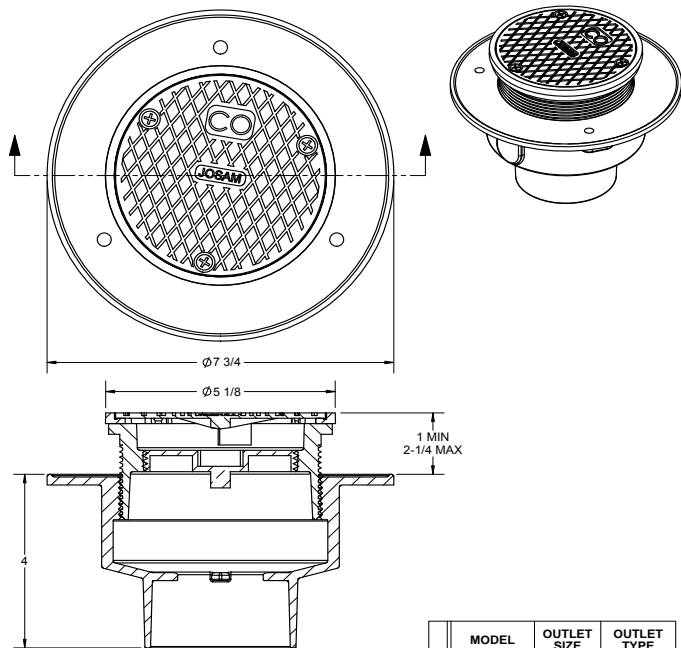
NOTES

NOTES

SPECIFICATION:

JOSAM CO-310 SERIES CAST IRON CLEANOUT WITH ROUND ADJUSTABLE TOP, NIKALOY RIM AND COVER, AND TAPERED-THREAD BRASS PLUG.

CLEANOUT
ADJUSTABLE 5" TOP

 SERIES **CO-310**


OPTIONS:

-VP	SECURED GRATE, VANDAL PROOF SCREWS
-SQ	SQUARE RIM

MODEL	OUTLET SIZE	OUTLET TYPE
CO-312-Y	2"	HUB
CO-313-Z	3"	NO-HUB
CO-313-Y	3"	HUB
CO-314-Z	4"	NO-HUB

DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

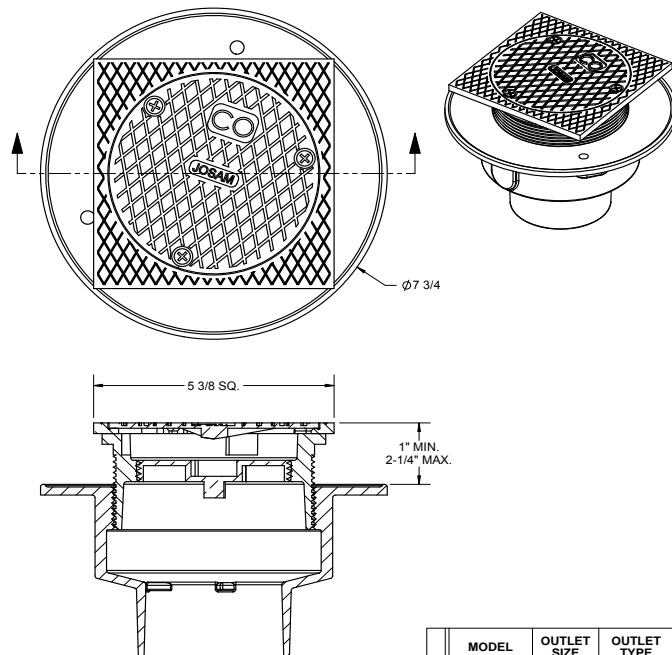
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM CO-310-SQ SERIES CAST IRON CLEANOUT WITH SQUARE ADJUSTABLE TOP, NIKALOY RIM AND COVER, AND TAPERED-THREAD PLUG.

CLEANOUT
ADJUSTABLE 5" TOP

 SERIES **CO-310-SQ**


OPTIONS:

-VP	SECURED GRATE, VANDAL PROOF SCREWS
-SQ	SQUARE RIM

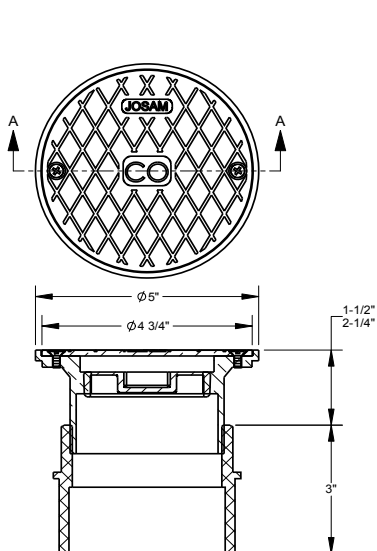
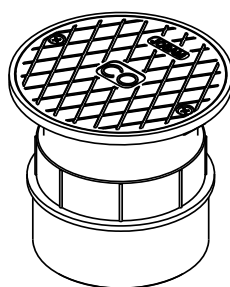
MODEL	OUTLET SIZE	OUTLET TYPE
CO-312-Y	2"	HUB
CO-313-Z	3"	NO-HUB
CO-313-Y	3"	HUB
CO-314-Z	4"	NO-HUB

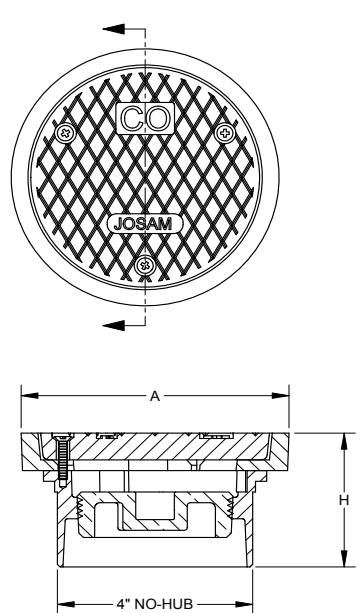
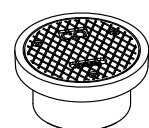

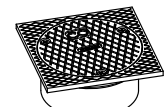
DATE OF LAST CHANGE: 4/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION: JOSAM SERIES CO-430 PVC CLEANOUT, ROUND NIKALOY ADJUSTABLE TOP WITH INTERNAL BRONZE PLUG. COMBINATION 3" X 4" SOLVENT WELD BOTTOM OUTLET FITS OVER 3" OR INSIDE 4" SCHEDULE 40 PVC PIPE.	CLEANOUT PVC SERIES CO-430									
										
OPTIONS: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 5%; text-align: center;">-</td> <td style="width: 15%; text-align: center;">2</td> <td>SATIN FINISH BRONZE TOP</td> </tr> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">14</td> <td>CARPET CLEANOUT MARKER</td> </tr> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">VP</td> <td>SECURED COVER, VANDAL-PROOF SCREWS</td> </tr> </table>		-	2	SATIN FINISH BRONZE TOP	-	14	CARPET CLEANOUT MARKER	-	VP	SECURED COVER, VANDAL-PROOF SCREWS
-	2	SATIN FINISH BRONZE TOP								
-	14	CARPET CLEANOUT MARKER								
-	VP	SECURED COVER, VANDAL-PROOF SCREWS								
DATE OF LAST CHANGE: 05/17/12 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES								

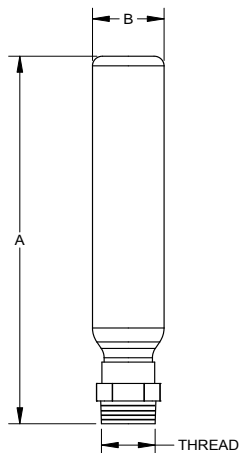
SPECIFICATION: JOSAM SERIES CO-600 CLEANOUT, CAST IRON 4" NO-HUB BODY, INTEGRAL THREADED PLUG AND ROUND SECURED TOP.	CLEANOUT NO-HUB SERIES CO-600												
	 CO-600 CI RIM AND COVER STANDARD  CO-600-NB NIKALOY RIM AND COVER  CO-600-NB-SQ SQUARE NIKALOY RIM AND COVER												
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>MODEL</th> <th>A</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>CO-600</td> <td>Ø6</td> <td>3-1/8</td> </tr> <tr> <td>CO-600-NB</td> <td>Ø5-1/8</td> <td>2-1/2</td> </tr> <tr> <td>CO-600-NB-SQ</td> <td>5-3/8 SQ.</td> <td>2-1/2</td> </tr> </tbody> </table>		MODEL	A	H	CO-600	Ø6	3-1/8	CO-600-NB	Ø5-1/8	2-1/2	CO-600-NB-SQ	5-3/8 SQ.	2-1/2
MODEL	A	H											
CO-600	Ø6	3-1/8											
CO-600-NB	Ø5-1/8	2-1/2											
CO-600-NB-SQ	5-3/8 SQ.	2-1/2											
DATE OF LAST CHANGE: 11/16/13 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES											

SPECIFICATION:

JOSAM SA LITE LINE SERIES SHOCK ABSORBER WITH COPPER SHELL, PISTON TYPE AIR CUSHION AND MALE THREADED CONNECTION.

SHOCK ABSORBER LITE LINE - COPPER

SERIES **SA**



	MODEL	FIXTURE UNITS	THREAD	A	B
	SA-A	1 - 11	1/2"	8-1/4	1-3/8
	SA-B	12 - 32	3/4"	8-3/4	1-3/8
	SA-C	33 - 60	1"	11	1-3/8
	SA-D	61 - 113	1"	10-1/8	2-1/8
	SA-E	114 - 154	1"	12-5/8	2-1/8
	SA-F	155 - 330	1"	15-1/8	2-1/8

NOTE:
CONFORMS TO ASSE 1010
COMPLIES WITH LEAD FREE REQUIREMENTS

DATE OF LAST CHANGE: 04/30/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

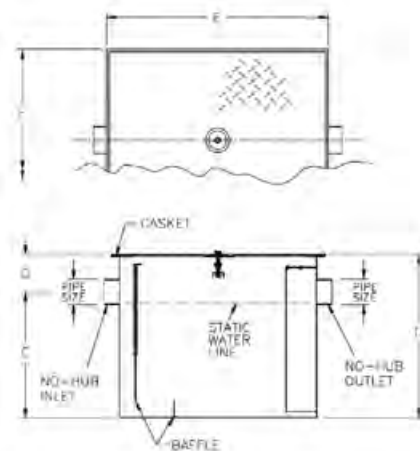
SPECIFICATION:

JOSAM JG-0100S SERIES ACID-RESISTANT EPOXY COATED FABRICATED STEEL GREASE INTERCEPTOR, NO-HUB CONNECTIONS, INTERNAL TRAP, REMOVABLE BAFFLE, GASKETED NON-SKID COVER, AND FLOW CONTROL FITTING.

GREASE INTERCEPTOR MANUAL TYPE

SERIES **JG-0100S**

CONFORMS TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-G101 AND ASME A112.4.3



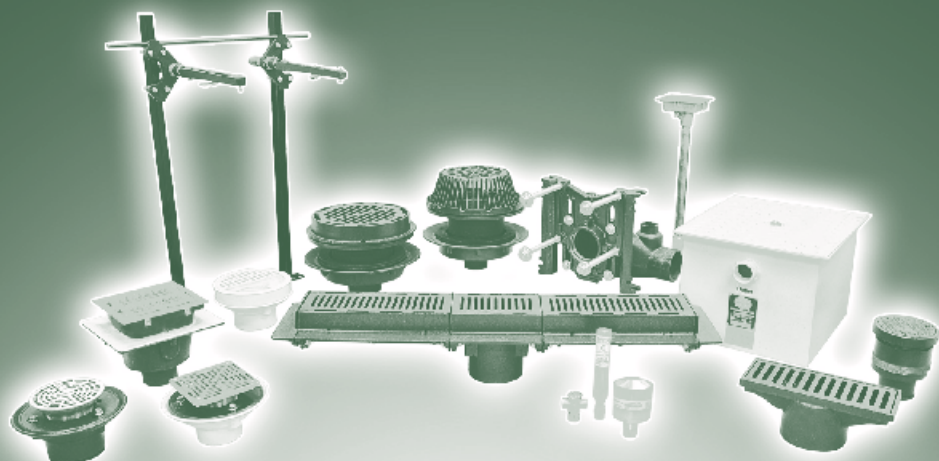
	TYPE	FLOW GPM	CAP. LBS.	PIPE SIZE	C	D	E	F	G
	JG-0102S	7	14	2	8-1/4	3-3/8	14-7/8	13	11-5/8
	JG-0103S	10	20	2	8-1/2	3-3/8	16-5/8	14-1/2	11-7/8
	JG-0104S	15	30	2	9-1/2	3-3/8	20-3/8	17	12-7/8
	JG-0105S	20	40	3	12	4-7/8	20-7/8	19	16-7/8
	JG-0106S	25	50	3	13	4-7/8	23-3/8	21-1/2	17-7/8
	JG-0107S	35	70	3	14-1/2	4-7/8	26-1/8	23	19-3/8
	JG-0108S	50	100	3	16-1/2	4-7/8	27-7/8	25-1/2	21-3/8
	JG-0109S	75	150	3	21	6	41	31	27
	JG-0110S	100	200	4	23	8	47	35	31

☐ -EXT EXTENSION, 6" STANDARD (SPECIFY EXTENSION HEIGHT)

DRAWING DATE: 07/24/12

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



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