

# INSTRUCTIONS FOR USE

This catalog has been designed to simplify the selection of drainage products. Products are grouped by size, shape and function. Base products are shaded and include an application, specification, dimensional drawing and available options. An inverted triangle ▼ to the left of the option indicates that the product with that option is depicted with an application, specification and dimensional drawing. Base product options apply to optional products unless noted under "Options N/A." Photos of each product and its illustrated variations appear in a Pictorial Selection Guide in the introduction of each product section. All designs, descriptions and dimensions are subject to change without notice, and unless specifically stated otherwise, standard products in effect at the time the order is shipped will be supplied. All weights noted are approximate and are not guaranteed.

**PRODUCT SECTION**

**SERIES NUMBER**

**BASE PRODUCT SHADED**

**AVAILABLE OPTIONS**

**AVAILABLE OUTLETS**

**SERIES NUMBER WITH OPTION**

**APPLICATION**

**SPECIFICATION**

**OPTIONS NOT AVAILABLE**

**ROOF DRAINS**
**JOSAM**

**21500 SERIES**
**LARGE SUMP**

**APPLICATION**

Used on roofs of any size, for any type of construction. Large slotted dome provides maximum free area for quick drainage of rainwater and protects the drain sump and connected piping from debris. WEILOC® compression flashing clamp holds the membrane or flashing securely to the drain body.

**SPECIFICATION**

JOSAM 21500 Series coated cast iron Roof Drain, large polypropylene locking dome, WEILOC® non-puncturing clamp ring with integral gravel stop, large sump with wide roof flange and bottom outlet.

**Available Options**

▼-AE LEVELIZE™ Adjustable Ext. ▼-AER Adjustable Extension Using Threaded Rods ▼-AWA Perforated Stainless Steel Extension -CR Clamping Drain Receiver -1 Deck Clamp Assembly -1C Drain Receiver Clips (Min. Deck Opening 16.5" Dia.) -2 Drain Receiver -3 Deck Clamp Assembly and Drain Receiver -3C Drain Receiver and Drain Receiver Clips -4 Secondary Sealing Clamp (use with -AE only) ▼-6 Extra Wide Flange Drain Body, 2" - 6" X only -10 Fixed Ext. Collar, C.I., (Specify Hgt.) 4" Std. -10-20 Fixed Ext. Collar, Galv., (Specify Hgt.) 4" Std.	▼-16 Internal Waterguard 2" - 6" Outlets Only ▼-17 2" High Solid Clamping Collar ▼-19 Clamp Collar w/Perforated SS Gravel Guard -20 Galv. Cast Iron Parts -21 Galv. Cast Iron Dome Only -22 Cast Iron Dome -23 Rough Bronze Dome -26 Aluminum Dome -33 Stainless Mesh Screen-Covered Dome -VP Vandal-Proof Dome	<b>OUTLETS:</b> -66 No-Hub Side Outlet, 2" - 6" Threaded Outlet -T Inside Caulk Outlet -X Hub Outlet w/Gasket, 2" - 4" -Y Hub Outlet w/Gasket, 2" - 4" -Z No-Hub Spigot Outlet
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\* -16 and -17 cannot be furnished together.

**21500-6 SERIES**

**LARGE SUMP with -6 Extra Wide Flange Drain Body**

**APPLICATION**

Used on roofs of any size, typically concrete decking, large slotted dome ensures maximum free area for quick drainage of rainwater and protects the drain sump and connected piping from debris. WEILOC® compression-flashing clamp holds the membrane or flashing securely to the drain body. Extra wide flange provides positive support and large bonding surface for liquid applied membranes.

**SPECIFICATION**

JOSAM 21500-6 Series coated cast iron Roof Drain, large polypropylene locking dome, WEILOC® non-puncturing clamp ring, large sump with extra-wide roof flange and bottom outlet inside caulk connection.

OPTIONS N/A:  
-2, -4

**DESCRIPTION**

**DIMENSIONAL DRAWING**

**OUTLET TYPES AVAILABLE**

**DIMENSION & WEIGHT CHART**

**OPTION DESCRIPTION**

**DIMENSIONAL DRAWING**

**OUTLET TYPES AVAILABLE**

**DIMENSION & WEIGHT CHART**

74 ▼ Product Illustration follows.

**AFFILIATIONS:**

JOSAM is a member of the Plumbing and Drainage Institute (PDI), The American Society of Plumbing Engineers (ASPE) and the American Society of Sanitary Engineering (ASSE) and fully supports the aims and goals of these organizations.



**AMERICAN NATIONAL STANDARDS INSTITUTE STANDARDS (ANSI)  
AMERICAN SOCIETY OF SANITARY ENGINEERING STANDARDS (ASSE)  
PLUMBING AND DRAINAGE INSTITUTE STANDARDS (PDI)**

JOSAM Products meet or exceed the following standards.

ANSI STANDARDS NO.	ASSE STANDARDS NO.	PDI STANDARDS NO.	JOSAM PRODUCTS
ANSI A112.6.1M			CARRIERS
ANSI A112.14.1			BACKWATER VALVES
ANSI A112.6.3			FLOOR DRAINS
ANSI A112.21.2M			ROOF DRAINS
ANSI A112.21.3M			HYDRANTS
ANSI A112.26.1M	1010	WH-201	SHOCK ABSORBERS
ANSI A112.36.2M			CLEANOUTS
ANSI/ASSE	1018, 1044		TRAP SEAL PRIMER VALVES
ANSI/ASME A112.14.3		G-101	GREASE INTERCEPTORS
ANSI/ASME A112.14.4			GREASE RECOVERY DEVICES