



Josam: Synonymous with Innovation

Since the inception of the grease interceptor in the late 1800s, the method for separating fats, oils and grease (FOG) from kitchen and food processing wastewater has changed very little. The general concept then and still in effect today is to allow the FOG sufficient time to separate from the waste water. This is accomplished by simply slowing the flow of water into the interceptor, allowing the separated FOG to be retained inside the unit and allowing the separated water to flow out of the interceptor.

In 1949 the Plumbing and Drainage Institute (PDI) developed the G101 standard. Still the most widely recognized grease interceptor standard in the United States, it established sizing and performance criteria for grease interceptors. American Society of Mechanical Engineers (ASME) established a similar standard in 2000.

While the above mentioned standards set the sizing and performance criteria for properly designed grease interceptors, they cannot solve the mystery of grease levels retained within the grease interceptor and when it is time to clean the unit. PDI, who has stressed the need for regularly scheduled cleaning and maintenance, has drafted a new standard G-102, which will require a grease measuring/alarm device in their certified grease interceptors.

In recognition of this age old problem, Josam

Company has developed a unique series of products to alert the end user as to when the unit requires cleaning before it exceeds its rated capacity.

The EGOLD Electronic Grease/Oil Level Detector was introduced utilizing our patented probe to sense the retained grease levels within the grease interceptor. The probe transmits the signal to the 110V powered wall mounted controller with LED indicators & audible alarm.

Josam's 60300A Probe Controlled, Grease Removal Pump.

The SAP Sensing and Alarm Probe utilizes our patented probe to measure the grease level. Powered by (2) lithium batteries, the wireless probe is positioned inside the interceptor and it senses the

amount of FOG in the interceptor. Prior to the FOG reaching its rated capacity, a signal is sent to a wall mounted controller with LED indicators and an audible alarm. This alarm alerts the kitchen staff that the interceptor needs to be maintained. The SAP unit is designed to be installed in almost any interceptor prior to installation or retrofitted in an interceptor that is already installed.

The CEGOLD Concrete Electronic Grease/Oil Level Detector was introduced to offer the same technology available above to the large Superceptor grease interceptors located outside the building utilized in many areas throughout the country.

The (3) products mentioned above provide the end user insight into the appropriate time to lift the interceptor cover and clean the unit. While necessary, the experience of cleaning a grease interceptor is a dirty and smelly job that is often neglected.

Josam Company has two additional products to address the messy aspect of grease removal.

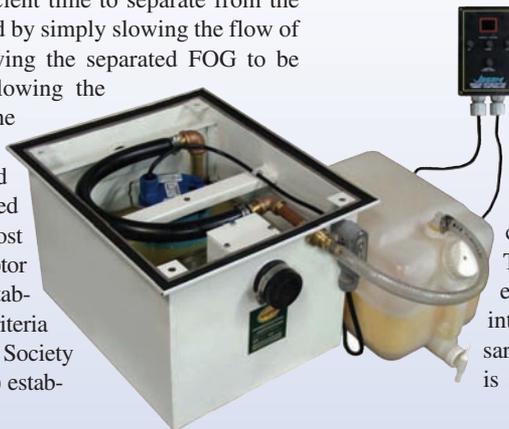
The Josam series 60100H-GRD, a PDI approved grease interceptor, is activated by a wall-mount-

ed programmable timer. The unit contains a grease removal pump which transfers the retained grease from the interceptor to the provided reclaim tank. With the addition of the SAP probe, The 60100H-GRD-P provides a simple grease level monitoring, grease recovery device.

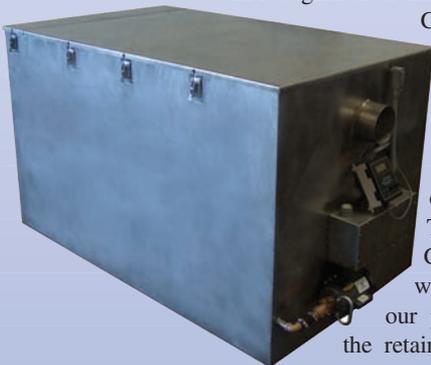
The Josam 60300A Grease recovery device incorporates the sensing alarm probe, the grease evacuation pump and additional features like heating elements to liquefy congealed grease, internal solids basket and controller with LCD, LED indicators and programmable microprocessor to set cleaning levels, record clean cycles and allow connection to web-site monitoring or Building Information Systems.

Josam, who pioneered the first modern grease interceptor, continues to lead the way in the evolution of modernized Grease Recovery Devices to eliminate the age old mystery behind when to empty a grease interceptor.

For information on all Josam Company products, contact your local representative or visit our website at www.josam.com. ■



Josam's 60100H-GRD Timer-Controlled, Grease Removal Pump.



Josam's 60300A Probe Controlled, Grease Removal Pump.



Josam's SAP - Sensing and Alarm Probe.