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Ecologix Automatic Grease Recovery System (AGRS) – Operational Features



Latches

The **(AGRS)** is designed with ease of maintenance in mind. The quick release stainless steel draw latches make it easy to inspect and maintain.

Gasket

A U-Channel gasket with steel barbs provides an excellent seal and requires no adhesives which frequently fail due to heat, moisture and grease.

Pump

The Ecologix **(AGRS)** Automatic Grease Recovery System features a pump which will transfer the grease to a remote reclaim tank.

Probe

With the use of Ecologix patented probe the **Grease Level Detector (GLD)** can measure the amount of grease within the Automatic Grease Recovery System. Extensive research has gone into the design and mounting of this patented probe. The Ecologix probe is available in different lengths that are designed to penetrate and accurately measure the amount of grease within the **(AGRS)**. This design ensures an accurate reading and is not prone to encapsulation by grease that often plaques other monitoring techniques.

Solids Interceptor

Removing solids plays an important role in the performance of an Automatic Grease Recovery System. The Ecologix **(AGRS)** is equipped with an integrated solids interceptor. The solids interceptor basket is designed with details such as a baffle and two different perforated hole patterns to help keep solids from entering the grease separation compartment. An optional automated solids interceptor is also available.

Controller

Ecologix **(AGRS)** controller has NEMA 4 enclosure and features permanent memory, data tracking and five different modes of operation.

Superior Design

The Ecologix **(AGRS)** offers superior operating features to those of any other automated grease interceptors on the market today. The Ecologix **(AGRS)** Controller features a microprocessor that is user friendly and accurate. The Controller features an LCD Display which clearly displays the system's operating status and easy to use controls. The interceptor is constructed of corrosion resistant 12 gauge type 304 stainless steel and features convenient stainless steel draw latches for easy access to the interior.

Ecologix (AGRS) Smart

The controller provides the facility staff with an audible alarm, LED indicators, a distinctly visible multi-line LCD display of the **AGRS** system status and operating mode at all times. The test mode feature allows maintenance personnel to easily perform operational system checks of the Ecologix **(AGRS)**.

User Friendly

The **AGRS** is as simple to install as it is to operate. The plumbing installation of the unit is the same as installing any conventional grease recovery device. The controller is encased in a NEMA 4 rated enclosure that mounts directly to the wall with four screws and the low voltage electrical hook up to the device's interface board is a snap. Power requirements are: 220/208 VAC, single phase, with a ground fault interrupter (GFI). All electrical components and the controls package of the **AGRS** are safe, reliable and UL listed.

Reduced Maintenance Cost

This affordable unit replaces the manual grease recovery devices that have a tendency not to be maintained properly. Delinquent maintenance is often the cause of grease discharge entering the sewage system, clogging and damaging, pipes, on-site treatment facilities and sewage septic fields. The Ecologix **(AGRS)** is designed to eliminate the expensive cost of grease interceptor pumping charges, cleaning of blocked sewer lines and sewer discharge fines that the kitchen, restaurant or food processing facility may incur. The Ecologix **(AGRS)** controller monitors and continuously displays the number of cleaning cycles of the interceptor for a period up to one year. This unique feature is ideal for monitoring the unit's grease removal process when local or state codes mandate stringent grease removal regulations.

Environmentally Sound

The Ecologix **(AGRS)** protects the environment by preventing grease from mixing with other waste material in water treatment plants, waterways and landfills. In addition, the **(AGRS)** smart controller can be set to ensure that the most stringent grease effluent standards are met, including the widely accepted limit of 100 milligrams per liter.

Quality Assurance

The Ecologix **(AGRS)** is certified to the PDI-G101 standard for applicable sizes and meets the requirements of the ASME A112.14.4 standard for grease recovery devices. All electrical components are UL listed, and all components of the Ecologix **(AGRS)** are fully covered under a one-year Company Warranty.

The Ecologix Automatic Grease Recovery System's electronically controlled automatic self cleaning grease interceptor unit effectively removes nearly 100% of fats, oils and grease routinely discharged from commercial kitchens, restaurants and food processing facilities. The (AGRS) combines industry proven methods, superior design and the quality assurance that you have come to expect from Ecologix Environmental Systems, LLC.