

Installation Instructions

Locating - Plumbing - Electrical - Maintenance

Location

The grease recovery device (GRD), and external strainer box, if ordered, are designed for installation directly on the floor in the immediate area of the sink or fixtures. The electronic control box faces toward the room. UNIT MUST BE LEVEL and should be sealed to the floor.

Allow clearance at the wall for cleaning, in the front for the collector box, and about 12" above the unit for maintenance and service. The plumbing outlet coupling on the GRD should be near the sanitary drain.

Plumbing

The GRD specified has been sized to handle a specific gallons per minute flow. Flow controls should be rated according to local codes. Drain lines of the fixture should be reduced to control the flow and not exceed the capacity of the grease recovery device.

Outlet coupling sizes CANNOT be reduced or overflowing will occur. If the outlet must be reduced the inlet should be reduced to help control the flow through the GRD. The outlet from the external strainer box, if used, is then piped into the GRD unit. The GRD outlet is then piped to the waste system. An outlet vent or approved vacuum breaker at least 1/2 the diameter of the outlet connection should be present within 6 feet of the GRD to prevent siphonage problems. Do NOT use with food grinders or disposers.

Electrical

The GRD has several electrical components connected and comes pre-wired from the factory. After the GRD is plumbed and water is in the unit the final electrical connections can be done.

DO NOT POWER the GRD without water in it or damage to the heating element will occur. Using seal-tite conduit and 12 Ga. THHN copper wire to make the final connections between the GRD and 120v. 20 amp. power source or as per local code. (See schematic drawing included for proper wiring.)

After all electric connections are complete you should verify that the GRD runs and that the power light is ON. PLEASE SET 7 DAY TIMER INSIDE CONTROL BOX TO CORRECT TIME AND DAY.

Maintenance-Operator Instructions

During the first week of use, monitor the system to check if the GRD is installed properly. The thermostat is set at 110 degrees. DO NOT ADJUST THERMOSTAT ABOVE 120 DEGREES FOR ANY REASON.

Make sure the POWER ON light is lit at all times.

If the grease buildup is accumulating too fast for the once a week activation, additional timer activations can be set at night to compensate for the extra grease.

The strainer basket should be dumped daily. The interior of both boxes should be checked once or twice a week for accumulation of deposits (similar to bath tub ring), solids removed and cleaned. Also check the general condition of other parts.

