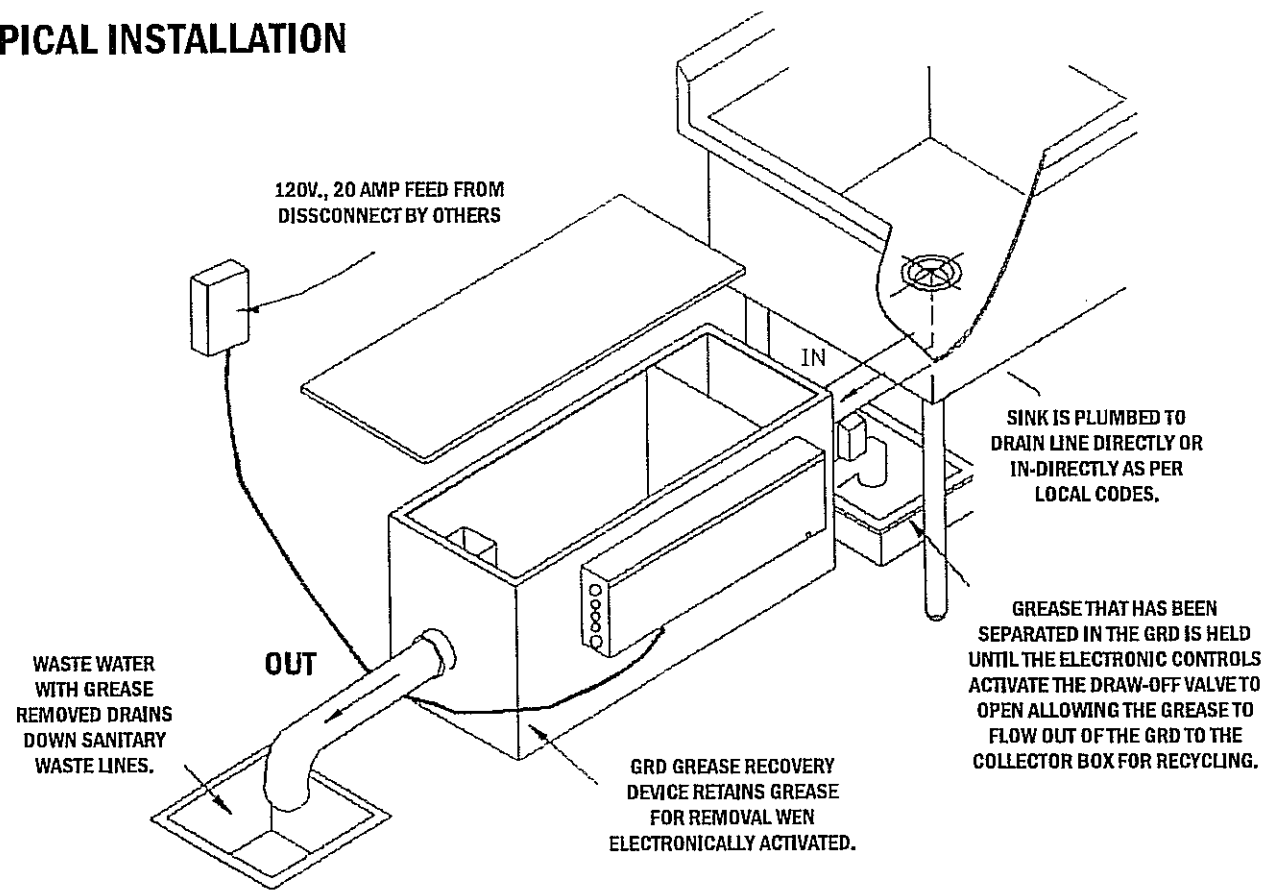


TYPICAL INSTALLATION



RIGHT TO LEFT FLOW SHOWN

NOTE: THE SINK OR FIXTURE MUST BE INSTALLED WITH DIRECT OR INDIRECT DRAIN LINES TO MEET THE LOCAL CODES. A FLOW CONTROL DEVICE MUST BE USED WITH VENTED ORFICE PROPERLY SIZED FOR STATIC HEAD PRESSURE FOR PDI G101 IF DIRECT HOOKUP IS USED.

Troubleshooting Guide

Nothing has come out of GRD for 1 week or more:

- △ Make sure that power is on
- △ Check green light is on.

Grease is hard inside cabinet:

- △ Check reset button of heater element on bottom of control box.
- △ Check if cabinet is warm from heater element.
- △ Check if valve or drain pipe is clogged.- Check with test button on bottom of control box to see that valve will open and see if water or grease flows out of valve into collector box.
- △ Unclog valve by removing drain line downstream of valve and using test button to open valve. While holding valve button and keeping valve open insert wire or small knife to clear valve clog. *Do not release valve button while anything is inserted into valve pipe!* Or just hold the valve button and blow into pipe to clear clog in valve and pipe. Do this until water flows out of pipe.

Beeper is going off and will not stop:

- △ Check if timer inside control box is set for correct time of day and correct day.
(This should be set for night time activation when restaurant is closed)
- △ Check that timer pins are pushed in on outer edge for one or several events per week.
- △ Turn timer to see if valve will open when activated by timer.
- △ Reset timer to proper Day and Time.
- △ Instructions are inside control box cover to reset timer.

Complaints about odors :

- △ Basket MUST be CLEANED ONCE or TWICE a DAY to keep food particles out of cabinet.
- △ Solid particles must be removed from cabinet periodically.
- △ Sludge build up on bottom of cabinet must be removed.
- △ Rotten food causes smells, not grease, Bleach can be added to kill bacteria and reduce smell from rotten food particles.

Too much water is coming out into collector box

- △ You can reset timer inside control box to less events per week.
- △ The timer is set to activate 4 times a week from the factory. If you have less grease the timer can be set to once or twice a week to reduce the amount of water in the collector box.

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.

