



Goslyn

## Installation Instructions

### Important

Equipment must be installed in compliance with all applicable local and national laws, regulations and codes, including electrical and plumbing codes. Installation should be performed by qualified technicians.

These grease interceptors are not to be installed in any other manner except as shown here.

## Unpacking

The model you have purchased is field reversible in that it can operate from left to right or right to left to suit the location selected for installation. To allow this flexibility, some of the components have been left for installation in the field.

Unpack your Goslyn™ with care and ensure you have:

1. Main Unit with removable Lid
2. Bottom Rubber Seal around perimeter under Unit.
3. Oil Shroud to hold Oil Container (with installation tabs)
4. Blank Plate (with installation tabs)
5. Heater with Electric Cord & Plug
6. Threaded Plug for unused Heater Boss opening
7. Integral Flow Control Device
8. Spring loaded self-closing Silt Valve
9. Male/male Hex Fitting for Silt Valve
10. Two plastic Oil Containers.
11. Inlet Strainer Basket
12. 1.25" Plastic Ball
13. Bottle Brush
14. Stainless Oil Valve with Chute
15. Stainless Breather Tube
16. Rubber “O” Ring inside both Oil Valve Housings

**Please check for damage. If any damage has occurred, please contact the Goslyn™ Help Line at (888) 490-9552.**

### Index:

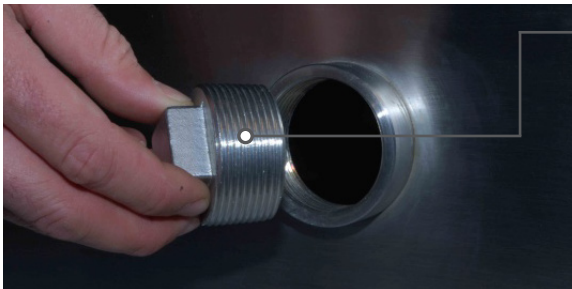
- |                             |        |
|-----------------------------|--------|
| ■ UNPACKING INSTRUCTIONS    | page 2 |
| ■ INSTALLATION INSTRUCTIONS | page 3 |
| ■ CONNECTIONS               | page 6 |

### Installation

Choose the best location for the Goslyn™

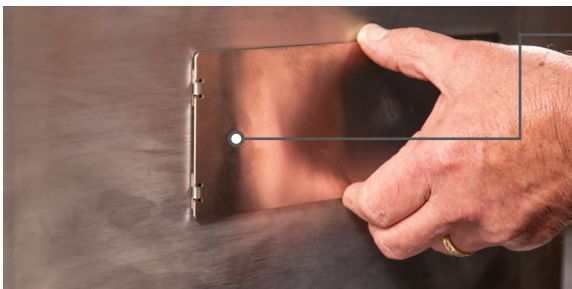
- Enough room to connect the inlet piping using gravity flow from the kitchen equipment. (See “Connections” on Page 6).
- Room to connect the outlet piping and silt valve to a suitable drain.
- Minimum 12" space above the strainer basket hinged lid for emptying.
- Front access to the oil cassette for emptying.
- Top access to the oil valve hinged lid for cleaning.
- Level surface to ensure efficient operation

Once the location has been determined install the following components



#### Step 1

Determine which side of the Goslyn™ will be the “front side”. This is the side that is easier to access (usually facing the room) where you will mount the oil valve with chute, oil shroud, plastic oil containers and the heater. The opposite side will be the “back side” (usually facing the wall) where you will mount the breather tube, blank plate and threaded plug. Screw the threaded plug into the unused heater boss on the backside of the unit. Use teflon tape to ensure a good seal.



#### Step 2

Install the blank plate on the back side of the unit by inserting the four tabs into the slots.





### Step 3

Screw the heater into the heater boss on the front side of the unit using teflon tape to ensure a good seal. **DO NOT PLUG IN THE HEATER TO OOUTLET UNTIL IT IS FILLED WITH WATER.**



### Step 4

Remove the lid and check that the rubber "O" rings are in place on both oil valve housings inside the unit. Lubricate the rings with vegetable oil or grease.



### Step 5

Install the oil valve into the vertical housing nearest the front side of the unit with the spout projecting through the opening on the front wall of the unit. Turn the oil valve to lock it in place in the fitting.



### Step 6

Mount the oil shroud (which will hold the oil container) on the front side of the unit by inserting the four tabs into the slots. Bend the tabs **SLIGHTLY** to secure the shroud.



### Step 7

Install the clear plastic oil container by sliding it into the flanges on the bottom of the oil shroud.



### Step 9

The integral vented flow control provided with the Goslyn™ should be screwed in the inlet before connecting an inlet line. Its purpose is to regulate the flow so that it does not exceed the capacity of the Goslyn™. Please ensure the narrow end of the cone is closest to the Goslyn™ inlet. *Exception: If there is a head greater than six feet between a source fixture and the Goslyn™ inlet, Goslyn will provide a vented flow restrictor that should be placed as close as possible to the items being drained. The vent pipe should be terminated to atmosphere or code approved air admittance valve at a level higher than the maximum water level in the item being drained. Do not connect to sewer vent.*



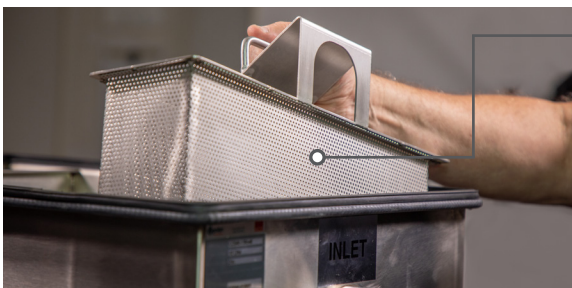
### Step 10

Install the stainless steel breather tube into the valve housing closest to the backside and turn it in the bayonet fitting to lock it into place.



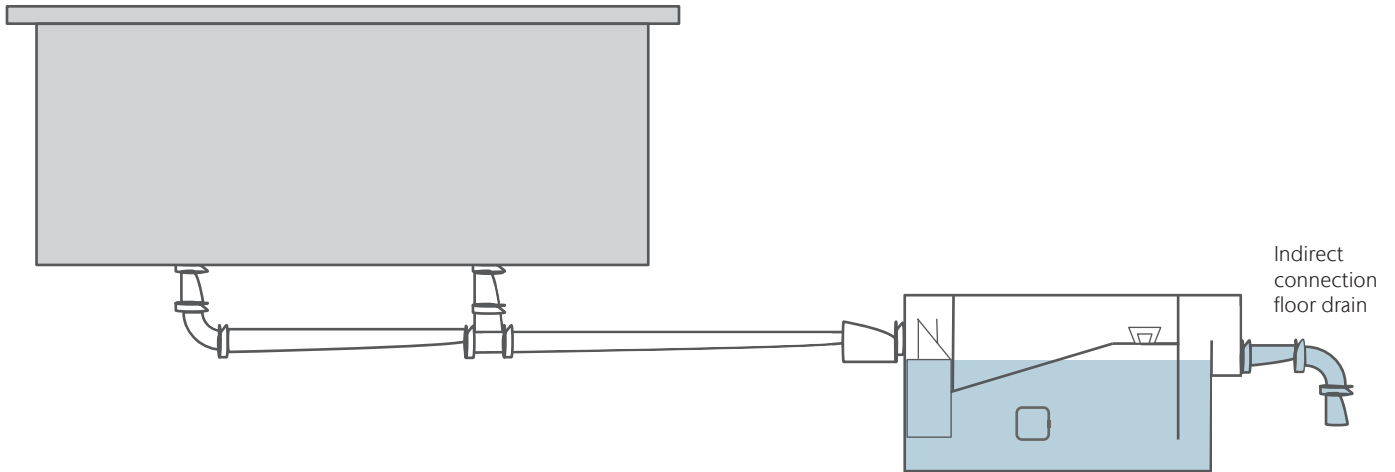
### Step 11

Install the self-closing silt valve at the inlet end of the unit using the hex fitting provided and teflon tape. The handle should be pointing away from the unit to enable it to be opened.



### Step 12

The strainer basket fits into the inlet chamber and should be in place prior to any water entering the unit. Its design ensures that it can only be installed in the correct orientation.



Drawing shows a code compliant indirect sewer connection.

### **Goslyn Discharge**

The Goslyn outlet may discharge either indirectly (e.g., into a floor sink, as shown in the above schematic) or directly to a drainpipe. Either method is satisfactory.

With a direct discharge, a p-trap should be installed after the Goslyn outlet to block sewer gas — unless there is some other provision to block gas from the drain from entering the Goslyn and flowing into the room.

1. **CODE COMPLIANCE.** The Automatic Grease Removal Device must be installed in accordance with all applicable federal, state and local laws and regulations. This includes health, electrical and plumbing codes including code venting and gas trap requirements. These laws, codes and regulations take precedence over any statement in this manual. A qualified plumber should perform the installation.
2. **GARBAGE DISPOSERS** (grinders) must not be connected to the Goslyn.
3. **PIPES LEAVING THE GOSLYN™ OUTLET** must be at least 2" diameter.
4. **SILT VALVE.** The 1" spring-loaded, self-closing ball valve connected to the silt pipe at the inlet end of the Goslyn™ may optionally be connected to a suitable point in the drain system beyond the Goslyn™. Any such connection must be code compliant. If you elect not to make such a connection, a plug may be placed in the silt pipe instead of the ball valve. (The silt drain feature allows frequent, quick and easy draining of any silt (sediment) at the bottom of Goslyn™ interior. This prevents buildup of sediment that could decrease the working volume of this—or any other— grease control device. Accumulated silt may always be removed via the top of the unit, as with any other grease control device.)

After installation, run clean water into the Goslyn™ until water flows out of the outlet. Open the lid to check for any leaks in the pipe work, heater boss or rear heater plug.

Using the bottlebrush, push down slightly on the ball under the oil valve. This will allow a small amount of water to surround the ball to create a steady state operating platform.

Note - it may be necessary to repeat this step when first introducing grease or oil into the system. The ball has been designed for peak operating efficiency when steady state has been achieved and the ball is surrounded by grease and oil rather than just water.

Close the lid with ensuring its hinged section over the inlet strainer basket to permit access to the strainer basket.

## Electrical

The power requirement is 110 Volt, 1000 watts, 9 Amps.

### **AFTER THE AGRD IS FILLED WITH WATER, THE POWER CORD MAY BE PLUGGED IN.**

The electrical connection should be made to meet the applicable local, state and federal standards using the electric cord and plug provided as part of the heater.

There is a red light on the heater that indicates the heater is receiving power. (Note that the heater is entirely controlled by thermostat and has no on/off switch. The thermostat is pre-set to maintain a temperature of 100°F. In some establishments with a high proportion of animal fat on the menu, the temperature may need to be turned higher (about 108°F) to prevent the fats from solidifying. This may be done by removing the rubber plug on the side of the heater and turning the screw slightly clockwise. After adjustment, securely replace the rubber plug to insure a tight seal. If the light does not come on please make sure the electric cord is fully plugged in and check the electrical breaker.

Your Goslyn™ is now ready for operation.

See the website for an agent near you – [www.goslyn.com](http://www.goslyn.com)

**For QUESTIONS and/or SERVICE- PLEASE CALL 888-490-9552 or email us at [goslyn@aco.com](mailto:goslyn@aco.com)**

---

## Goslyn, LLC.

West Sales Office  
825 W. Beechcraft St.  
Casa Grande, AZ 85122  
Tel: (520) 421-9988  
Toll-Free: (888) 490-9552  
Fax: (520) 421-9899

[goslyn@aco.com](mailto:goslyn@aco.com)  
[www.goslyn.com](http://www.goslyn.com)

