

INSTALLATION INSTRUCTIONS

GREASE BOSS G15 & G25 INSTALLATION INSTRUCTIONS

First Things First

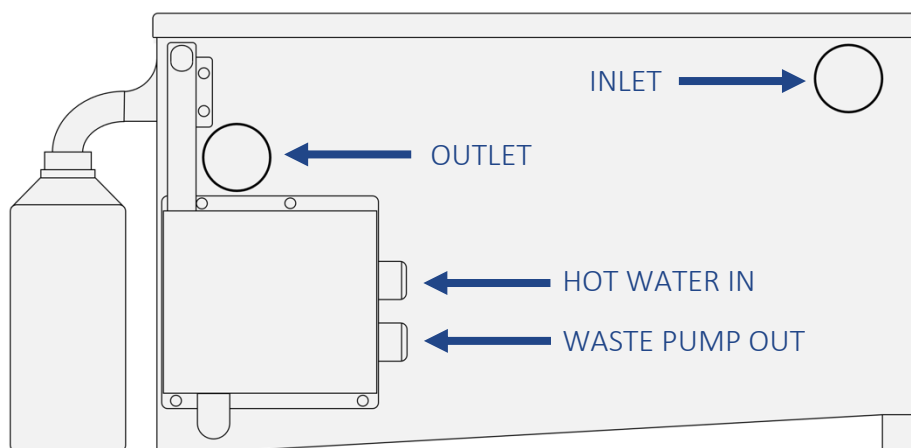
1. Unpack the Grease Boss and read all the documentation.
2. Ensure the Grease Boss has a current electrical test tag.
3. Ensure the power supply can be easily located and the Grease Boss can be easily disconnected or isolated from the power supply.
4. Do not connect power until the Grease Boss is fully installed and all plumbing connections have been checked.

Connections

The Grease Boss has four plumbed connections:

1. A waste pump-out connection with a supplied flexible hose.
2. A hot water inlet of $\frac{1}{4}$ pipe fitting (standard laundry fitting).
3. An outlet socket of 50mm diameter stainless tube located at the rear of the Grease Boss. The outlet MUST be plumbed with 50mm.
4. An inlet socket of 50mm diameter stainless tube located at the rear of the Grease Boss.

The Grease Boss is supplied with two 90-degree flexible couplings for connection to the inlet and outlet sockets.



Grease Boss Rear View

Inlet and Outlet Connections

The inlet and outlet sockets are 50mm stainless tube and are located at rear of Grease Boss. The sockets are easily connected with the supplied 90-degree flexible coupling or other satisfactory connection. A running trap or P-trap should be installed on the outlet to avoid any odour from the utility mains.

Ensure a minimum 2 degree fall to prevent sludge build up.

Hot Water Connection

The Hot Water connection is located at the rear of the Grease Boss. The Hot Water connection is labelled "HOT WATER" and supplies the internal cleaning jets and is essential to ensure the liquidity of the FOG. The connection is a ¾ pipe fitting suitable for a standard laundry hose or similar. Ensure that the Hot Water connection is connected to a constant supply of hot water in excess of 45°C at mains pressure.

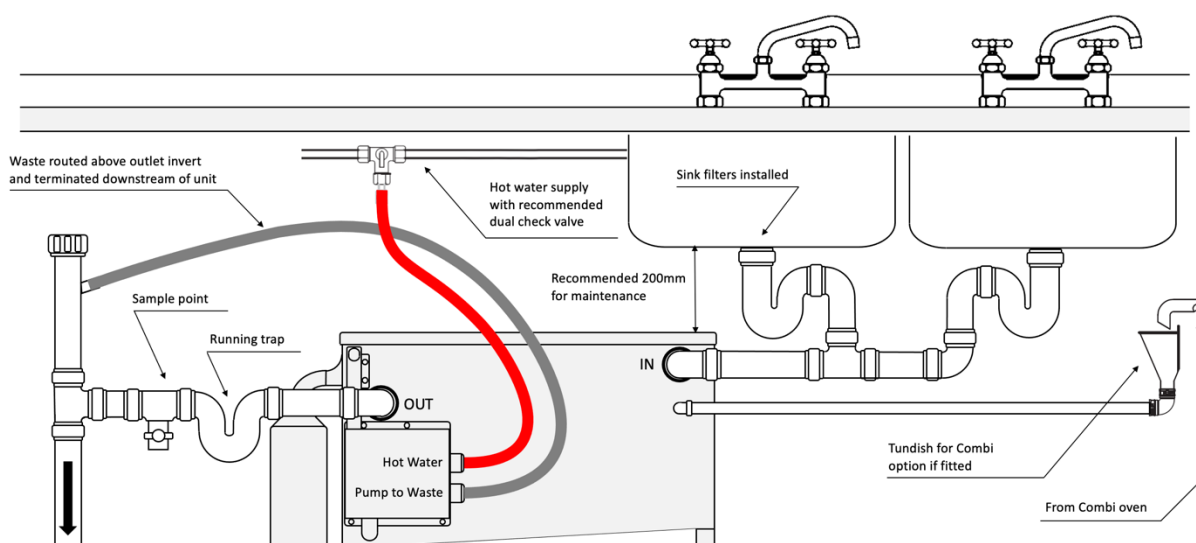
THE GREASE BOSS CANNOT OPERATE EFFECTIVELY WITH LOW PRESSURE HOT WATER

The Grease Boss maintains an air gap between the hot water jets and the maximum operational water level. It is, however, theoretically possible for the internal water level to reach the jets if the outlet is restricted. Mactrap recommends a dual check valve be installed at the hot water source in accordance with Local Authority regulations.

A DUAL CHECK VALVE SHOULD BE INSTALLED AT THE HOT WATER SOURCE

Pump Out Connection

The Grease Boss has an automatic pump out facility. The pump out connection is located immediately below the hot water connection and is labelled "WASTE". The Grease Boss is supplied with a flexible hose to connect the pump out to a termination point **DOWNSTREAM** of the Grease Boss outlet. The pump out hose should be routed above the outlet invert or terminated at a height above the outlet invert to avoid siphoning.



Grease Oil Outlet Nozzle

The grease/oil outlet nozzle is removed for freight purposes and is located in the filter basket. The outlet nozzle can be found by lifting the lid or opening the filter door and removing it from inside the filter basket.

1. The seal is already located on the outer left wall and held in place by two or four screws required to affix the nozzle.
2. Place the outlet nozzle over the seal on the external wall in position and firm up nuts to locate.
3. Lift lid and check the wiper blade and chute are located correctly and have not moved due to transport or handling.



Confirming Operation

1. Fill the Grease Boss with cold water and check that the flow from the outlet is unobstructed.
2. Fill sink to 75% and dump to check no flooding.
3. Check for any leaks.
4. Close and secure the lid.
5. Turn on the hot water source and leave turned on.
6. Plug the Grease Boss into the power source and switch on.
7. The PLC screen will power up with the time and its current state. The Grease Boss current state (based on time of day) could be any of the programmed states, cleaning, grease removal etc.
8. Check and adjust time to local if not correct. It is not important to the operation for the time to be exact. The Grease Boss does not correct for daylight savings time.
9. Leave switched on. The Grease Boss is ready to go.
10. Place the laminated User Maintenance instructions included with the Operation and Maintenance Manual in a prominent position for kitchen staff to access.

