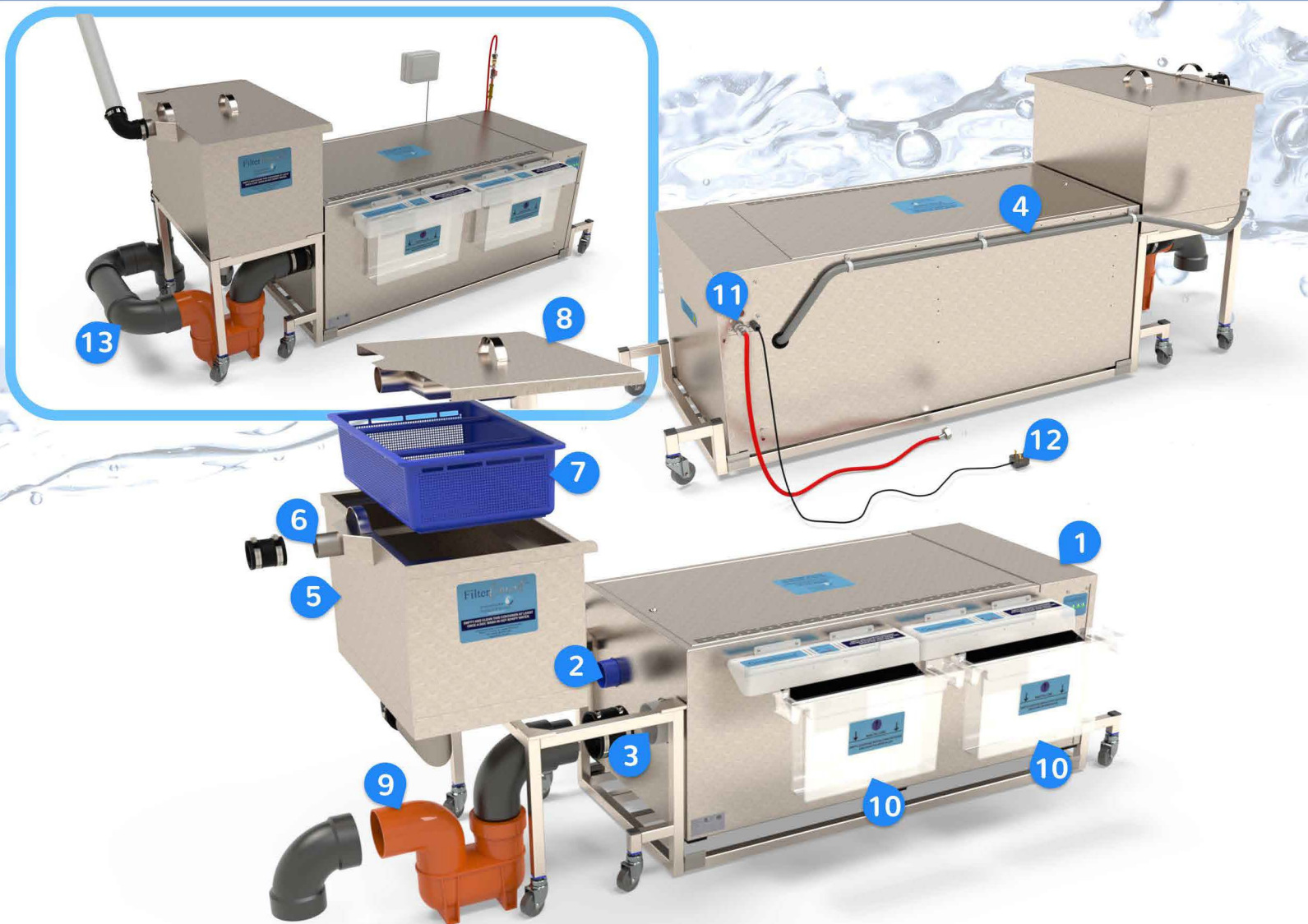


# Installation Guide - GreaseShield® 4000-F



- 1 **GS4000-F Unit:** Ensure that there is sufficient clearance above and to the right of the unit for servicing purposes (5.9"/150mm minimum).
- 2 **Inlet Pipe – 3"/76mm:** To be piped with a sufficient fall of no less than 1 in 40. A flexible rubber pipe adaptor may be required if the incoming pipework is not 3"/76mm.
- 3 **Outlet Pipe – 4"/110mm:** To be piped with a sufficient fall of no less than 1 in 40.
- 4 **Decant Outlet Hose - 3/4"/18mm:** To be piped directly into the main drainage pipe via a vented drainage stack as shown. The Hose must be fixed in place using the the drainage hose support provided.
- 5 **FS4000:** Ensure sufficient height above the FS4000 Pre-Filter to allow for removal and daily maintenance of FS4000 Filter basket.
- 6 **FS4000 Inlet Pipe – 2"/54mm:** To be piped with a sufficient fall of no less than 1 in 40. A flexible rubber pipe adaptor may be required if the incoming pipework is not 2"/54mm.
- 7 **FS4000 Filter Basket:** A Filter basket must be installed into the pre-filter at all times.
- 8 **FS4000 Manifold Lid:** The lid of the FS4000 Pre-Filter must be in place during normal operation and should only be removed for daily maintenance.
- 9 **Running Trap:** The outlet of unit must be fitted with a running trap to reduce foul smells. A 4"/110mm low-back running trap can be used to align with the outlet of the GS4000 unit.
- 10 **FOG Containers:** Ensure that the containers are not restricted or blocked for daily maintenance.
- 11 **Hot Water Solenoid Valve:** Hot water must be connected to the unit using the 3/4" BSP (F/F) Red PVC Hose provided, water supply must not exceed 3 bar pressure and 60°C/140°F. In the case of high pressure a pressure reducing valve must be used. Mains water connections must be made via a WRAS approved isolation valve which follows a WRAS approved double check valve.
- 12 **Power Lead:** The unit must be plugged into a 13 amp rated IP56 socket located below counter level.
- 13 **Interconnecting Pipework:** All pipework must be clipped and properly supported.

V4 04/02/2020

# Installation Guide - GreaseShield® 4000-F



GS4000-F Front View



GS4000-F Rear View

- Make sure the unit is installed on level ground or adjust the stand feet to ensure the unit is level.
  - Have a hot water connection available to connect to the unit, if one is not available the unit must be equipped with a Genie H2O to give hot water on demand. Water connection must be made via a WRAS approved isolation valve **A** and double check valve **B**.
  - Have an IP56 rated socket **C** below counter level available to the unit to plug into. If a genie H2O is required ensure an additional power supply (preferably a fused spur) is available.
  - Ensure all pipe work into and out of the unit has at least a 1 in 40 fall (downwards angle of 1.5°).
  - Clean the Pre-Filter basket and FOG container daily.
  - If the main waste pipe is not vented externally then an Air Admittance Valve (not shown) **D** must be installed after the running trap so a siphon doesn't occur.
  - The Decant Outlet Hose **E** needs to be plumbed into a drainage stack, using the drain hose support provided.
- DO**
- Place the unit in passageways where it can be a hazard or be damaged.
  - Open the unit or insert hands into any part of the unit; moving parts can cause injury.
  - Stand or place heavy objects on top of the unit.
  - Dismantle the unit in any way, only qualified service staff are to access the inside of the unit.
- DON'T**

V4 04/02/2020