

Installation Guide - GreaseShield®1850-F



- 1 **GS1850 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 – 1½"/40mm:** To be piped with a sufficient fall of no less than 1 in 40.
- 3 **Outlet Pipe – 2"/54mm:** To be piped with a sufficient fall of no less than 1 in 40.
- 4 **Invert Inlet – 1¼"/32mm:** To be kept capped off with the 1¼"/32mm FlexiPlumb Endcap provided (for servicing use only).
- 5 **Decant Outlet Hose – ¾"/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 drainage hose support provided.
- 6 **FilterShield™:** Ensure sufficient height above the FilterShield™ to allow for removal and daily maintenance of FilterShield™ basket. Be sure to remove the plastic knock-out for the selected FilterShield™ inlet.
- 7 **Alternate FilterShield™ Inlet – 1½"/40mm:** Must be capped off with the 1½"/40mm FlexiPlumb Endcap provided. Or alternatively make sure the plastic knock-out is still securely in place.
- 8 **FilterShield™ Basket:** A FilterShield™ basket must be installed into the FilterShield™ at all times.
- 9 **FilterShield™ Lid:** The FilterShield™ Lid must be in place during normal operation and should only be removed for daily maintenance.
- 10 **FilterShield™ Hygiene Stand (Optional Extra):** The FilterShield™ should be secured to a Stainless Steel FilterShield™ Hygiene Stand, which provides easy access for daily maintenance.
- 11 **Vortex Flow Controller:** Must be fitted to the FilterShield™ inlet connection.
- 12 **Sampling Point:** Connected to the outlet of the unit: it is essential in the analysis of effluent leaving the unit.
- 13 **Running Trap:** The outlet of unit must be fitted with a running trap to reduce foul smells.
- 14 **FOG Container:** Ensure that the container is not restricted or blocked for daily maintenance.
- 15 **Hot Water Solenoid Valve:** Hot water must be connected to the unit using the ¾" 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.
- 16 **Power Lead:** The unit must be plugged into a **13 amp** rated **IP56** socket located below counter level.
- 17 **Interconnecting Pipework:** All pipework must be clipped and properly supported.
- 18 **Stainless Steel Hygiene Stand (Optional Extra):** GS1850 unit should be installed on a Stainless Steel Hygiene stand. It can be adjusted up to **2"/50mm** in height to allow the unit to be levelled on uneven surfaces and provide access for cleaning.

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- 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 fuse 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 FilterShield™ basket and FOG container daily.
 - An Air Admittance Valve **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 vented 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**

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