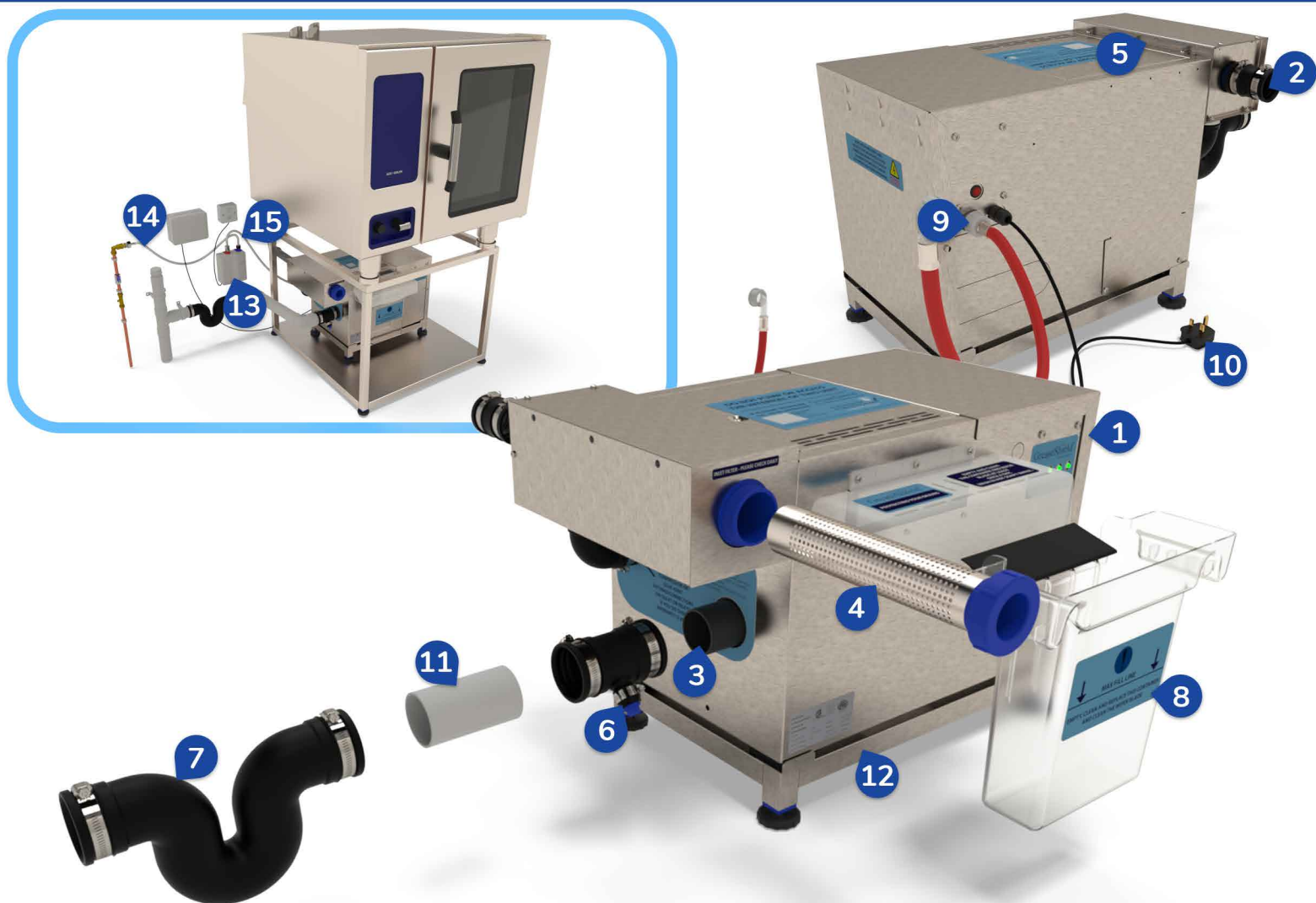


Installation Guide - GreaseShield®1000-FLF



- 1 GS1000 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"/50mm:** To be piped with a sufficient fall of no less than 1 in 40.
 - 4 Front Loading Filter - Inlet Filter:** Ensure the removable filter is not restricted or blocked for daily maintenance.
 - 5 Adaptor Bracket:** To be fixed onto the top of the GS1000 unit so that the Front Loading Filter can be mounted.
 - 6 Sampling Point:** Connected to the outlet of the unit: it is essential in the analysis of effluent leaving the unit.
 - 7 Running Trap:** The outlet of unit must be fitted with a running trap to reduce foul smells.
 - 8 FOG Container:** Ensure that the container is not restricted or blocked for daily maintenance.
 - 9 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.
 - 10 Power Lead:** The unit must be plugged into a **13 amp** rated **IP56** socket located below counter level.
 - 11 Interconnecting Pipework:** All pipework must be clipped and properly supported.
 - 12 Stainless Steel Hygiene Stand (Optional Extra):** GS1000 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.
- 13 Genie H2O (Optional Extra):** Must be wired into a **240 Volt, 16Amp** rated independent fused spur. The Genie H2O must have a power and water supply at all times.
- 14 Genie H2O Water Inlet (Blue):** Water must be connected to the Genie H2O using the ¾" to ½" stainless steel hose provided, water supply must not exceed **3 bar** pressure. In the case of high pressure a reducing valve must be used.
- 15 Genie H2O Water Outlet (Red):** A ½" Flow Control Valve must be connected directly to the hot water outlet of the Genie H2O. The ¾" to ½" stainless steel hose provided is used to connect to the Hot Water Solenoid Valve.

When hot water is not available, a Genie H2O must be used.



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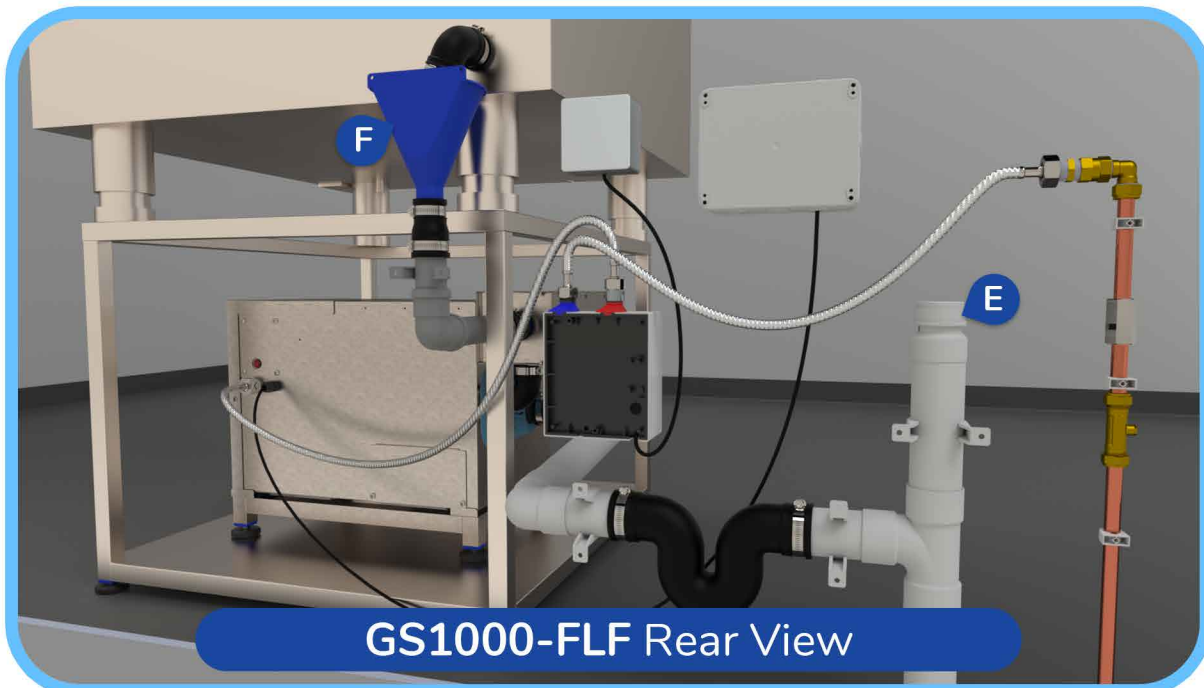
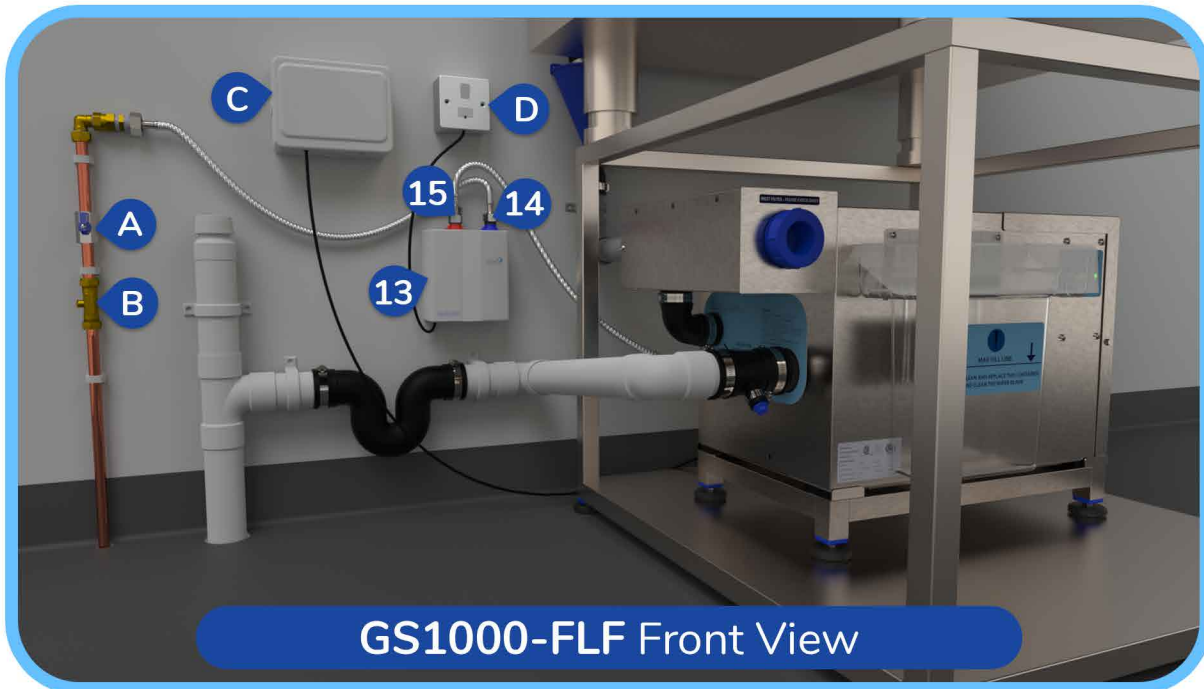
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Installation Guide - GreaseShield®1000-FLF



- 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 **D**) 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 Inlet Filter and FOG container daily.
 - An Air Admittance Valve **E** must be installed after the running trap so a siphon doesn't occur.
 - When installing the unit on an oven a tundish **F**, or alternate air break or vent must be fitted to the inlet pipework, directly after the ovens outlet.
- 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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