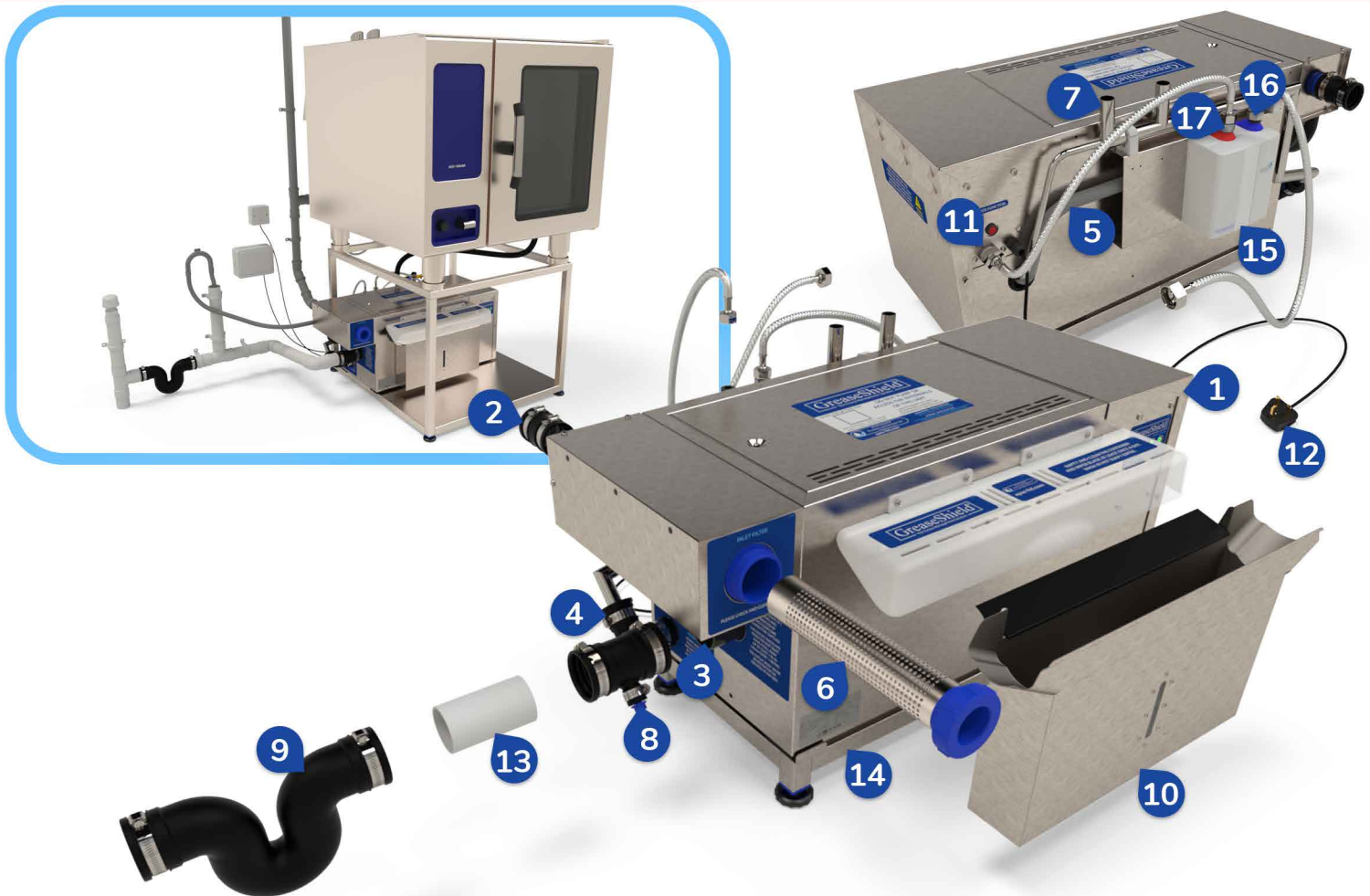


# Installation Guide - GreaseShield®1850-CRM-4



- 1 **GS1850-CRM-4 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:** Connected to the Steam Manifold. Ensure the 1½"/40mm FlexiPlumb 90° Bend is fitted securely to the Invert Inlet and Steam Manifold.
  - 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 **Front Loading Filter - Inlet Filter:** Ensure the removable filter is not restricted or blocked for daily maintenance.
  - 7 **Steam Manifold – ¾"/22mm:** Connect any Condensation or Steam run off directly to the Inlets on the top on the Steam Manifold. Any unused inlets should be covered with a ¾"20mm FlexiPlumb Endcap.
  - 8 **Sampling Point:** Connected to the outlet of the unit: it is essential in the analysis of effluent leaving the unit.
  - 9 **Running Trap:** The outlet of unit must be fitted with a running trap to reduce foul smells.
  - 10 **Stainless-Steel FOG Container:** Ensure that the container is not restricted or blocked for daily maintenance.
  - 11 **Hot Water Solenoid Valve:** Hot water must be connected to stainless steel hose provided, water supply must not exceed **3 bar** pressure and **70°C/158°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.
  - 14 **Stainless Steel Hygiene Drop Stand (Optional Extra):** GS1850-CRM-4 unit can be installed on a Stainless Steel Hygiene Stand. The Castors allow the unit to be positioned easily and provide access for cleaning.
- 15 **Genie H2O:** Must be wired into a **240 Volt, 16 Amp** rated independent fused spur. The Genie H2O must have a power and water supply at all times.
  - 16 **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.
  - 17 **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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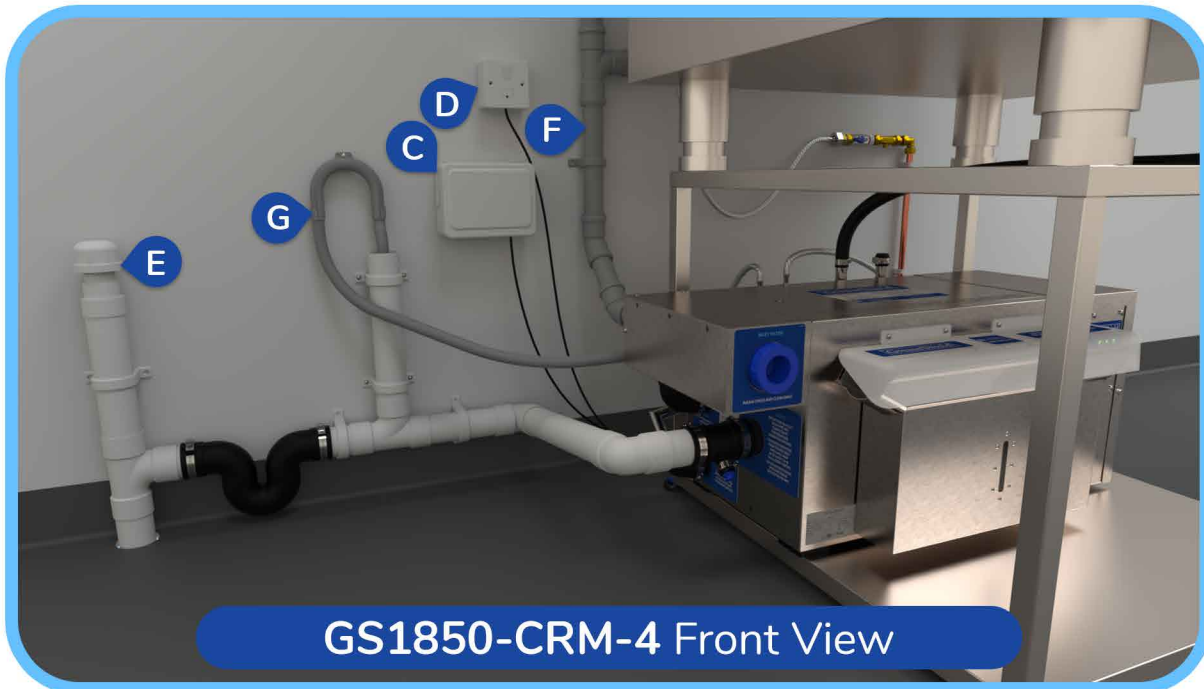
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# Installation Guide - GreaseShield® 1850-CRM-4



GS1850-CRM-4 Front View



GS1850-CRM-4 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 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 Stainless-Steel 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, or alternate air break **F** or vent must be fitted to the inlet pipework, directly after the ovens outlet.
- The Decant Outlet Hose **G** needs to be plumbed into a vented drainage stack, using the drain hose support provided.



**DO**



**DON'T**

- 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.



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