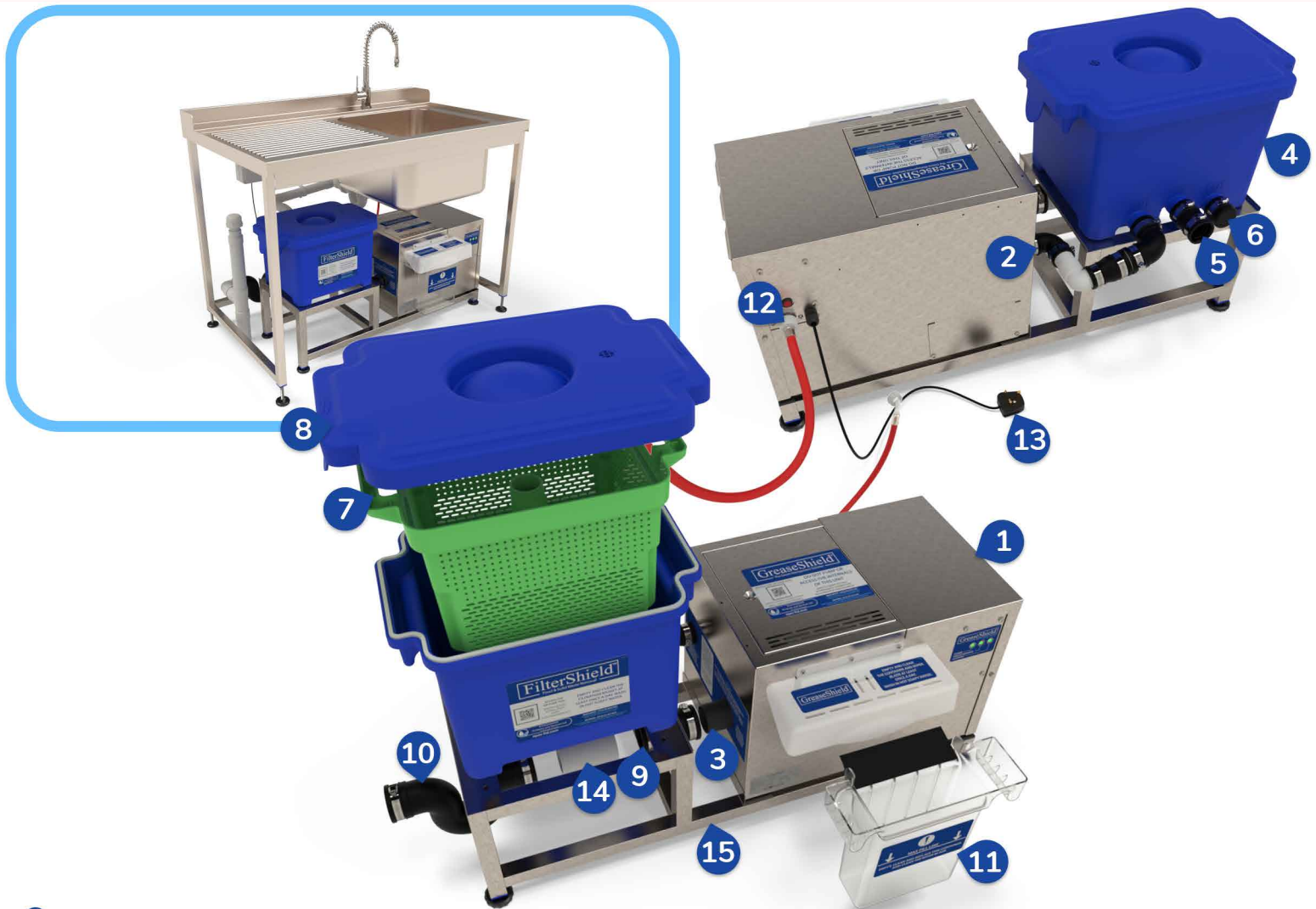


Installation Guide - GreaseShield®1000-Defender



- 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 – 1¼"/34mm:** To be piped with a sufficient fall of no less than 1 in 40. Directly connected to the FilterShield™ outlet of choice.
- 3 **Outlet Pipe – 2"/54mm:** To be piped with a sufficient fall of no less than 1 in 40.
- 4 **FilterShield™2000:** Ensure sufficient height above the FilterShield™2000 to allow for removal and daily maintenance of the FilterShield™2000 basket. Be sure to remove the plastic knock-out for the selected FilterShield™2000 Outlet.
- 5 **FilterShield™2000 Inlet – 1½"/40mm:** To be piped with a sufficient fall of no less than 1 in 40.
- 6 **FilterShield™2000 Alternate Outlet – 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.
- 7 **FilterShield™2000 Basket:** A FilterShield™2000 basket must be installed into the FilterShield™2000 at all times.
- 8 **FilterShield™2000 Lid:** The FilterShield™2000 Lid must be in place during normal operation and should only be removed for daily maintenance.
- 9 **Sampling Point:** Connected to the outlet of the unit: it is essential in the analysis of effluent leaving the unit.
- 10 **Running Trap:** The outlet of unit must be fitted with a running trap to reduce foul smells.
- 11 **FOG Container:** Ensure that the container is not restricted or blocked for daily maintenance.
- 12 **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.
- 13 **Power Lead:** The unit must be plugged into a **13 amp** rated **IP56** socket located below counter level.
- 14 **Interconnecting Pipework:** All pipework must be clipped and properly supported.
- 15 **Stainless Steel Defender Hygiene Stand:** GS1000 unit and FilterShield™2000 should be installed on a Stainless Steel Defender 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.



**Environmental
Products and Services Ltd**

Award Winning Technology

V3 29/07/2022

www.GreaseShield.com

HEAD OFFICE +44 (0) 28 3083 3081

sales@epas-ltd.com

GB OFFICE +44 (0) 161 477 5555

Installation Guide - GreaseShield® 1000-Defender



- 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™2000 basket and FOG container daily.
- An Air Admittance Valve **D** must be installed after the running trap so a siphon doesn't occur.



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.



**Environmental
Products and Services Ltd**

Award Winning Technology

www.GreaseShield.com

HEAD OFFICE +44 (0) 28 3083 3081

sales@epas-ltd.com

GB OFFICE +44 (0) 161 477 5555

V3 29/07/2022