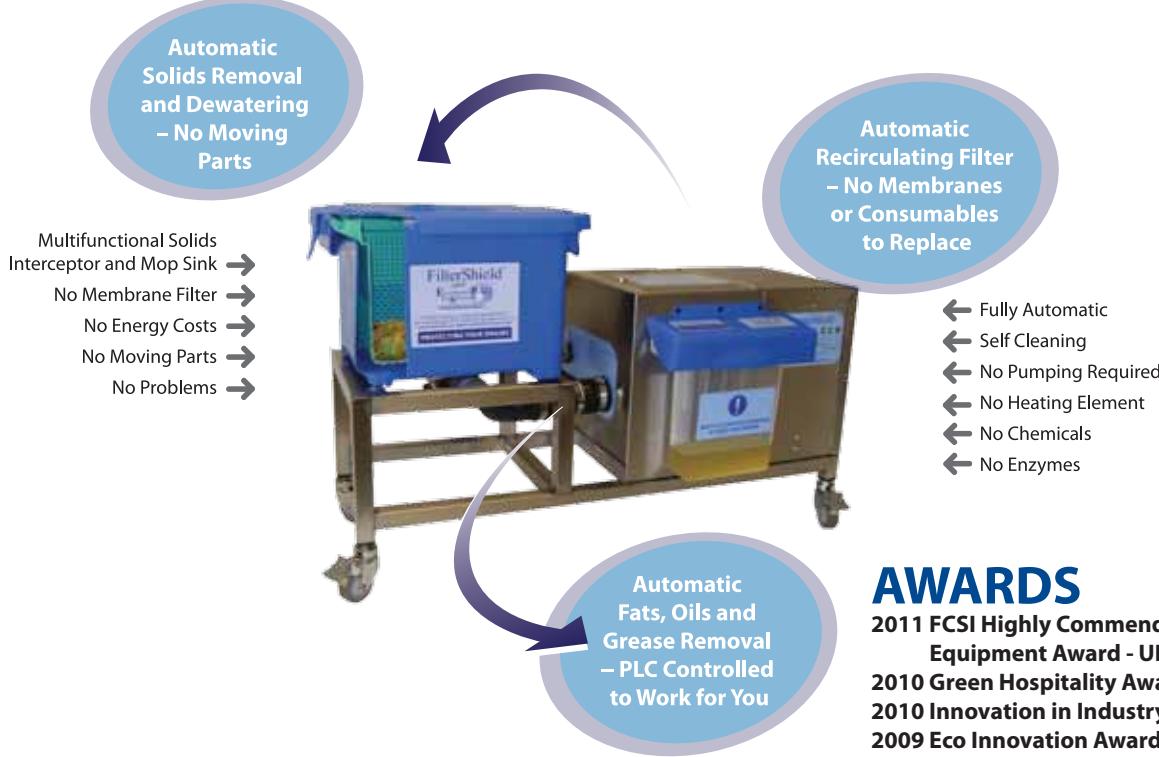


"It doesn't get any simpler"

Environmental
Products & Services
www.EPAS-Ltd.com

GreaseShield™ Defender



Key Benefits

- ✓ GreaseShield is the only proactive greasetrap in the world to deal with emulsified FOGs. Automatically separates grease from effluent to achieve < 100 ppm FOG Discharge. GreaseShield removes entrained solids to reduce BOD, COD and SS loadings.
- ✓ Eliminates frequent pumping costs, harvesting a source of renewable energy. Protects the environment by protecting the drainage and watercourse systems.
- ✓ Self emptying and self cleaning. Reduce loading on waste water treatment plants and pumping stations.
- ✓ No need for staff to access the internal of the GreaseShield is required. User Friendly! Odour Free!
- ✓ No need to purchase enzymes or biological agents! No heating elements. Low operating costs.
- ✓ Reduce CO emissions and avoid loss of a renewable energy source caused by pumping out greasetraps.
- ✓ Award Winning Modular Technology; Small, compact and easily installed in any Deli or Kitchen!
- ✓ Eco friendly, sustainable design - 99% recyclable!



Members of



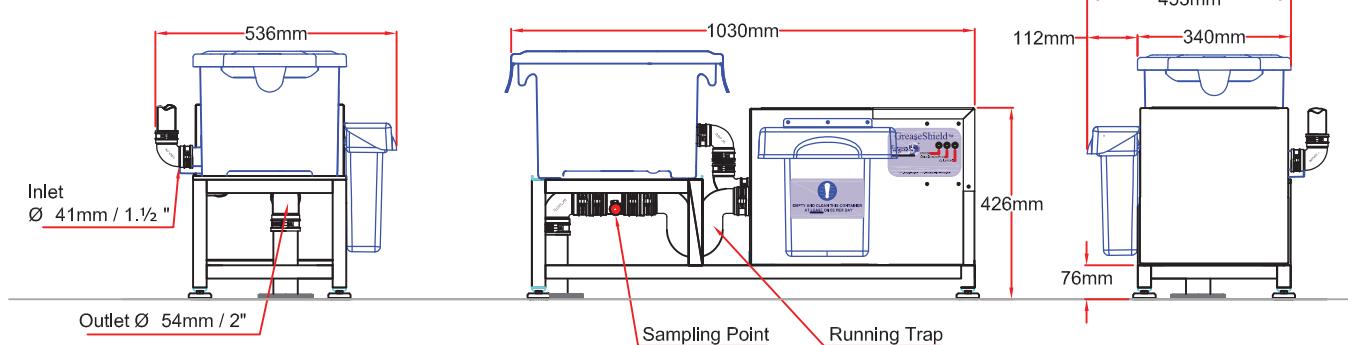
5 Shepherd's Drive
Carnbane Industrial Estate
Newry, Co. Down
N. Ireland, BT35 6JQ
Tel: +44 (0) 28 3083 3081
Fax: +44 (0) 28 3025 7556

Award Winning Technology

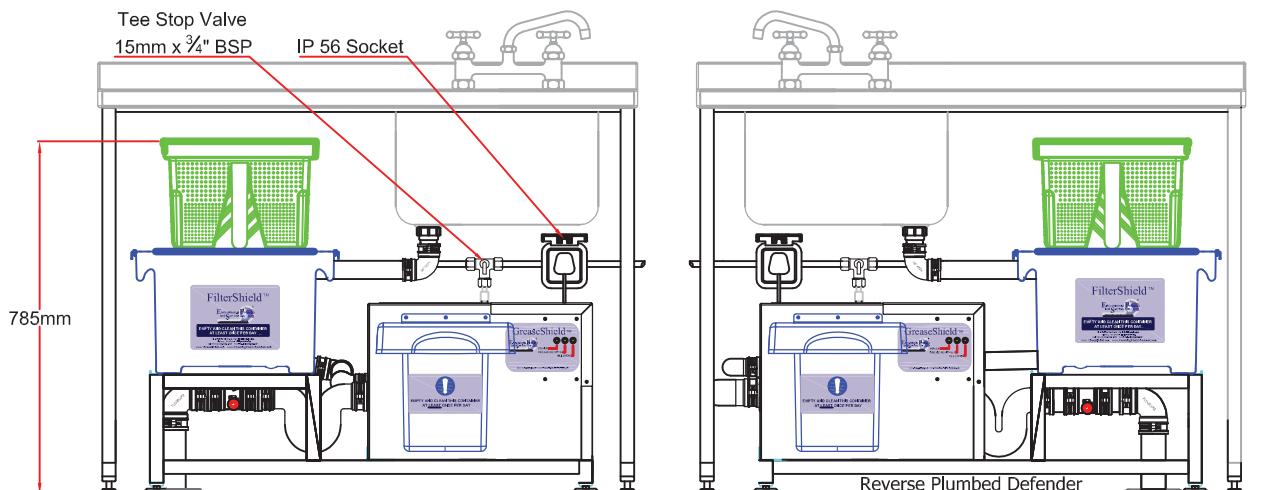
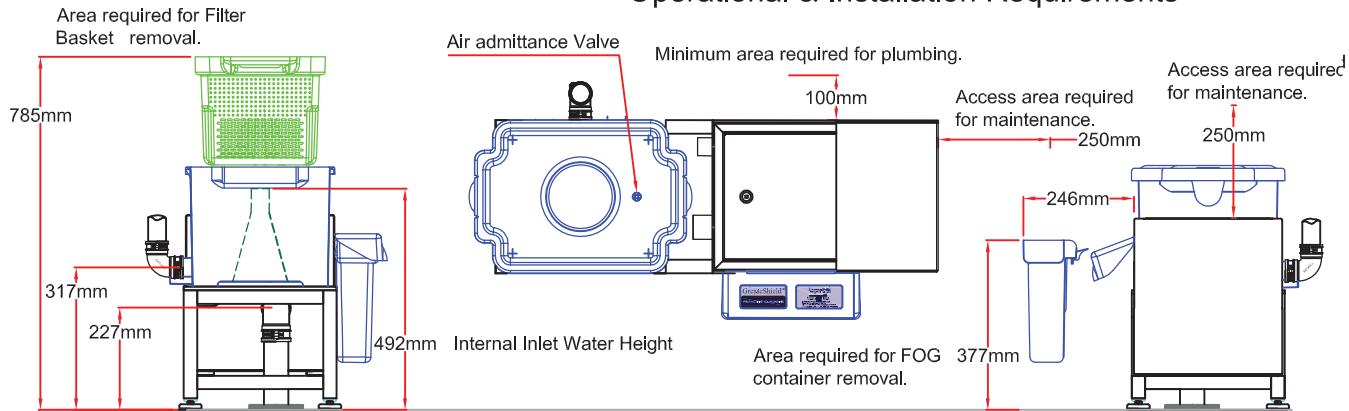
www.GreaseShield.com

GreaseShield™ Defender GS1500

Dimensions

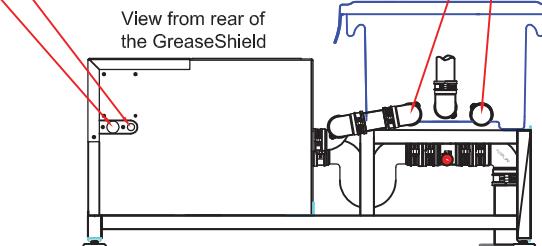


Operational & Installation Requirements



Hot Water to be connected with the 3/4" BSP Hose provided
*Optional depending on model and configuration

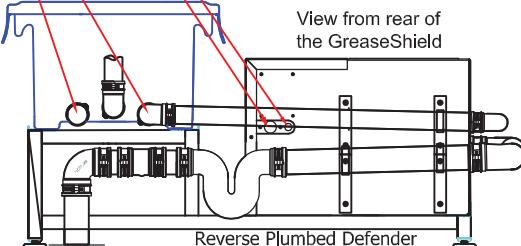
IP56. Socket to be fitted within 1.5 Metres from this point. Plug fuse not to exceed 5Amps.



Twin outlet, to facilitate reverse plumbing application

Hot Water to be connected with the 3/4" BSP Hose provided
*Optional depending on model and configuration

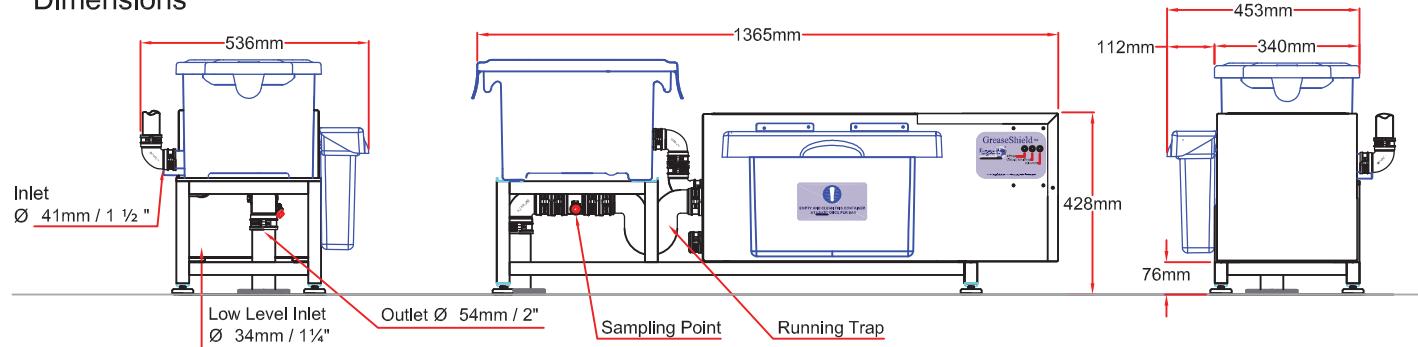
IP56. Socket to be fitted within 1.5 Metres from this point. Plug fuse not to exceed 5Amps.



Please see full GreaseShield range at www.GreaseShield.com
Please refer to the O&M manual for installation requirements.
Please refer to parts numbering schedule

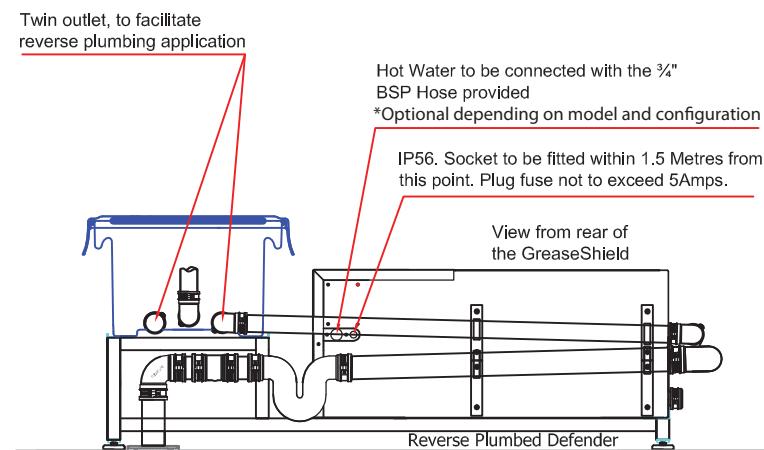
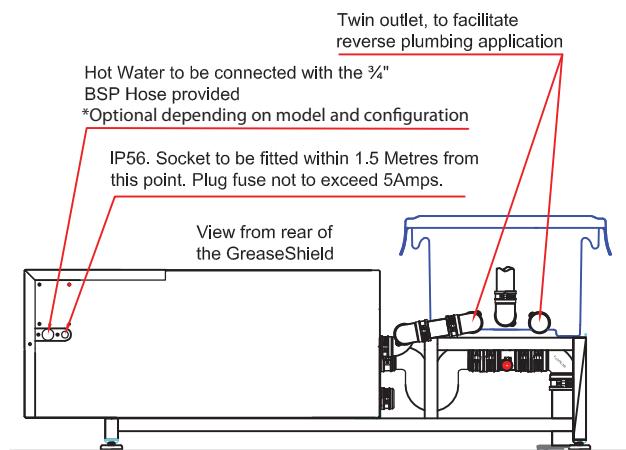
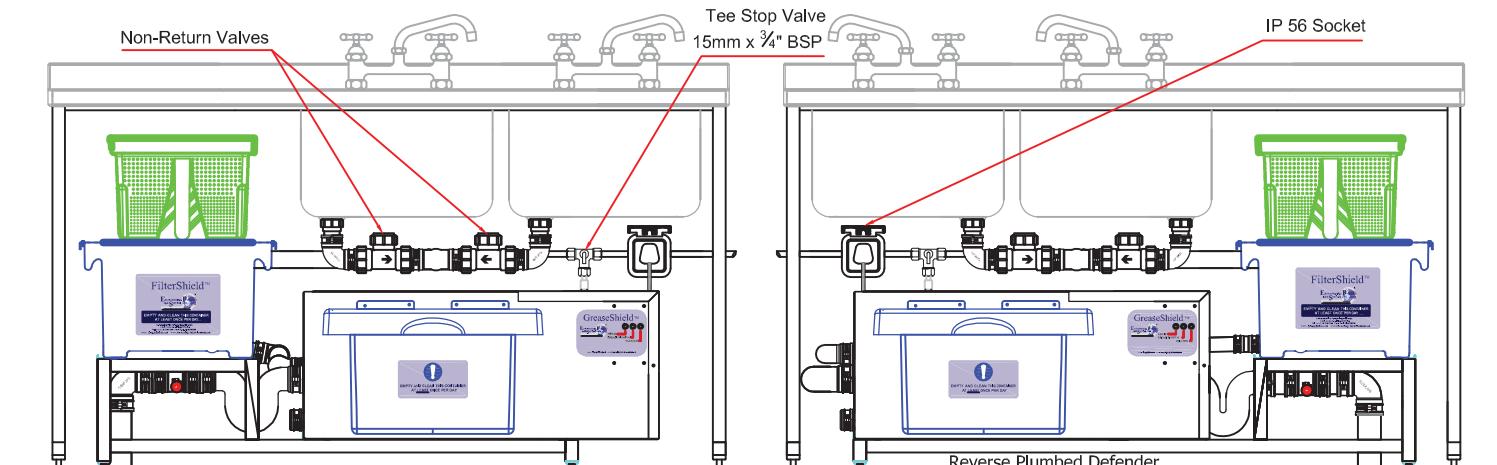
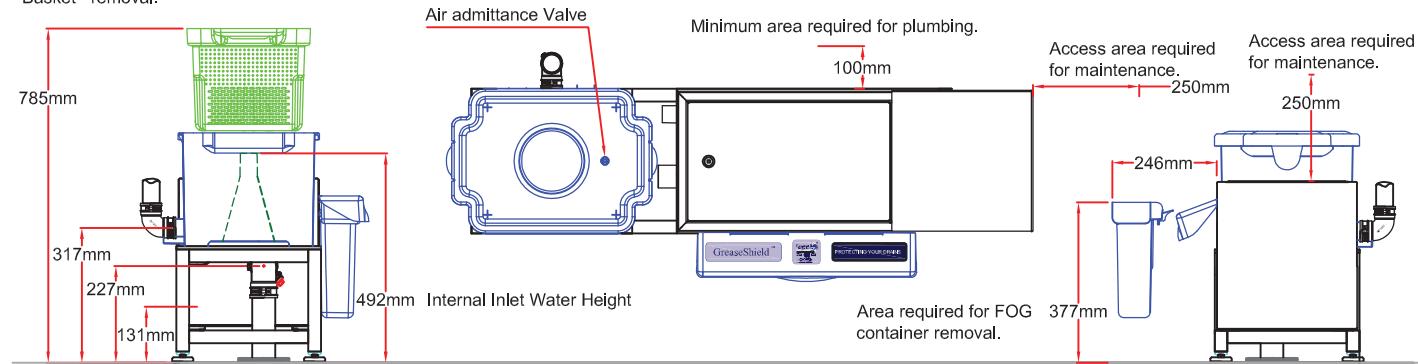
GreaseShield™ Defender GS2000

Dimensions



Area required for Filter Basket removal.

Operational & Installation Requirements



Please see full GreaseShield range at www.GreaseShield.com
 Please refer to the O&M manual for installation requirements.
 Please refer to parts numbering schedule

Specifications and Dimensions

Material: Stainless 304 and Polypropylene

MODELS	FLOW RATE	DIMENSIONS Height x Length x Width
GS 1500	1.50 Litres Per Second	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1; text-align: center;"> <p>568mm x 1030mm x 441mm (with castors)</p> <p>540mm x 1030mm x 441mm (no castors)</p> </div> <div style="flex: 1; text-align: center;"> <p>558mm x 1378mm x 441mm (with castors)</p> <p>534mm x 1378mm x 441mm (no castors)</p> </div> </div>
GS 2000	2.00 Litres Per Second	

FOG Removal Rate: **GS 1500** Up to 4 litres FOGs per hour
GS 2000 Up to 6 litres FOGs per hour

FOG Removal Means: **GS 2000** • 385mm Long x 180mm Diameter
GS 1500 • 175mm Long x 180mm Diameter

Properties:

- Oleophilic, Zero Maintenance Roller
- Wiped by Silicone Rubber Blade With Anti Static Properties
- Formed to 77 Shore Hardness For Durability
- Resistant to Fats, Oils and Greases; Spices; Alkalies and Acids in pH range 4 to 10

Fats, Oils and Grease (FOGs) **GS 2000** 6 Litres of FOGs
Cartridge Capacity: **GS 1500** 3 Litres of FOGs

Internal Cleaning Cycles: Incorporated As Standard - No Need To Desludge

External Solids Cartridge Storage Capacity: 15 Litres

PLC Control Control Smart Programmable Relay - Energy Conservation

Flexibility in FOG & Solids Removal Operating Sequences: FOG & Solids Removal can operate to specific customers requirements (opening hours/levels of contamination to be treated) and offers the flexibility of being programmed for specific needs

Motors - Single Phase 220 Volts: 1 x 24 watt = 24 watt per hour, 230v, 50Hz with automatic thermal safety protection cut-out and reset [125 Celsius +/- 10%]

Electrical Installation Requirements: A Single Phase Dedicated 13 Amp Masterseal IP56 Unswitched one gang Socket (MK56480).

Drainage & Plumbing Requirements: 110mm Gully Trap to Drain to be located 250mm to left hand side of GreaseShield unit + ¾" BSP Connection to both Mains Cold and Hot Water Supply

Managed Solutions

Giving You Peace of Mind and Leaving You Free to Concentrate on Your Business!

Environmental Products & Services can offer a complete low cost solution to your drainage problems including ongoing maintenance.

Dispenses Bio Nutrients to Bio Remediate and deal with years of neglect in the Drainage System