

*"An unrivalled award winning
appliance to solve grease related problems"*

Environmental
Products & ServicesTM
www.EPAS-Ltd.com

GreaseShieldTM ROCOM[®]

**GreaseShieldTM is the most
cost effective greasetrap in
the world combining Best
Available Technology (BAT)
with value for money.**

Save Money On
Call-out Charges
and Drain Cleaning!



Massive savings!
No periodic pumping required!
No enzymes or chemicals required!
No heating element energy costs!

Applications

Multiseries
Rotisseries
Combi Ovens

AWARDS

2011 FCSI Highly Commended Sustainable Catering Equipment Award - UK & Ireland
2010 Green Hospitality Award for Innovation - Ireland
2010 Innovation in Industry Award - N.I
2009 Eco Innovation Award - France
2009 Best Equipment Product - Ireland
2008 Best Catering Equipment Award - Ireland

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.
- ✓ Eliminates frequent pumping costs, harvesting a source of renewable energy.
- ✓ Self emptying and self cleaning. No need for staff to access the internal of the machine.
- ✓ User Friendly! Odour Free!
- ✓ No need to purchase enzymes or biological agents! No heating elements. Low operating costs.
- ✓ Reduce CO₂ 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!

ISO Certifications

Quality ISO 9001:2008 Environment ISO 14001: 2004 Health & Safety OHSAS 18001:2007

Members of

**BRITISH
HOSPITALITY
ASSOCIATION**

CESA
CATERING EQUIPMENT
SUPPLIERS ASSOCIATION

CEDA
SILVER PARTNER

EFOGA

BRITISH WATER
expertise worldwide

**RESTAURANTS
ASSOCIATION**

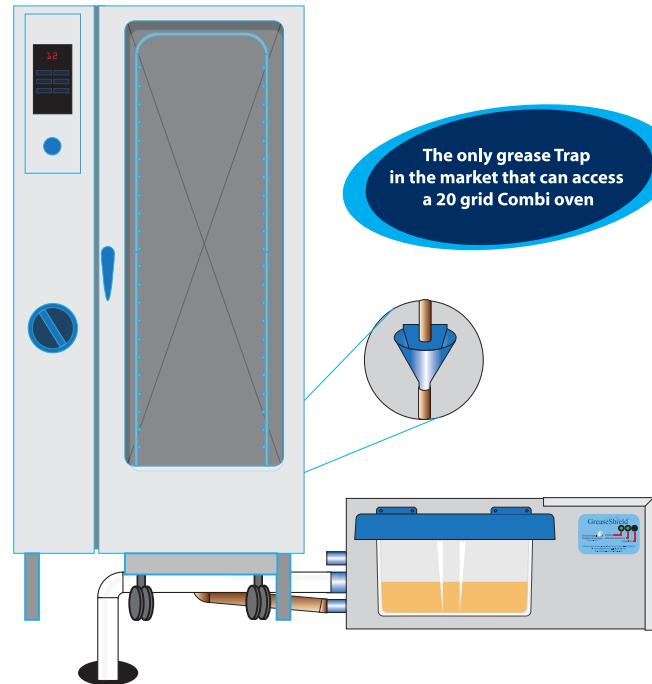
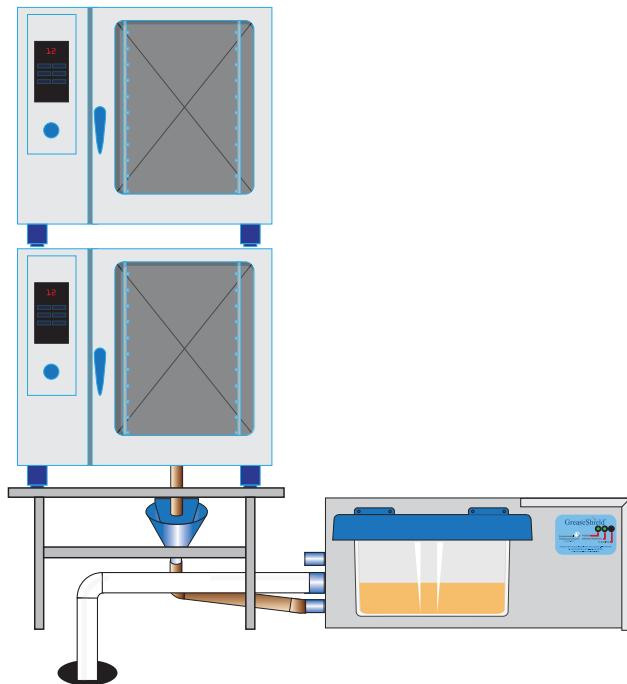
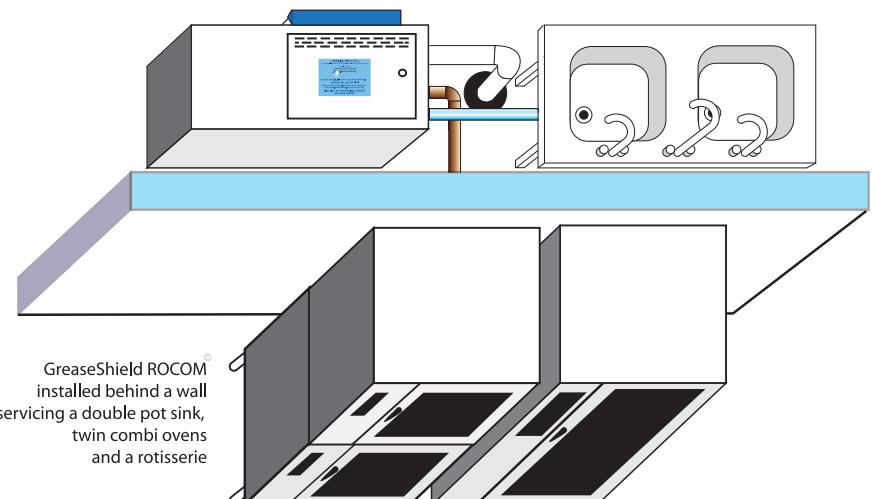
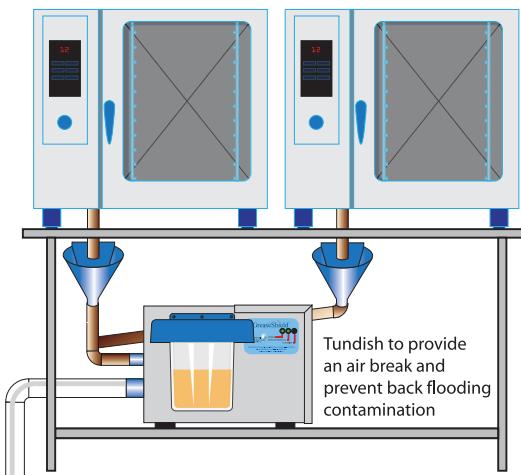


5 Shepherd's Drive
Carnbane Industrial Estate
Newry, Co. Down
N. Ireland, BT35 6JQ
Tel: +44 (0) 28 3083 3081
Fax: +44 (0) 28 3025 7556

Award Winning Technology

www.GreaseShield.com

Typical applications for combi ovens and rotisseries (schematic drawings)



The main animal fat and grease generators are pre-rinse, pot washing sinks, dish washers, combi ovens, wok cooking stations and rotisseries. Due to large concentration of fats and oils from cooking chickens in rotisseries and combi ovens, restaurants, delis and supermarkets have huge problems with grease. Animal fats will solidify below 40° Celsius. Grease solidifies in pipework before reaching external EN1825 grease traps.

The GreaseShield ROCOM is designed to slot in under any rotisserie and combi oven and service double stacked combi ovens and 20 grid ovens, removing grease related problems at source, avoiding disruption to business activities.



GS ROCOM R 1000.

Technical Information: Flow rate 1.00 L/PS. Continuous FOG removal. PLC controlled to your specifications. Motor, 230v/50hz, 5 amps, 1 x 24 watts. Weight 27.4kg, Height 365mm, Width 424mm and Length 500mm. 304 stainless steel, polypropylene inner tank. Graduated FOG collection containers. 12 month parts and labour warranty.

Applications: Combi ovens, 20 grid combi ovens and multiple combi ovens and rotisseries.

GS ROCOM R 1850.

Technical Information: Flow rate 1.85 L/PS. Continuous FOG removal. PLC controlled to your specifications. Motor, 230v/50hz, 5 amps, 1 x 24 watts. Weight 32kg, Height 365mm, Width 424mm and Length 1165mm. 304 stainless steel, polypropylene inner tank. Graduated FOG collection containers. 12 month parts and labour warranty.

Applications: Double stacked combi ovens, 20 grid combi ovens and multiple combi ovens and rotisseries.



How it Works



Stage 1: Automated Grease Separation

- GreaseShield takes advantage of waste thermal energy present in the effluent to remove emulsified animal fats and FOGs before they solidify, using a combination of retaining baffles, reverse flow configuration and the differing specific gravities of water and FOGs which are complemented by thermal layers within the effluent.
- All of these factors, working in conjunction with the properties of the unique oleophilic (attracts FOGs) and hydrophobic (repels water) FOG removal means, ensures that the objective of protecting drainage systems is achieved.
- When the FOGs Container is attached to the GreaseShield, a silicone rubber blade with anti friction properties makes contact with the slowly rotating drum allowing the FOGs to be removed externally for recycling and safe disposal.
- The Treated effluent then flows under the outlet baffle and out to drain.

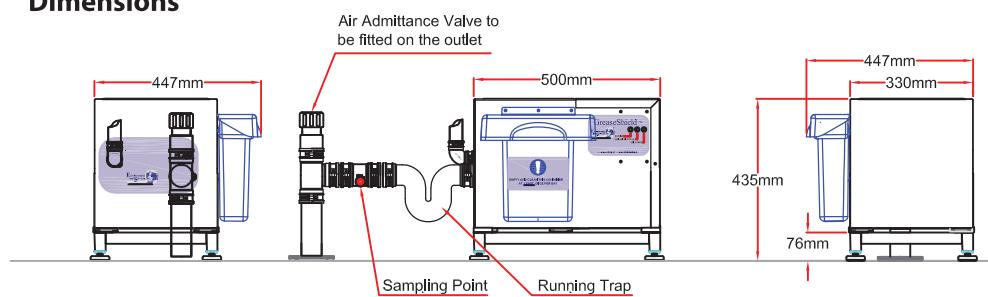


Stage 2: Automated Self Cleaning

- The GreaseShield reuses and recirculates grey water, agitating the internal tank with intermittent cleaning cycles removing fine sedimentation and back washing internal filters preventing foul smells.
- This removes staff requirements to access the internal of the GreaseShield and eliminates any recurring expense for licensed waste contractors to pump out and dispose of GreaseShield contents.



GS1000 ROCOM Dimensions

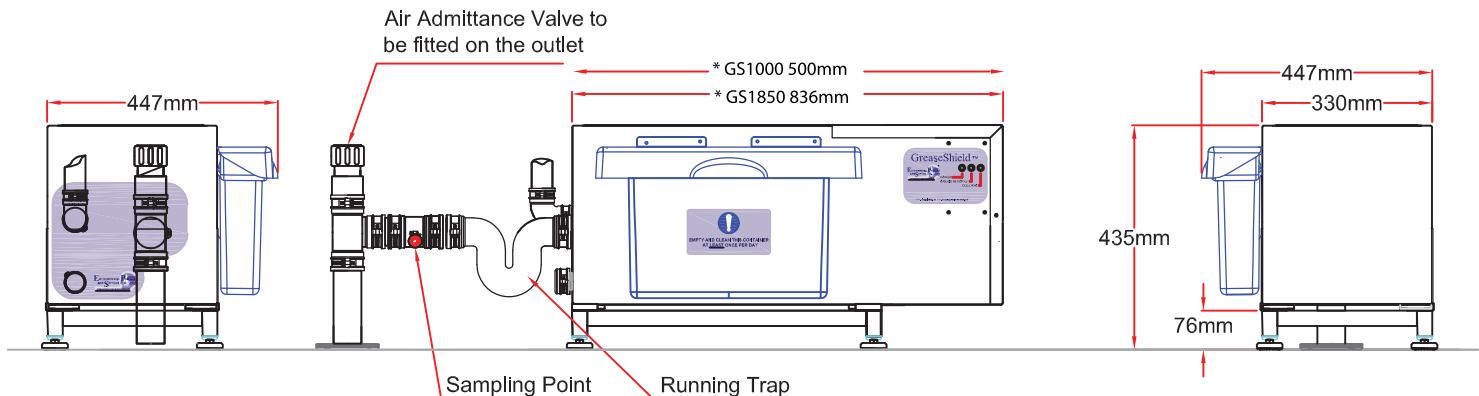


View the GreaseShield in operation on EPAS YouTube channel:
www.EPAS-Ltd.com/Videos

GreaseShield™ ROCOM®

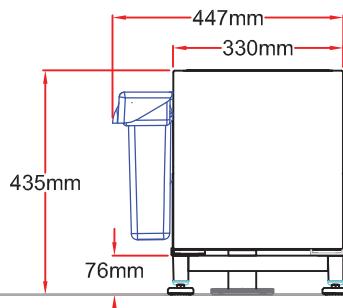
GS1850 ROCOM

Dimensions

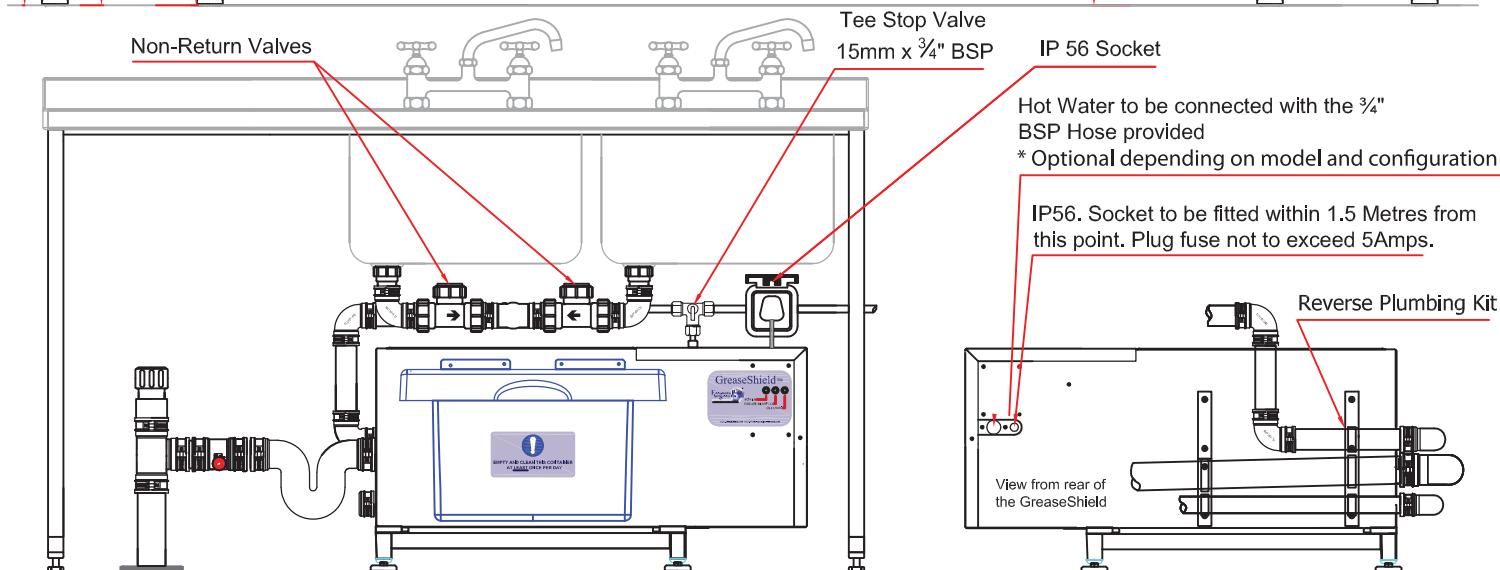
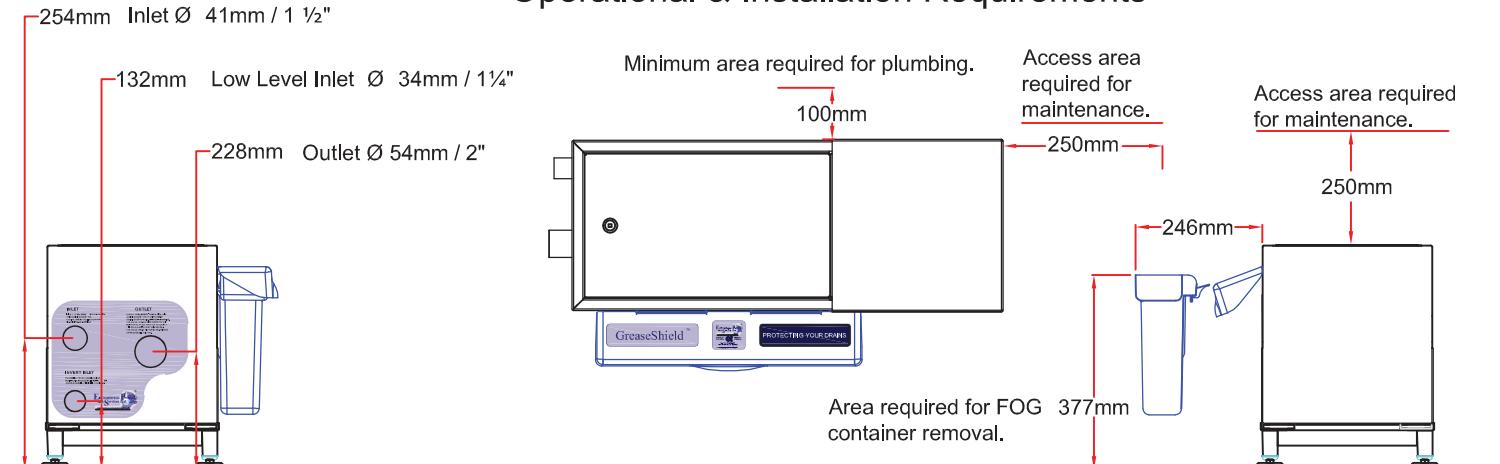


GS1000 ROCOM

Dimensions



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