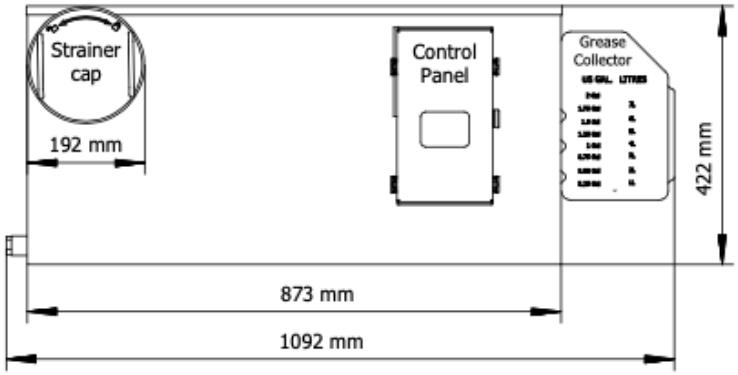
eco guardians

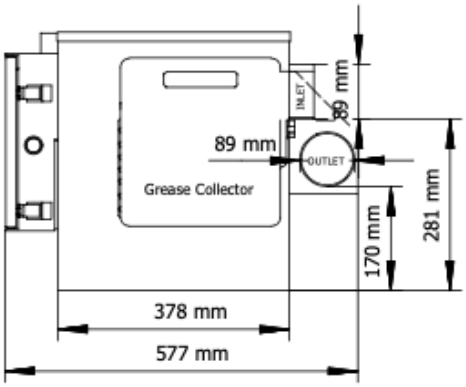
Grease Guardian®
Frontline Engineering

GGX35 Grease Guardian 230 VAC Specification

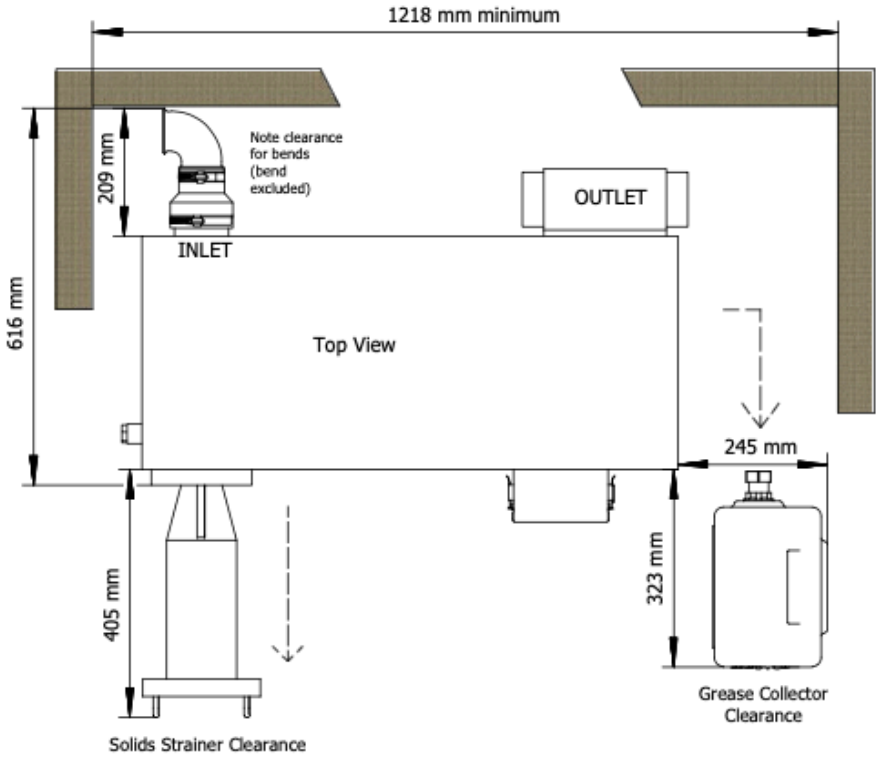
Front View



Right End View



Footprint/Containment area



TECHNICAL DATA

Weight	60 kg (empty)
Material	Exterior, 16 gauge stainless steel, bright finish
Interior	Stainless Steel and Acetal Plastic Components
Tank Capacity	80 litres
Maximum Flow Rate	2.21 Litre per Second
Tank grease Retention Cap	81.8 pounds/37 kg
Solid Strainer Capacity	6.6 pounds/2.99 kg
Skimming Rate	5 litres per hour
Progamming/Control	24 hour, 7 day, multi functional digital
Electrical Load	230VAC, 1025Watts, 4.46 AMPS

Standard Features

- Automatic grease removal mechanism
- Internal dry solids strainer
- Grease heating system
- PLC controller with LCD notifications
- Energy saving mode
- Builiding Management Control(zero volt contact for power status)
- Bidirectional Inlet and Outlet plumbing ports
- Quick Fit rubber couplings
- Pipework and power cabling concealed at rear.
- Warranty: Parts 1 year. Tank 5 years

Exclusions:

- RCD, IP socket, or any electrical supply devices beyond mains cord/plug as supplied.
- Pipework beyond inllet/outlet couplings /ventilation piping

Options: by FM Environmental on request:

- Tank support frame
- Upstream coarse solids strainer modules
- upgrade to internal spraybar system: Manual or Automatic (PRO)
- Externally mounted blower system (for surface scum dispersal)
- Sample valve (150mm addtional length in outlet pipework required)

Key Installation Notes:
Allow for the minimum clearances shown, including clearance for pipe connections and user access to front of unit

Unit should be plumbed at a gravity fall (1:40 for maximum performance)

Control panel should be fully accessible to service personnel

Electrical supply is single phase. An RCD/ELCB rated 30mA must be installed for all Grease Guardian electrical supplies

Observe all local plumbing regulations for pipe venting, trapping.
Observe all local safety and hygiene regulations

Note: Not to be treated as an installation guide. Installation guide in full is issued on supply of system.

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