



Grease Guardian®

*"A first class piece
of machinery that is
reliable and effective"*

THOMAS DELANEY
HOTEL CHIEF ENGINEER



CENTRALISED AUTOMATIC GREASE REMOVAL RANGE

TRAPS GREASE & FILTERS SOLIDS

Automatically removes grease

Minimal maintenance required

Easy to install and maintain

Suitable for up to 10l/s flow

Full customer support

Automatic solids removal (optional)

Self cleaning automatic washdown

Connects to BMS





FOUR-STAGE OPERATION SYSTEM

STAGE 1 Solids Removal

The automatic solids transfer (AST) option filters and transfers food waste automatically to drain, with no human input required. The internal strainer (IS) option filters food in a removable basket.

STAGE 2 Grease Trapped

After entering the main tank grease which is lighter than water separates naturally and remains trapped. The heavier "clean" water leaves the tank under a baffle before being discharged to drain.

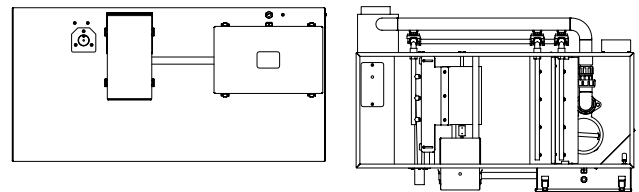
STAGE 3 Grease Removal Programme

A preprogrammed removal cycle starts by first agitating the trapped grease waste through a water-jet system automatically activated with a solenoid valve. This helps suspended grease globules to further separate and directs

the waste towards the skimming mechanism. The waste is then heated and the grease liquefies. The liquefied grease is then skimmed and transferred to external receptacles to await recycling.

STAGE 4 Self Cleaning

A wash down programme is automatically activated to ensure the screening and skimming system remains clean.



Model	Length	Width	Height	Inlet/Outlet	Flow Rate
D5/2 IS	1400	618	602	114.6	3.50 l/s
GGX 50 IS	1000	595	455	88.9	3.15 l/s
GGX 75 IS	1100	595	548	114.6	4.75 l/s
GGX 75 AST	1100	782	548	114.6	4.75 l/s
GGX 12S IS	1500	782	630	114.6	7.91 l/s
GGX125 AST	1500	782	630	114.6	7.91 l/s
D10 IS (Tilting Box)	2584	1315	1355	114.6/160	10 l/s
D10 AST	2451	1315	1355	114.6/160	10 l/s

Note:

IS denotes internal basket strainer

AST denotes automatic solids transfer functionality

All dimensions in mm.

All drawings in this brochure are guidelines and are subject to change. Always request the latest drawings from your suppliers.

Specifications: Automatic Grease Trap with in build grease skimming mechanism. 14 Gauge (2 mm) 304 Stainless Steel, 7 days 24 hr Multifunction PLC, 230 vac, 1.613 KW heating element, 25 watt motor, 9 A max current absorbed depending on pump head (for the GGX75) 230 vac, 2.613 KW heating element, 25 watt motor, 13 A max current absorbed depending on pump head (for the GGX125).

For invert levels please contact your local supplier.