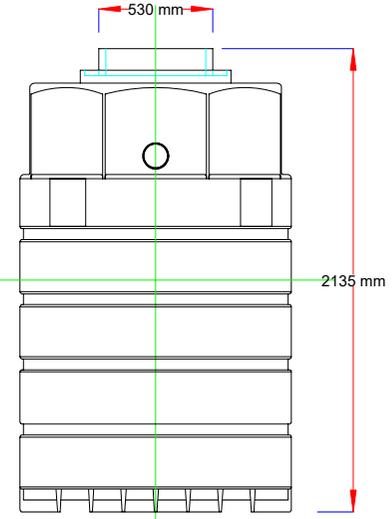
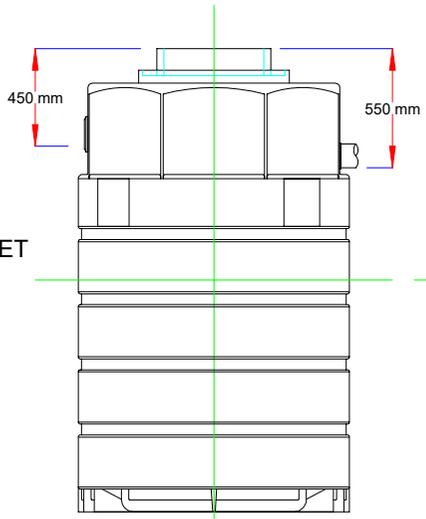
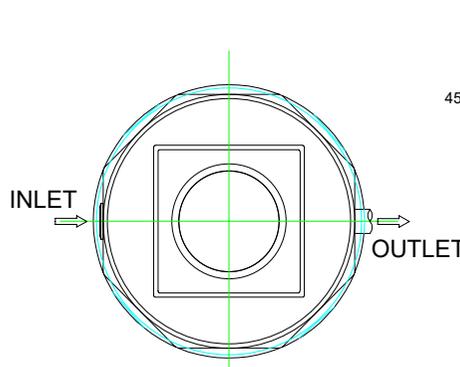


Material Specification - GS2 Grease separator		
Material	High Density, Low Melt Index Hexane Polythene	
Manufactured weight	75 kg	
Features & Benefits	High stiffness & hardness Excellent Impact Strength UV10 Stabilised	
Notes: Optional cover sizes available to suit specific application and access requirements		
PHYSICAL PROPERTIES	TEST METHOD	VALUE
MFI	ISO 1133	3.5 g/10 mm
Density	ISO 1183	0.939 g/cm ³
Tensile strength @ Yield (50mm/min)	ISO 527	17.7 MPa
Flexural modulus (1.3mm/mm)	ISO 178	790 MPa
Heat distortion temperature @1.8 MPa	ISO 75-2	48°C
ESCR, 100% Igepal	ASTM D1693	>1000 hr
ESCR, 10% Igepal	ASTM D1693	400 hr
Arm Impact (3mm thick)	Arm standard	108 J

- This tank is not designed to be subjected to vehicle loading. Wherever this is likely to occur, a load bearing cover slab should be designed by a qualified civil/structural engineer.
- Care should be taken to fully assess the ground conditions prior to commencement of installation.
- All electrical work (where appropriate) should be carried out in accordance with regulations (eg NICEIC/Building Regulations).
- Wherever there is a risk of a high water table/saturated ground/flooding then appropriate measures should be taken to de-water the site during excavation & until such time as the installation is complete. In such conditions, the entire excavation must be lined with a continuous layer of 1200 gauge polyethylene sheeting which must be overlapped along the top and tied in to ensure that no water can penetrate the liner.
- Concrete bed (minimum thickness 250 mm with appropriate reinforcement to suit ground conditions) should be laid to uniformly support the entire base of the tank.
- Lightly tamp and lower tank(s) onto wet concrete, ensuring that levels are correct and that the pipework and ducting is properly aligned.
- Fill the tank(s) with clean water to a level of approximately 300 mm (12") and recheck the pipework levels.
- Commence backfilling evenly surrounding the tank(s) with a minimum of 150 mm (6") concrete and haunching up around the base to a height of approximately 200 mm (8")
- Ensure there are no voids within the concrete. UNDER NO CIRCUMSTANCES SHOULD A VIBRATING POKER BE USED AND CONCRETE FALLING ON THE TANK(S) SHOULD BE AVOIDED WHEREVER POSSIBLE. If you contravene this warning you may damage the tank(s).
- Continue filling the tank(s) with water whilst evenly backfilling with concrete, ensuring that the progressive water level remains approximately 300 mm (12") above the concrete level.
- Using appropriate formwork, continue pouring in lifts of approximately 300 mm (12") whilst ensuring that no voids form beneath or around the modules and pipework and allowing an initial set between each lift.
- The concrete should completely encase the tank(s).
- Manhole covers should be installed using a suitably designed cover slab to suit the appropriate loadings.
- THROUGHOUT THIS ENTIRE PROCEDURE IT IS ESSENTIAL THAT A DRY EXCAVATION IS MAINTAINED UNTIL THE FINAL POUR HAS SET. FAILURE TO DO THIS MAY RESULT IN VOIDS AROUND THE TANK AND SUBSEQUENT TANK FAILURE.

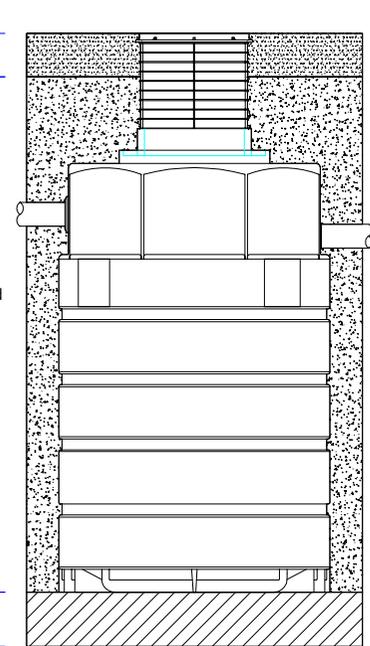
Ø1260 x 1535 mm SINGLE PIECE ROTATIONALLY MOULDED hdpe GREASE SEPARATOR	
INLET	Ø110 mm SOCKET
OUTLET	Ø110 mm SPIGOT
NOMINAL CAPACITY	1850 LITRE
SLUDGE CAPACITY	800 LITRES
FOG RETENTION	450 LITRES
SEPERATES AND RETAINS FATS, OILS AND GREASE (FOG's)	
Please Note: All passive grease traps require regular service and removal of accumulated controlled waste for environmental disposal by registered waste carriers	



Cover slab as appropriate

Concrete surround to be poured and completed in multiple lifts (approx. 300mm)

Concrete base



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REV	DETAIL	DATE	DRAWN	TITLE
				GS2 Installation & specification detail
				CUSTOMER

DRAWING NO	DATE	DRAWN
GA2355/18	05/12/2018	gf
THIRD ANGLE PROJECTION		
TOLERANCE +/- 2%		

SCALE	SHEET
NOT TO SCALE	1 of 1
REV	0