



**foghog**  
GREASE MANAGEMENT SYSTEM

## Product Catalogue & Price List

January 2020

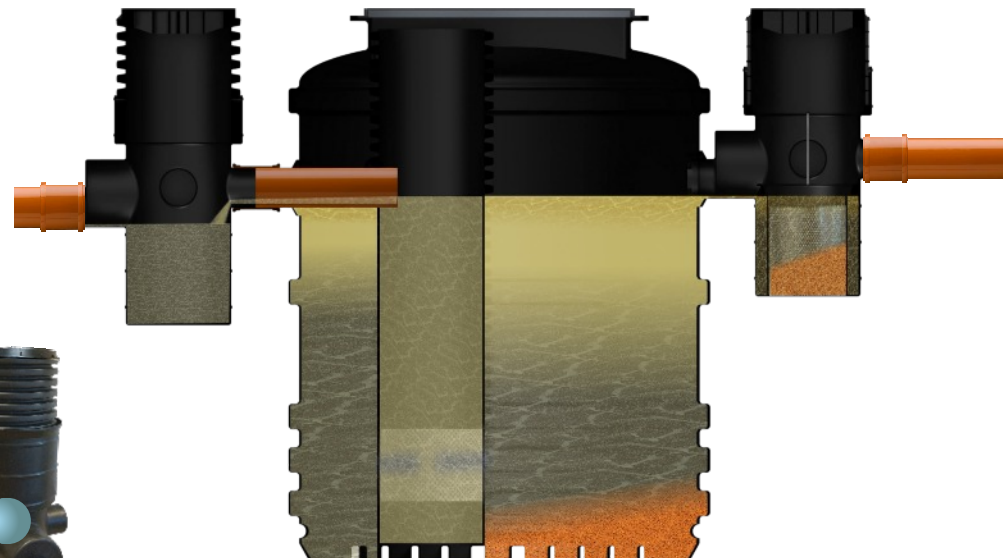
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# foghog

GREASE MANAGEMENT SYSTEM



Our NEW FOGHOG is a complete Grease Management System that has been designed to meet BS EN1825 and further more stringent regulations that are being imposed on the performance for Grease Traps and Separators. Designed for underground installation the FOGHOG comes in two sizes to suit various applications .

The FOGHOG has a strategically designed 3 stage process.



#### Stage 1 - Food waste and solids separation

The primary unit has a fully removable filter basket that can collect up to 20 kilos of food waste. With three 110mm inlet pipework options, allowing connections from different locations.



#### Stage 2 - Main Separation Unit

The Grease Trap or Separator has a 2 stage separation process, which will separate and remove lighter FOGs ( Fats Oil and Greases) from the flow, as well as support the removal of finer food waste, which over time will form into sludge.



#### Stage 3 - Sampling Unit (Optional)

The final unit allows for testing of final effluent from the system to comply with industry guidelines and recommendations. Although we can supply the system without the sampling chamber, we strongly recommend that the final installation allows for approved sampling.



# What size?

## Calculating the correct size

For Grease Traps and Separators designed to meet EN1825. The volume is calculated as a Nominal Size or NS. The overall volume is calculated by adding the volume of the required separation zone with the required sludge trap volume.

### Volume of Grease Separation Zone

The table below shows that the minimum volume required for the grease separation zone is **Nominal Size (NS) multiplied by 0.24 of a cubic metre which is equal to 240 litres** or as shown in the calculation 240.

### Volume of Sludge Trap

For the size with sludge trap the calculation method according to BS EN 1825-2 standard is the following: The volume of sludge trap needs to be a minimum of **100 x NS** in litres ie **NS1** unit needs to have a sludge retention volume of at least **100 litres**. Subsequently for Food Processing Plants, Abattoirs etc, where larger amounts of solids are expected, then the sludge trap needs to be at least **200 x NS** in litres.

Nominal Size	Minimum volume of Grease Separation zone (m³)	Minimum Volume of Sludge Trap	Minimum Volume of Sludge Trap for Food Processing Plant or Abattoir
NS	NS x 240	NS x 100	NS x 200

The table below gives a guide to the FOGHOG you require, based on number of meals and meals per day.

Product Code	Nominal Size	Separation Zone Volume (litres)	Sludge Trap Volume (litres)	Overall Volume	Restaurant		Hotel Restaurant	Hospital	Schools, Colleges with food preparation	Canteen No food preparation
					◀ ◀ Number of meals per day ▶ ▶					
					1 service	2 services				
FHGM1	1	240	120	360	50	100	90	150	100	220
FHGM3	3	720	300	1020	150	300	270	450	300	660







Product Code	Product Description	Nominal Size	Total Volume	Overall Length mm	Inlet Pipework mm EN 1401	Outlet Pipework mm EN 1401	Inlet Invert mm	Outlet Invert mm	Overall Depth mm	List Price
<b>FHGM1/3SC</b>	3 stage system with sample chamber	1	360	2156	110	110	465	600	1066	<b>€1627</b>
<b>FHGM1/2</b>	2 stage system without final sample chamber	1	360	1738	110	110	465	535	1066	<b>€1357</b>



Optional Items		List Price
<b>E300</b>	300mm ø Extension Riser - 135mm effective depth (fits stage 1 and 3 units )	<b>€24</b>
<b>E450</b>	450mm ø Extension Riser - 250mm effective depth (fits stage 2 unit only)	<b>€49</b>



Product Code	Product Description	Nominal Size	Total Volume	Overall Length mm	Inlet Pipework mm EN 1401	Outlet Pipework mm EN 1401	Inlet Invert mm	Outlet Invert mm	Overall Depth mm	List Price
<b>FHGM3/3SC</b>	3 stage System with sample chamber	3	1020	2341	110	110	465	600	1525	<b>€2785</b>
<b>FHGM3/2</b>	2 stage system without final sample chamber	3	1020	1788	110	110	465	535	1525	<b>€2514</b>



Optional Items		List Price
<b>E300</b>	300mm ø Extension Riser - 135mm effective depth (fits stage 1 and 3 units )	<b>€24</b>



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