



GREASE SEPARATORS

A RANGE OF BS EN 1825-1 APPROVED GREASE SEPARATORS
FROM THE EXPERTS IN WASTEWATER SOLUTIONS



60

YEARS OF EXPERTISE & QUALITY



With over 60 years' experience in premium wastewater treatment solutions, Kingspan Klargester are here to help you make the correct grease separator choice for your project with a compliant system tailored to your individual needs.

Market leaders in wastewater treatment

With a Kingspan Klargester grease separator, you can enjoy the peace of mind that only the market leaders in wastewater treatment systems can offer. All our separators are totally compliant with BS EN 1825-1.

Support from start to finish from the

global experts in wastewater treatment solutions

Our experienced local Kingspan Klargester product experts are on hand with professional advice on all aspects of your grease separator, including sizing and installation.

WHAT YOU CAN EXPECT FROM US



Step 1

After you contact us, we'll arrange for a local Kingspan Klargester product expert to visit your site, should you need us.



Step 2

Kingspan Klargester expert team carry out a full site assessment to determine the most suitable grease separator model.



Step 3

A Kingspan Klargester professional will commission and activate your separator.



Step 4

We offer tailored service and maintenance packages for your grease separator from our in-house service department.

GREASE SEPARATORS

An effective and hygienic method of separating fat and grease from wastewater flow.

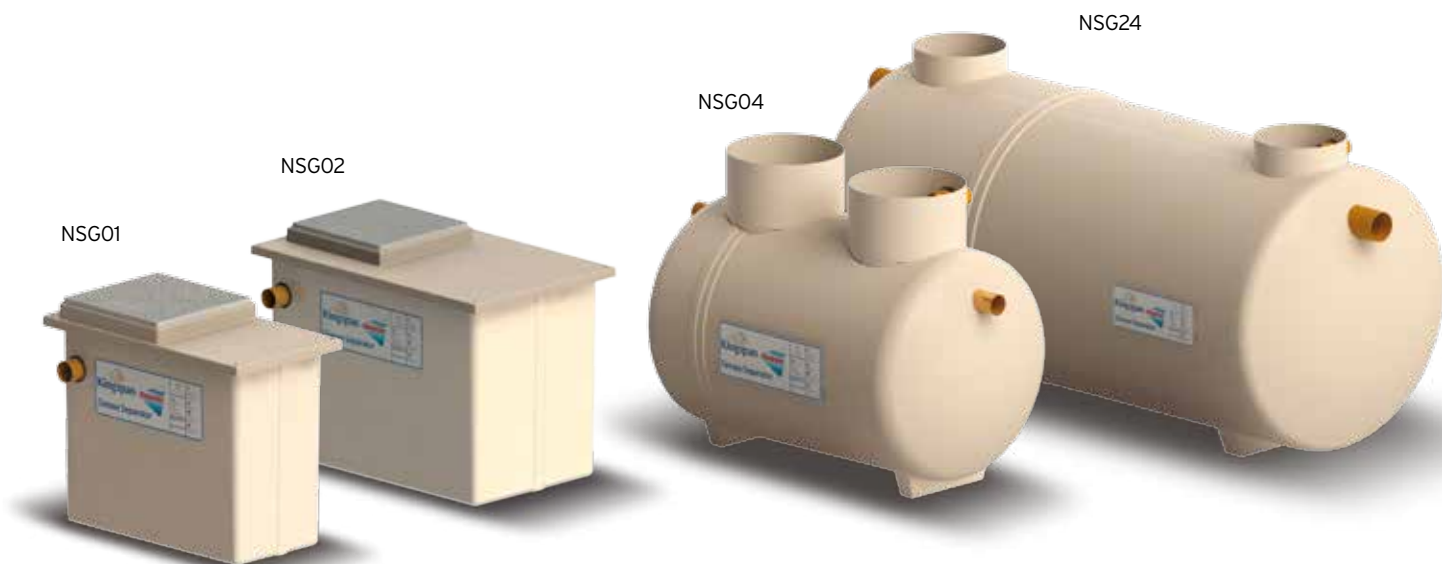
Kingspan Klargester offer one of the only certified Grease Separator ranges in the UK. Fully compliant to the latest BS EN 1825-1 standard, Kingspan Klargester grease separators come in a variety of sizes to suit any project.

All systems are manufactured in Glass Fibre Reinforced Polyester (GRP) and are robust, lightweight and easy to install.

The units are based on the site's average number of meals per day. The grease discharged into the unit is expected to come from pot washing sinks, dishwashers and other kitchen sinks.

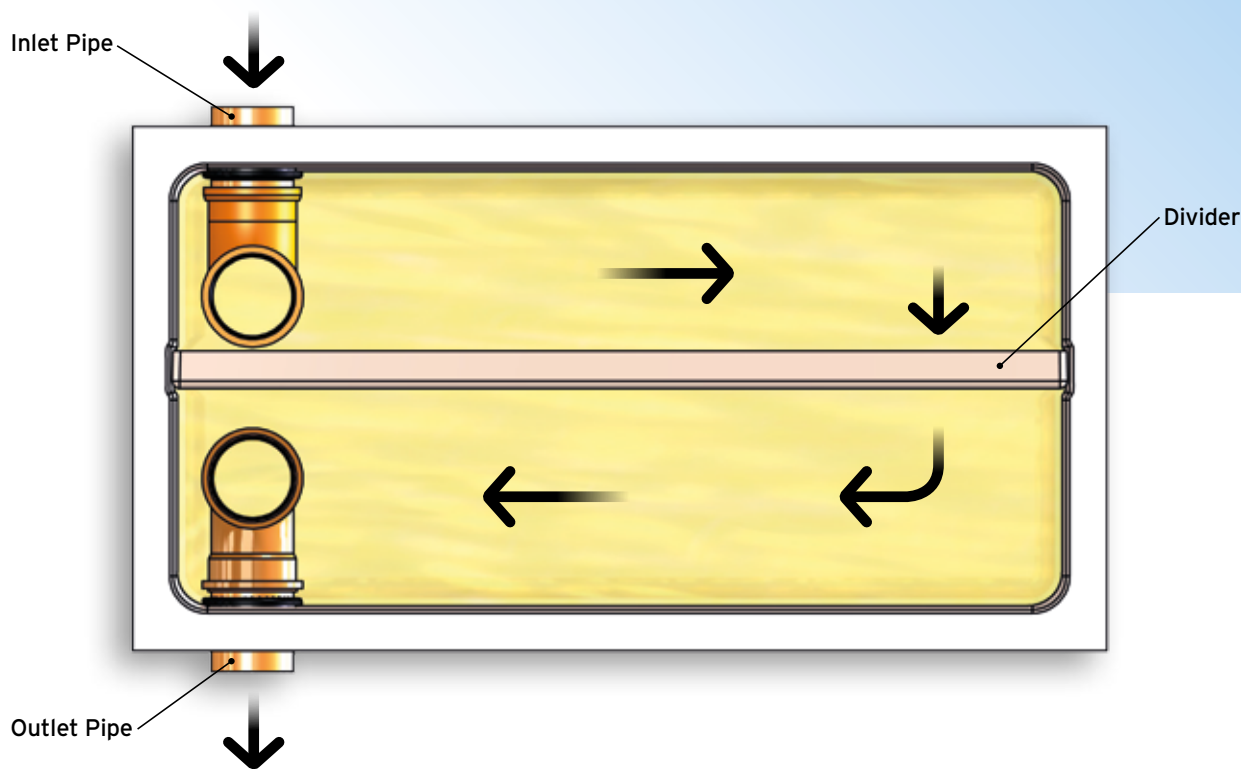
Features & Benefits

- Greatly reduces drain blockages, for maximum operational efficiency
- Helps improve performance of septic tanks and field drains for best results
- Manhole cover with easy access for maintenance
- 70mm min total fall in accordance with BS EN 1825-1
- Prevents contamination of small sewage treatment plants, reducing risk of breakdown
- Proven performance in accordance with BS EN 1825-1
- Protects mains drainage system from grease blockages
- Easy to install



HOW A GREASE SEPARATOR WORKS

Our Grease Separator Range, in compliance with BS EN 1825-1 are designed for the separation of greases and oils of vegetable and animal origin from wastewater by means of gravity without any external energy.



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Process:

The wastewater will enter the unit through the inlet pipe and upon entering heavy solids & silt will fall to the bottom of the separator where the material will settle while the grease/ light oils will float to the highest retainable point in the chamber known as the grease collection area. The treated liquid will then pass along the separation area and leave the unit through the outlet pipe.

Grease Separators Technical Sizing Guide

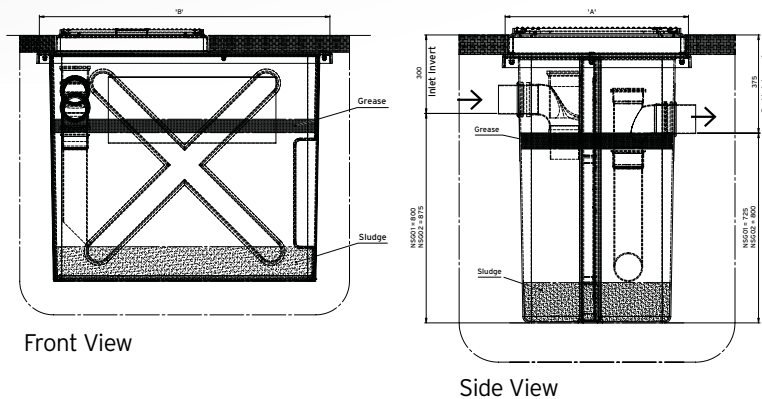
Meals Per Day	Standard Meals	Fast Food	Fine Cuisine
40	NSG01	NSG01	NSG02
60	NSG02	NSG02	NSG02
80	NSG02	NSG02	NSG04
100	NSG02	NSG04	NSG04
200	NSG04	NSG06	NSG09
300	NSG06	NSG09	NSG18
500	NSG09	NSG18	NSG18
700	NSG18	NSG18	NSG24
900	NSG18	NSG24	
1300	NSG24		

As dictated by the standard, no individual sample upon leaving the unit shall have a value higher than 30mg/l. Our test certificate shows that our NSG01 unit has achieved 21.2mg/l and our NSG02 unit has achieved 12mg/l.

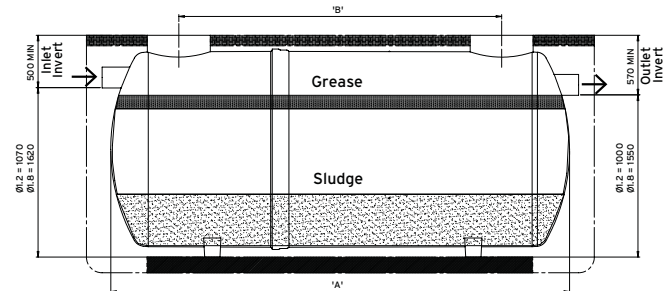
TECHNICAL DETAILS

Traps and separators allow fats and grease to naturally separate out from water, allowing their removal prior to the wastewater reaching the drainage system. The separator should be installed close to the source of contamination before any foul waste can enter the drainage flow and to suit the expected liquid temperature.

NSG01/02



NSG04/06/09/18/24



Separator Model	Dimensions		Capacity	Approx Weight		Shipping Height	Fall Across The Unit	
	A	B		Empty	Full			
NSG01	700	1300	500L	70kg	570kg	1100	75	
NSG02	1000	1600	1000L	90kg	1090kg	1175	75	
NSG04	2072	872	2000L	120kg	1860kg	1570	70	
NSG06	3018	1818	3000L	160kg	2820kg	1570	70	
NSG09	3895	2690	4000L	190kg	3760kg	1570	70	
NSG18	3231	1931	8000L	300kg	7162kg	2120	70	
NSG24	4386	3089	11000L	380kg	9885kg	2120	70	



Vehicular covers are available for NSG01 and NSG02

Book your FREE site visit

www.kingspanklargester.com
or contact us on 01296 633 000

> Fully Tested and Compliant with BS EN 1825-1

Grease Separators



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