



# KINGSPAN KLARGESTER PRODUCT GUIDE

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**TRUSTED EXPERTS**  
in quality wastewater  
management solutions

# ABOUT KINGSPAN KLARGESTAR

## The Trusted Wastewater Management Experts

Kingspan Klargestar are the wastewater management experts with over 60 years of innovation and knowledge. Our mission is to design and manufacture tried and tested wastewater management solutions on a global scale for the leisure, public, hospitality, transport and domestic sectors whilst offering one of the largest and most technologically advanced wastewater ranges available in the Middle East.

Operating in 85 countries worldwide, we offer a global distribution network backed by experienced local sales and technical teams. Our technical support teams provide focused customer service from delivery scheduling to consultancy and installation guidance. We give you the confidence of support over the lifetime of the product and beyond, in your local area.





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Expertise, reliability and trust

## EXPERT TECHNICAL SUPPORT

We stand by the quality and performance of Kingspan Klargester wastewater treatment solutions and our support doesn't stop once your tank is installed.

We're on standby 24/7 with guidance on your wastewater project.

Our world class design consultancy is complemented by engineering expertise and advice as well as service throughout your commercial or industrial wastewater project.

We use the latest design technology to produce drawings of extremely high quality. Our project management process is a step-by-step one, to ensure the very best experience and results. It covers everything from system sizing, product selection and system design to calculations, manufacturing, installation and delivery. Our advice also spans water management specification, design, product application and integration with building regulations, code compliance and sitework installation practices to meet the most demanding effluent qualities, flow rates and discharge consents.

Contact our technical team today for information on any of our wastewater treatment solutions.

Email [klargesterre@kingspan.com](mailto:klargesterre@kingspan.com)

Kingspan Klargester's support doesn't stop once you have purchased the product. Our expert team are here to help you with technical, sales and delivery enquiries. We are dedicated to our customers and pride ourselves on top class customer service. Contact us directly - we are happy to help.



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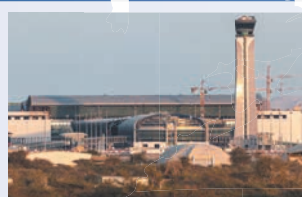
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# MIDDLE EASTERN INSTALLATIONS



**IKEA STORE**  
Jordan

BioFicient Sewage  
Treatment Plant



**MUSCAT AIRPORT**  
Oman

Fuel/Oil Separators

**60 YEARS  
OPERATION  
AROUND  
THE WORLD**



**AZ-ZOUR  
DESALINATION  
PLANT**  
Kuwait city

Fuel/Oil Separators and  
Package Pumping Stations



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**HAMAD  
INTERNATIONAL  
AIRPORT**

**Qatar**

Fuel/Oil Separators



**JUMEIRAH LAKE  
TOWERS**

**Dubai**

Fuel/Oil Separators



**HARAMAIN  
'WESTERN RAILWAY'  
HIGH SPEED  
RAIL PROJECT**

**Saudi Arabia**

Fuel/Oil Separators



**SOHA LABOUR  
CAMP**

**Oman**

Forecourt Separators and  
Sewage Treatment Plants



**FOUR SEASONS  
HOTEL**

**Abu Dhabi**

Fuel/Oil Separators and  
Grease Separators

# COMMERCIAL SEWAGE TREATMENT PLANT

Kingspan Klargester design and manufacture tried and tested sewage treatment plants for a range of commercial applications including leisure, public, hospitality and transport. We offer one of the largest and most technically advanced sewage treatment plant ranges available on the market.

## LOW OPERATIONAL COSTS

Advanced, unique technology across our BioDisc and BioFicient sewage treatment plant ranges results in the lowest operational costs in the market.



Contact the expert Kingspan Klargester team who will provide technical assistance in selecting the appropriate commercial sewage treatment plant for your application. Email [klargesteme@kingspan.com](mailto:klargesteme@kingspan.com) or visit [kingspanklargester.com/me](http://kingspanklargester.com/me)

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## BIODISC COMMERCIAL RANGE

The Kingspan Klargester BioDisc BD-BM sewage treatment range benefits from a wealth of industry experience and knowledge that allowed us to bring to market the first Rotational Biological Contactor treatment system over 40 years ago.

The unique design of the Kingspan Klargester Commercial BioDisc BD-BM range has a proven track record for high-quality performance, superior reliability and low operational costs.

Each system is delivered direct to your site and ready to install, giving you added peace of mind.

The BioDisc commercial range is fully compliant with all European standards including EN 12255 and EN 12566-3.

## BIOFICIENT COMMERCIAL RANGE

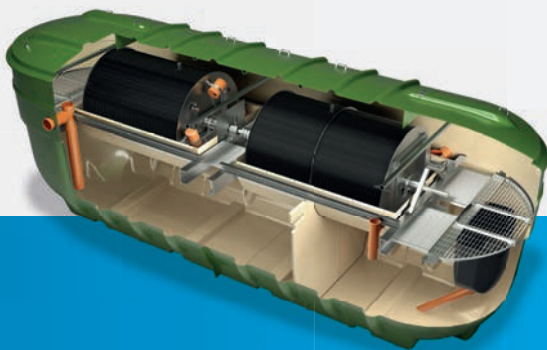
The BioFicient range from Kingspan Klargester is designed with efficiency in mind. Its design incorporates flow management in order to both stabilise influent volume variations and to minimise hydraulic impact on the final settlement process. Such control ensures that final effluent remains at a consistently high quality.

The BioFicient Commercial range is available from 50 to 1000PE in two tank diameter options Ø1.8 & Ø2.6.

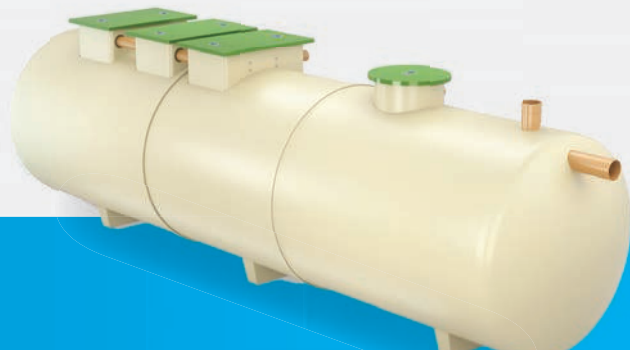
Ø1.8 systems supplied as multiple tanks from 75PE to 500PE.

Ø2.6 systems supplied as multiple tanks from 350PE to 1000PE.

The BioFicient commercial range is fully compliant with all European standards including EN 12255 and EN 12566-3.



BioDisc Commercial



BioFicient Commercial

[klargesterre@kingspan.com](mailto:klargesterre@kingspan.com)

# BIODISC COMMERCIAL SEWAGE TREATMENT PLANT

The unique design of the Kingspan Klargester Commercial BioDisc BD-BM range has a proven track record for high-quality performance, superior reliability and low operational costs.

## APPLICATIONS

The BioDisc BD-BM range is suitable for a range of applications including:

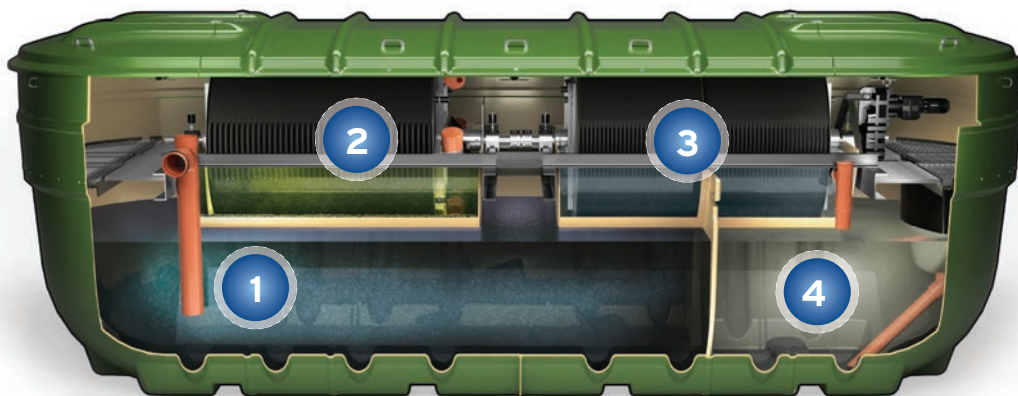
- › Leisure.
- › Public.
- › Hospitality.
- › Transport.
- › Offices.

## PERFORMANCE AND COMPLIANCE

- › Compliant with EN-12255 and EN 12566-3.
- › Designed for applications selected in compliance with British Water Code of Practice Flows and Loads.

## PRODUCT BENEFITS

- › Unique RBC technology.
- › Tried and tested technology offers robust and efficient wastewater treatment.
- › Low running costs.
- › Noise free.
- › Fully removable lid for easy desludging.
- › Fully packaged system, delivered direct on site.
- › 100% compliance with industry requirements across commercial sectors- including national and international regulations such as BS EN12255 and EN 12566-3 (up to 50 PE).
- › Bespoke technical support offered from our in-house technical teams.



**1** Primary Settlement Tank

**2** First Stage Biological Treatment

**3** Second Stage Biological Treatment

**4** Final Settlement Tank



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## TECHNICAL SPECIFICATIONS

Unit Size	BE	BF	BG	BH	BJ	BK	BL	BM
Daily BOD Load (KG)	2.1	3	4.5	4.2	6	7.5	9	13.5
Daily Flow DWF (m3)	5.3	7.5	11.3	10.5	15	18.8	22.2	33.75
Width (mm)	2450	2450	5235	7755	7755	7755	7755	2605
Inlet Invert depth (mm)	600/1100	600/1100	600/1100	600/1000	600/1000	600/1000	600/1000	600/1000
Depth Below Inlet Invert (mm)	1825	1820	1820	1790	1790	1790	1790	1790
Outlet Invert Depth (mm)	685	700	700	750/1150	750/1150	750/1150	750/1150	750/1150
Overall Height (mm)	2825	2825	2825	2830/3230	2830/3230	750/1150	750/1150	2838/3288
Height to Rim of Cover (mm)	2485	2485	2485	2490/2890	2490/2890	2490/2890	2490/2890	2561
Empty Weight (kg)	1200	1315	1660	3000/3020	3100/3120	3200/3220	3300/3320	3500/3610
Standard Power Supply	1 phase	1 phase	1 phase	3 phase	3 phase	3 phase	3 phase	3 phase
Optional Power Supply	3 phase	3 phase	3 phase	1 phase	1 phase	1 phase	1 phase	1 phase
Motor Rating - 1phase/3phase (watts)	75/60	120	180	250	250	370	370	370
Full Load Current 1 Phase (amps)	1.1	1.26	1.7	1.95	1.95	2.35	2.35	2.8
Full Load Current 3 Phase (amps)	0.35	0.42	0.63	0.88	0.88	1.35	1.35	1.5
Sludge Return Pump Rating (watts)	-	-	250	480	480	480	480	550



For specialist advice on our range of fully compliant sewage treatment plants, please contact our Kingspan Klargester technical team on [klargesterme@kingspan.com](mailto:klargesterme@kingspan.com)

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# BIOFICIENT COMMERCIAL SEWAGE TREATMENT PLANT

BioFicient commercial sewage treatment plant is designed with efficiency in mind. It offers reliable performance using tried and tested technology to ensure consistently high effluent quality.

## APPLICATIONS

The BioFicient commercial range is suitable for use across the following applications:

- › Residential.
- › Leisure.
- › Public sector.
- › Hospitality.
- › Transport.
- › Offices.
- › Campsites.

## PERFORMANCE AND COMPLIANCE

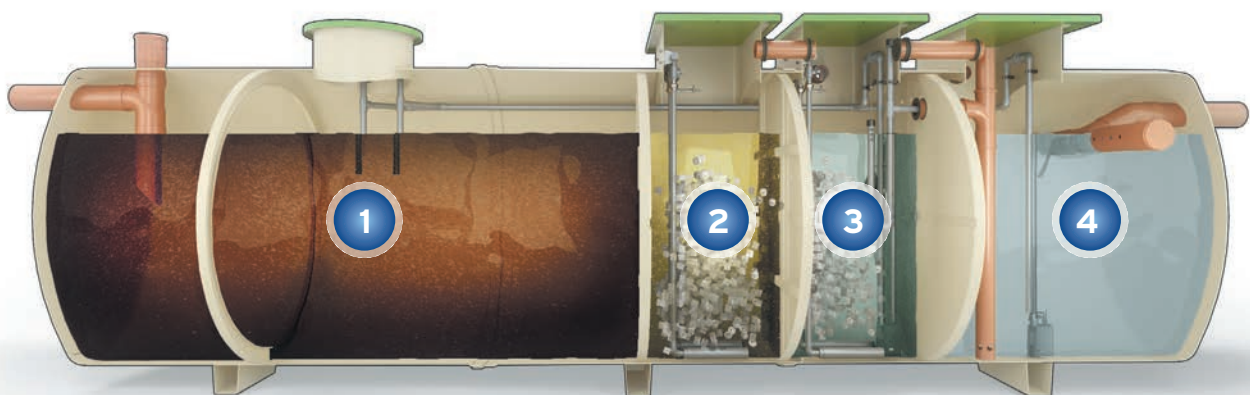
Compliant with EN-12255 and EN 12566-3.  
Designed for applications selected in compliance with British Water Code of Practice Flows and Loads.

**2.6 diameter BioFicient is also available as an alternative model.**

Contact us at [klargesterre@kingspan.com](mailto:klargesterre@kingspan.com) for more details.

## PRODUCT BENEFITS

- › Adaptable to specific consent requirements including 'Total Nitrogen'.
- › Low head loss.
- › Minimal footprint area and visual impact.
- › Variable invert options (0.5 - 2.0 M).
- › May be installed in trafficked areas (subject to loading).
- › Compliant with EN-12255 and EN 12566-3.
- › Designed and sized in accordance with British Water Code of Practice Flows and Loads but can be sized to suit local site conditions.
- › Low maintenance.
- › Alarm protected.



**1** Primary Settlement Tank

**2** Biozone 1

**3** Biozone 2

**4** Final Settlement Tank



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## TECHNICAL SPECIFICATIONS

Bioficient	34	38	42	47	55	67	80
Connected Population (PE) *	75	100	125	150	200	250	300
Maximum flow per day (m3)	11.25	15	18.75	22.5	30	37.5	45
Maximum BOD5ATU per day (kg)	4.5	6	7.5	9	12	15	18
Maximum NH4-N per day (kg)	0.6	0.8	1	1.2	1.6	2	2.4
Tank Length A (mm)	6000	9000	9000	9000	9000	9000	9000
Operating Volume (m3)	12.1	18.2	18.2	18.2	18.2	18.2	18.2
Tank Length B (mm)	7600	7000	8200	9000	9000	7400	9000
Operating Volume (m3)	14.8	14.5	18.2	18.2	18.2	15	18.2
Tank Length C (mm)	NA	NA	NA	NA	6700	9000	9000
Operating Volume (m3)	NA	NA	NA	NA	14.5	19.1	19.1
Tank Diameter (mm)	1800	1800	1800	1800	1800	1800	1800
Standard Inlet/Outlet Dia (mm)	160	160	160	160	160	160	160
Retention time (hrs)	57	52	47	39	41	33	30



For specialist advice on our range of fully compliant sewage treatment plants, please contact our Kingspan Klargester technical team on [klargesterme@kingspan.com](mailto:klargesterme@kingspan.com)

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# FUEL AND OIL SEPARATORS

Kingspan Klargester offer a range of fully compliant fuel/oil separators for a wide range of applications; commercial, infrastructure, hospitality, leisure and industrial.

## HIGH PERFORMANCE

Trusted fuel and oil separator solutions, engineered for continued high performance and reliability.



Contact the expert Kingspan Klargester team who will provide technical assistance in selecting the appropriate separator for your application. Email [klargesteme@kingspan.com](mailto:klargesteme@kingspan.com) or visit [kingspanklargestester.com/me](http://kingspanklargestester.com/me)

[www.kingspanklargestester.com/me](http://www.kingspanklargestester.com/me)

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## WHEN IS A SEPARATOR NEEDED?

### Full Retention Separators

Full retention separators are used in high risk spillage areas such as fuel distribution depots, vehicle workshops and scrap yards.

### Bypass Separators

Bypass separators are used when it is considered an acceptable risk to not provide full treatment for very high flows, i.e. where the risk of a large spillage and heavy rainfall occurring at the same time is small.

### Forecourt Separators

Forecourt separators are used to intercept hydrocarbon pollutants such as petroleum and oil to prevent their entry to the drainage system.

Typical applications include petrol filling station forecourts and car breaker yards.

## SEPARATOR STANDARDS AND TYPES

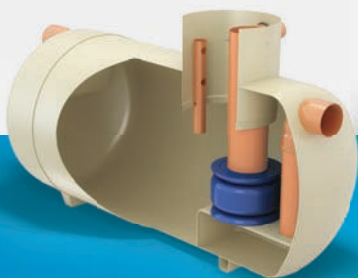
Kingspan Klargester have adopted European standard EN 858-1 and EN 858-2 for the design and use of prefabricated oil separators. New prefabricated separators should comply with the standard.

## SEPARATOR CLASSES

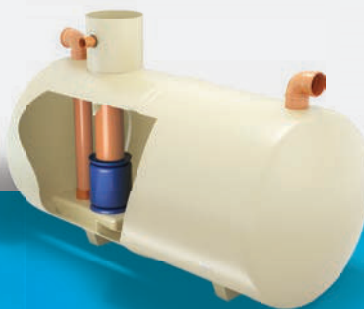
Kingspan Klargester Class 1 fuel and oil separators are tested to exceed all European standards.

### CLASS 1 FUEL AND OIL SEPARATORS

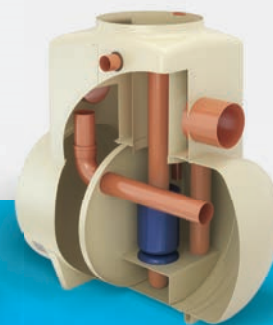
**Designed to achieve a concentration of less than 5mg/l of oil under standard test conditions.**



Full Retention Separators



Forecourt Separators



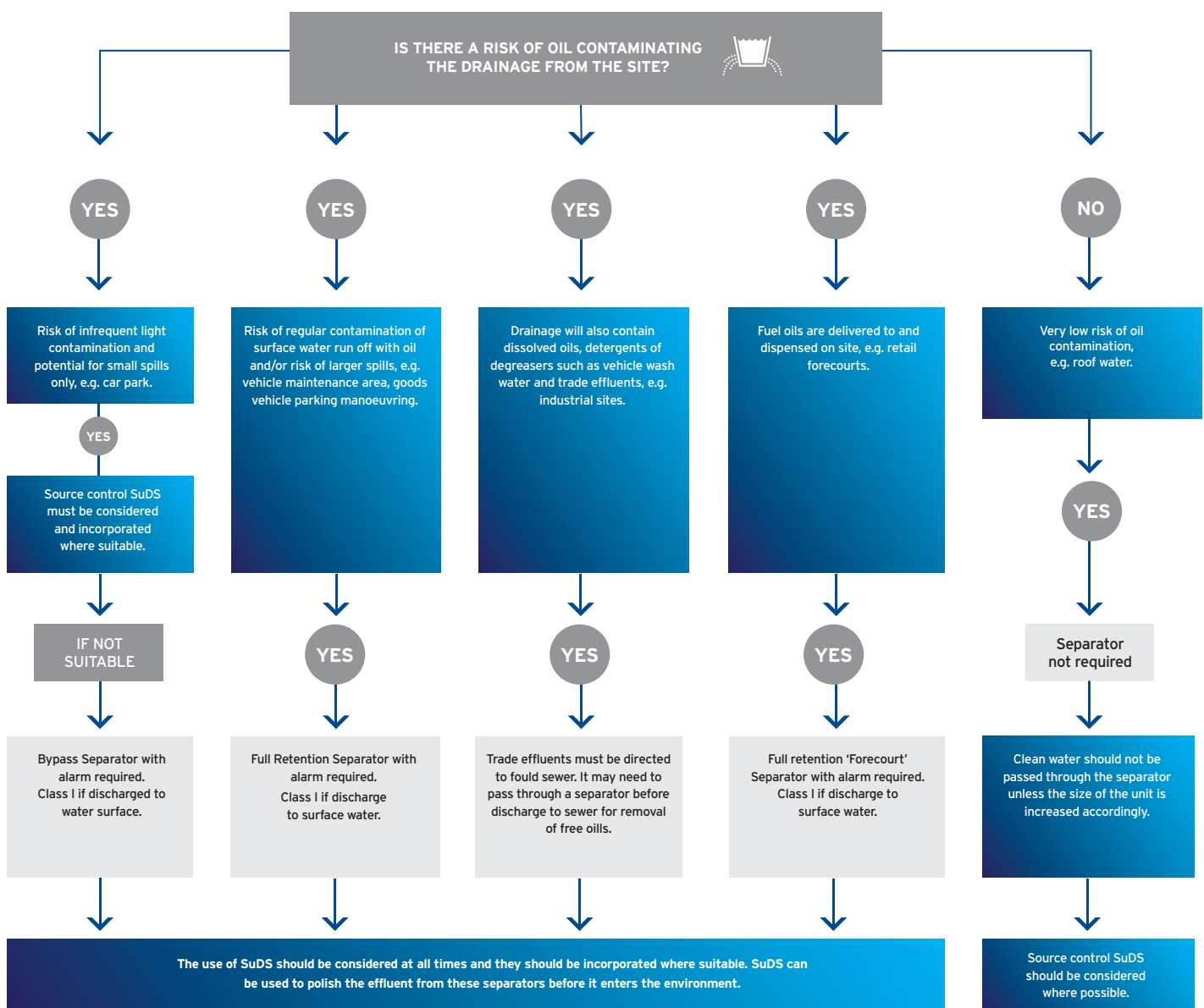
Bypass Separators



# CHOOSING THE RIGHT SEPARATOR

Kingspan Klargester has a specialist team who provide expert technical assistance in selecting the appropriate separator for your application.

The chart below gives guidance to aid selection of the appropriate type of fuel/oil separator for use in surface water drainage systems which discharge into rivers and soakaways.



The use of SuDS should be considered at all times and they should be incorporated where suitable. SuDS can be used to polish the effluent from these separators before it enters the environment.

Source control SuDS should be considered where possible.



# FULL RETENTION SEPARATORS

## NSF RANGE

Full retention separators are used in high risk spillage areas such as fuel distribution depots, vehicle workshops and scrap yards.

### PERFORMANCE AND COMPLIANCE

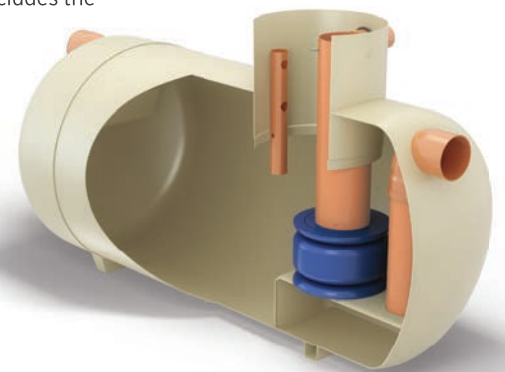
- › Kingspan Klargestar were one of the first UK manufacturers to have the required range certified to EN 858-1 in the UK.
- › The NSF number denotes the flow at which the separator operates.

- › Approved by The British Standards Institute (BSI) in relation to flow and process performance, meeting effluent quality requirements of EN 858-1.

Each full retention separator design includes the necessary volume requirements for:

- › Oil separation capacity
- › Oil storage volume
- › Silt storage capacity
- › Coalescer (Class I units only)
- › Automatic closure device

\*Our full retention separators treat the whole of the specified flow.



### TECHNICAL SPECIFICATIONS

Separator Model	Flow (l/s)	Drainage Area (m2) PPG-3 (0.018)	Storage Capacity (Ltrs)		Length (mm)	Diameter (mm)	Manhole Cover Dimensions (mm)	Base Inlet Invert (mm)	Base to Outlet Invert (mm)	Min Inlet Invert (mm)	Standard Pipework Diameter (mm)
			Silt	Oil							
POLYETHYLENE CHAMBER CONSTRUCTION											
NSFP003	3	170	300	30	1700	1350	600	1410	1335	550	160
NSFP006	6	335	600	60	1700	1350	600	1410	1335	550	160
GRP CHAMBER CONSTRUCTION											
NSFA010	10	555	1000	100	2610	1225	600	1050	1000	500	200
NSFA015	15	835	1500	150	3910	1225	600	1050	1000	1000	200
NSFA020	20	1115	2000	200	3200	2010	600	1810	1760	1000	315
NSFA030	30	1670	3000	300	3915	2010	600	1810	1760	1000	315
NSFA040	40	2225	4000	400	4640	2010	600	1810	1760	1000	315
NSFA050	50	2780	5000	500	5425	2010	600	1810	1760	1000	315
NSFA065	65	3160	6500	650	6850	2010	600	1810	1760	1000	315
NSFA080	80	4445	8000	800	5744	2820	600	2500	2450	1000	315
NSFA100	100	5560	10000	1000	6200	2820	600	2500	2450	1000	400
NSFA125	125	6945	12500	1250	7365	2820	600	2500	2450	1000	450
NSFA150	150	8335	15000	1500	8675	2820	600	2500	2450	1000	525
NSFA175	175	9725	17500	1750	9975	2820	600	2500	2450	1000	525
NSFA200	200	11110	20000	2000	11,280	2820	600	2500	2450	1000	600

\*Some units have more than one access shaft - diameter of largest shown.

# BYPASS SEPARATORS

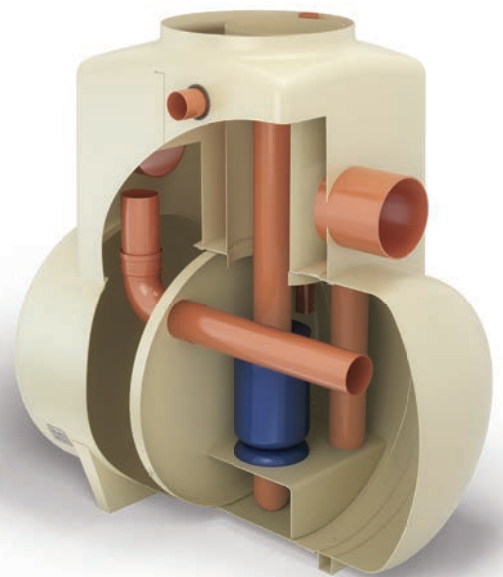
## NSB RANGE

Bypass separators are used when it is considered an acceptable risk to not provide full treatment for very high flows, i.e. where the risk of a large spillage and heavy rainfall occurring at the same time is small:

- Surface car parks.
- Roadways.
- Lightly contaminated commercial areas.

### PERFORMANCE AND COMPLIANCE

- Fully compliant and tested to EN 858-1.
- Bypass separators are tested by British standards institute (BSI). Certified flow and process performance assessing affluent qualities to the requirements of EN 858-1.
- The unit is designed to treat the 'first flush' - 10% of peak flow. The calculated drainage areas served by each separator are indicated according to the formula given by PPG3 NSB = 0.0018A(m<sup>2</sup>).
- Class I separators are designed to achieve a concentration of less than 5mg per litre.



### TECHNICAL SPECIFICATIONS

Separator Model	Flow (l/s)	Peak Flow Rate (l/s)	Drainage Area (M2) Based on UK rainwater flow	Storage Capacity (Ltrs)		Length (mm)	Diameter (mm)	Access Shaft Diameter (mm)	Base Inlet Invert (mm)	Base to Outlet Invert (mm)	Standard Fall Across (mm)	Min Inlet Invert (mm)	Standard Pipework Diameter (mm)**
				Silt	Oil								
POLYETHYLENE CHAMBER CONSTRUCTION													
NSBP003	3	30	1670	300	45	1700	1350	600	1420	1320	100	500	160
NSBP004	4.5	45	2500	450	60	1700	1350	600	1420	1320	100	500	160
NSBP006	6	60	3335	600	90	1700	1350	600	1420	1320	100	500	160
GRP CHAMBER CONSTRUCTION													
NSBE010	10	100	5560	1000	150	2069	1220	750	1450	1350	100	700	315
NSBE015	15	150	8335	1500	225	2947	1220	750	1450	1350	100	700	315
NSBE020	20	200	11111	2000	300	3893	1220	750	1450	1350	100	700	375
NSBE025	25	250	13890	2500	375	3575	1420	750	1680	1580	100	700	375
NSBE030	30	300	16670	3000	450	4265	1420	750	1680	1580	100	700	450
NSBE040	40	400	22222	4000	600	3230	1920	600	2185	2035	150	1000	500
NSBE050	50	500	27778	5000	750	3960	1920	600	2185	2035	150	1000	600
NSBE075	75	750	41667	7500	1125	5841	1920	600	2235	2035	200	950	675
NSBE100	100	1000	55556	10000	1500	7661	1920	600	2235	2035	200	950	750
NSBE125	125	1250	69444	12500	1875	9548	1920	600	2235	2035	200	950	750

\* Some units have more than one access shaft - diameter of largest shown.

\*\* Larger pipework available on request.



# FORECOURT SEPARATORS

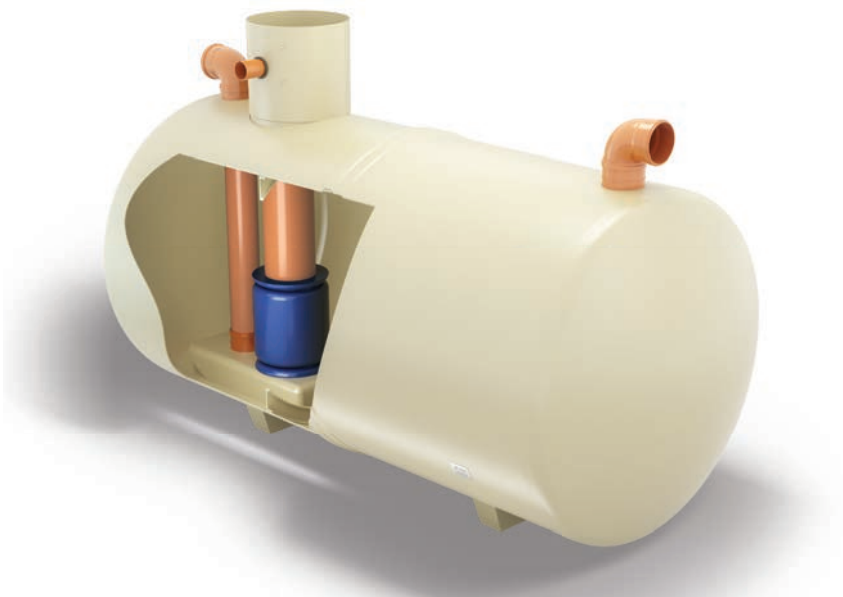
Forecourt separators are used to intercept hydrocarbon pollutants such as petroleum and oil to prevent their entry to the drainage system. Typical applications include petrol filling station forecourts and car breaker yards.

## PERFORMANCE AND COMPLIANCE

- › Operation ensures that the flow cannot exit the unit without first passing through the coalescer assembly.
- › In normal operation, the forecourt separator has sufficient capacity to provide storage for separated pollutants within the main chamber, but is also able to contain up to 7,600 litres of pollutant arising from the spillage of a fuel delivery tanker compartment on the petrol forecourt.
- › The separator has been designed with an automatic closure device to ensure that oil cannot exit the separator in the event of a major spillage, subsequently the separator should be emptied immediately.

## INSTALLATION

- › The unit should be installed on a suitable concrete base slab and surrounded with concrete or pea gravel backfill.
- › If the separator is to be installed within a trafficked area, then a suitable cover slab must be designed to ensure that loads are not transmitted to the unit.
- › The separator should be installed and vented in accordance with Health and Safety Guidance Note HS(G)41 for filling stations.
- › Subject to Local Authority requirements.



## TECHNICAL SPECIFICATIONS

Separator Class	Backfill Type	Total Capacity (Ltrs)	Drainage Area (m2)	Peak Flow Rate (l/s)	Length (mm)	Diameter (mm)	Access Shaft Diameter (mm)	Base Inlet Invert (mm)	Base to Outlet Invert (mm)	Standard Fall Across (mm)	Min Inlet Invert (mm)	Standard Pipework Diameter (mm)	Empty Weight (kg)
I	Concrete	10000	720	15	3915	2020	600	2180	2130	50	600	160	620

# FUEL & OIL SEPARATOR ALARMS

British European Standard EN 858-1 and Environment Agency Pollution Prevention Guideline PPG3 requires that all separators are to be fitted with an oil level alarm system and that it should be installed and calibrated by a suitably qualified technician so that it will respond to an alarm condition when the separator requires emptying.

- › Easily fitted to existing tanks.
- › Excellent operational range.
- › Visual and audible alarm.
- › Additional telemetry option.



Our expert Kingspan Klargester team can provide advice on the correct type of alarm for your separator system. We can also advise on local installers who will provide professional installation of your alarm to ensure optimal system performance.

Contact us today for more information on [klargesterme@kingspan.com](mailto:klargesterme@kingspan.com) or visit our website at [www.kingspanklargester.com/me](http://www.kingspanklargester.com/me)

[www.kingspanklargester.com/me](http://www.kingspanklargester.com/me)





# GREASE SEPARATORS

Kingspan Klargester grease separators are an effective and hygienic method of separating fat and grease from wastewater flow. Grease separators are designed for restaurants, hotels, public houses, canteens, etc.

Grease 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.

# TECHNICAL SPECIFICATIONS



# FEATURES

- » Greatly reduces drain blockages, for maximum operational efficiency.
- » Helps improve performance of septic tanks and field drains and achieve best results.
- » Prevents contamination of small sewage treatment plants, reducing risk of breakdown.
- » Designed in accordance with BS EN 1825-1.
- » Protects mains drainage system from grease blockages.

Separator Model	Dimensions (mm)		Shipping Height (mm)	Capacity (L)	Approx Weight (kg)		Fall Across The Unit (mm)
	Length	Width			Empty	Full	
NSG01	1320	750	1100	500	70	570	75
NSG02	1620	1100	1175	1000	90	1090	75
	Length	Width					
NSG04	2072	1224	1570	2000	120	1860	70
NSG06	3018	1224	1570	3000	160	2820	70
NSG09	3895	1224	1570	4000	190	3760	70
NSG18	3231	1917	2120	8000	300	7162	70
NSG24	4386	1917	2120	11000	380	9885	70

# PUMPING STATIONS

Kingspan Klargester offer complete wastewater and surface water pumping solutions. From basements to caravans, extensions to courtyards. If your commercial or domestic property isn't connected to the sewer, or if it's below the sewer line, our pump systems will take care of all your water, sewage and effluent.

## FULLY INTEGRATED

Kingspan Klargester offer trusted, fully integrated pumping stations solutions for a range of on and off-mains, commercial and domestic applications.



Contact the expert Kingspan Klargester team who will provide technical assistance in selecting the appropriate pumping station for your application. Email [klargesterme@kingspan.com](mailto:klargesterme@kingspan.com) or visit [kingspanklargester.com/me](https://www.kingspanklargester.com/me)

[www.kingspanklargester.com/me](https://www.kingspanklargester.com/me)

EXPERTISE,  
**RELIABILITY**  
& TRUST



Our range of pumping solutions are made with the highest-quality materials and fittings and all are manufactured under the quality procedures of BS ISO 9001:2000 and HS ISO 18001. And, importantly, they comply with Building Regulations Document H1 Foul Drainage and British Standards BS EN752, including options for 24-hour waste storage.

Kingspan Klargester offer expert advice at every stage of your project. Our in-house technical team offers free advice on design, installation and commissioning of your pumping system.

## APPLICATIONS FOR DOMESTIC PUMPING STATIONS RANGE:

- › Domestic properties.
- › Small commercial offices.
- › Remote classrooms.
- › Roof and surface water.

## APPLICATIONS FOR COMMERCIAL PUMPING STATIONS RANGE:

- › Housing developments.
- › Large commercial developments.
- › Industrial developments.
- › Caravan/camping sites.
- › Schools.
- › Hotels and restaurants.
- › Nursing homes.
- › Surface water run-off.
- › Attenuated water.



**Vertical pumping stations**



**Horizontal pumping stations**



## OTHER WASTEWATER TREATMENT SOLUTIONS FROM KINGSPAN KLARGESTER

Kingspan Klargester offer a full range of commercial, domestic and industrial wastewater treatment solutions. To find out more information on any of our products featured, email [klargesteme@kingspan.com](mailto:klargesteme@kingspan.com) or visit our website at [kingspanklargester.com/me](http://kingspanklargester.com/me)



**DOMESTIC SEWAGE  
TREATMENT PLANTS**



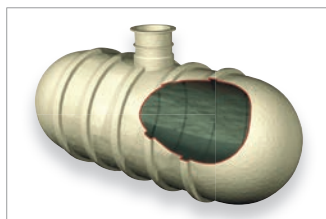
**WASHDOWN & SILT  
SEPARATORS**



**DOMESTIC & DOMESTIC+  
PUMPING STATIONS**



**SEPTIC TANKS**



**BELOW GROUND WATER  
STORAGE TANK & CESSPOOLS**



**RAINWATER HARVESTING**







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