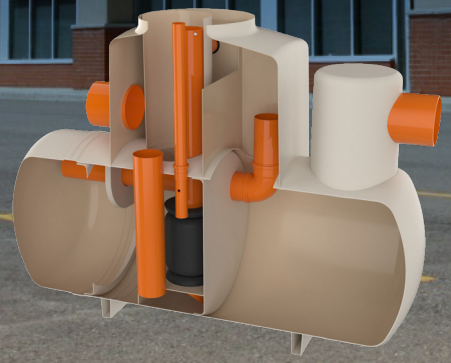
Water Management Solutions

Klargester

AquaTreat Bypass GRP Surface Water Treatment Separators

5 YR WARRANTY PERIOD**



Mitigation Indices

TSS	0.8
Metals	0.6
Hydrocarbons	0.9*

*Test results to BS EN858

Why choose an AquaTreat separator?

- Larger sludge storage capacities (compared to vortex separators)
- Our separator achieves low to medium risk indices, but can achieve high risk indices if installed in a train
- Lesser risk of downstream pollution in SuDS drainage solution due to high capacity sludge storage
- Vent points with necks
- Easier servicing with maintenance from ground level
- SmartServ Pro remote monitoring solution (available as optional extra)

	Tested at PIA Aachen				BS EN 858	
Application Risk (SuDS Manual Indice)	Total Suspended Solids (TSS)		Metals		Hydrocarbons	
	Mitigation Indice	AquaTreat % Removal	Mitigation Indice	AquaTreat % Removal	Mitigation Indice	AquaTreat % Removal
Low Risk	0.8 (80%)	0.801 (80.1%)	0.6 (60%)	0.6008 (60.08%)	0.9 (90%)	0.9997 (99.97%)

As part of our Planet Passionate programme, Kingspan are dedicated to delivering innovative surface water management technologies, developed on the back of 70 years' experience.

**Terms and conditions apply. View online at https://waterandsafestorage.kingspan.com/gb/service-maintenance/warranty-registration

KNECT PRO
POWERED BY
SMART MONITORING

With Klargester, your AquaTreat Bypass Separator is monitored, serviced and cared for by the experts who know it best, giving you total peace of mind.

Klargester AquaTreat Bypass GRP Surface Water Treatment Separators

Technical Specifications

26.2 Pollution hazard indices for different land use classifications				
Land Use	Pollution Hazard Level	Total suspended solids (TSS)	Metals	Hydrocarbons
Residential roofs	Very low	0.2	0.2	0.05
Other roofs (typically commercial/industrial roofs)	Low	0.3	0.2 (up to 0.8 where there is potential for metals to leach from the roof)	0.05
Individual property driveways, residential car parks, low traffic roads (eg cul de sacs, homezones and general access roads) and non-residential car parking with infrequent change (eg schools, offices) ie <300 traffic movements/day	Low	0.5	0.4	0.4
Commercial yard and delivery areas, non-residential car parking with frequent change (eg hospitals, retail), all roads and trunk roads/ motorways(1)	Medium	0.7	0.6	0.7
Sites with heavy pollution (eg haulage yards, lorry parks, highly frequented lorry approaches to industrial estates, waste sites), sites where chemicals and fuels (other than domestic fuel oil) are to be delivered, handled, stored, used or manufactured; industrial sites; trunk roads and motorways(1)	High	0.8 (2)	0.8 (2)	0.9 (2)

Model	Treated Flow Rate [l/s]	Connectable Surface Area [m²]	NSB Flow Rate EN858-1	EN858-1 Connectable surface [m²]	Dimensions		Based on BS EN 858	
					Length [mm]	Diameter [mm]	Silt Storage Capacity [L]	Oil Storage Capacity [L]
SWB002	10	1,333	10	5,556	2072	1220	1000	150
SWB003	15	2,000	15	8,333	2950	1220	1500	225
SWB004	20	2,641	20	11,111	3896	1220	2000	300
SWB005	21	2,822	25	13,889	3576	1420	2500	375
SWB006	25	3,366	30	16,667	4266	1420	3000	450
SWB007	26	3,446	40	22,222	3230	1920	4000	600
SWB008	32	4,225	50	27,778	3960	1920	5000	750
SWB009	47	6,232	75	41,667	5841	1920	7500	1125
SWB010	61	8,174	100	55,556	7661	1920	10000	1500
SWB011	76	10,187	125	69,444	9548	1920	12500	1875

For more information on any of our products: **T:** +44 (0)1296 633 033
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