

Water Management Solutions

**Klargester**

# AquaTreat Surface Water Treatment Separator Range

## Mitigation Indices

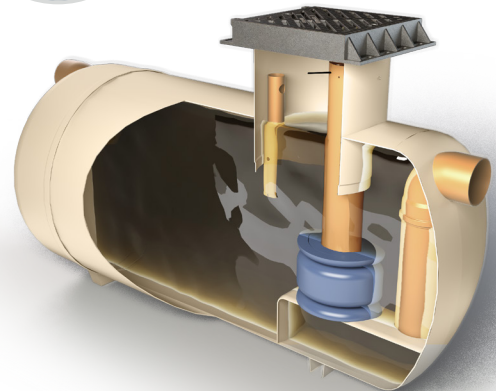
TSS	Metals	Hydrocarbons
0.85	0.64**	0.99



1,000 – 30,840m<sup>2</sup>  
Available to cover  
flow rates up to  
285 litres  
per second

## Why choose an AquaTreat separator?

- Larger silt storage capacities (compared to vortex separators)
- Meets excellent SuDS indices ratings (compared to vortex separators)
- Our indices cater for high polluted lands (single piece solution)
- Reduced risk of silt build up
- Lesser risk of downstream pollution in SuDS solution due to high capacity silt storage
- Our range is tested against full flow\*\*
- Easier servicing, with maintenance from ground level
- SmartServ Pro remote monitoring solution (available as optional extra)



### \*\* Our range has been tested against full flow - why is this important?

Our units have been tested at their maximum flow rate (10l/s), unlike some products which have been tested based on bypass and therefore only 10% of the flow. This ensures total accuracy of our silt retention results, by replicating the full effect of the silt wash through.

As part of our Planet Passionate programme, Kingspan are dedicated to delivering innovative surface water management technologies, developed on the back of 65 years' experience.

\*Terms and conditions apply. View online at <https://www.kingspan.com/gb/en-gb/products/wastewater-management/warranty-terms>

  
**Kingspan**

  
**PLANET  
PASSIONATE**

# Klargester AquaTreat

## Surface Water Treatment Separator Range

### Technical Specifications

Model	Treatment device capacity [l]	Treatment flow rate [l/s]	Connectable surface [m <sup>2</sup> ]	Particulate storage capacity [l]	Hydrocarbons storage capacity [l]
SWT010	2450	10	1000	1000	100
SWT015	3600	15	1470	1500	150
SWT020	7300	20	2000	2000	200
SWT030	9150	30	3735	3000	300
SWT040	11000	40	4500	4000	400
SWT050	13400	50	5470	5000	500
SWT065	17250	65	7040	6500	650
SWT080	24800	80	10125	8000	800
SWT100	27100	100	11065	10000	1000
SWT125	32950	125	13450	12500	1250
SWT150	40650	150	16600	15000	1500
SWT175	47380	175	19340	17500	1750
SWT200	52650	200	21500	20000	2000
SWT210	56200	210	14105	21000	2100
SWT225	60100	225	15013	22500	2250
SWT240	63950	240	15909	24000	2400
SWT255	67850	255	16817	25500	2550
SWT270	71700	270	17724	27000	2700
SWT285	75550	285	18620	28500	2850

DIBt at 10l/s	
Hydrocarbon retention	99.7%
Particulate retention efficiency	85.5%
Zinc retention efficiency**	64%
Copper retention efficiency**	64%

\*\* Reduction of heavy metals by collecting and retaining suspended solids is assumed as 75%.

British Water CoP testing results available on request.

For more information on any of our products: **T: +44 (0)1296 633 209**  
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