

# AQUATOR

## CLASS 1 OIL WATER SEPARATOR

### DESCRIPTION

The Dual Chamber AQUATOR Class 1 Commercial Oil Water Separators are available in many sizes and feature two chambers within one tank. This enables hydrocarbon & silt capture and storage in the first chamber. Any remaining hydrocarbons are filtered out by the coalescing filter in the second chamber. The coalescing process in the second chamber allows for the separation of smaller globular light liquid pollutants to reduce the light liquid content in the outlet to less than 5 mg/L (5 PPM). All collected liquid is treated and no bypassing is possible.

In the event of a significant fuel/oil/hydrocarbon spill or filling of the oil containment area over time, the emergency stop valve will automatically activate to prevent the pollutants from discharging to the drain or waterways. The Aquator is gravity operated, therefore, it will continue to operate at full effectiveness even in the event of a power failure.

### USES

The Aquator range are suitable for a wide range of applications, including:

- Service stations
- Re-fuelling areas
- Power stations
- Substations and switchyards
- Mining and heavy vehicle maintenance
- Windfarms
- Waste transfer depots
- Asphalt plants

### ADVANTAGES

- **HIGH STRENGTH**  
All Aquators incorporate integral ribs for maximum strength and undergo stringent testing during manufacture and before they leave the factory
- **DURABILITY**  
All Aquators are constructed of virgin resin and glass fibre reinforcement providing long term protection and life in underground applications
- **MEETS INDUSTRY STANDARDS**  
Aquators are manufactured to meet or exceed the requirements of BS EN 858-1 2002 and are independently tested to ensure they continue to meet this standard
- **INDEPENDENTLY TESTED**  
The Aquator has been independently tested by both the University of Adelaide and University of Newcastle which verifies its compliance with BS EN858-1 2002

## DIMENSIONS AND CAPACITIES

Total tank capacities are available to suit your individual requirements. The Aquator can process flow rates up to 50 L per second with hydrocarbon spill capture volumes from 1,500 litres to 75,000 litres per unit. Standard size tanks are summarised below:

MODEL	NOMINAL CAPACITY	MAXIMUM FLOW RATE	SPILL CAPTURE CAPACITY	SILT CAPTURE CAPACITY	LENGTH OVERALL 'A' (MM)	EXTERNAL DIAMETER 'B' (MM)	SHIPPING WEIGHT (KG)	NUMBER OF STRAPS
T3.5	4,100	6	1500	400	2710	1470	500	2
T20	20,800	50	10,000	5000	6970	2140	1600	4

Custom manufactured tanks can be supplied upon request.

### Aquator Tanks are supplied as standard with:

- Single Wall FRP Tank with Lifting Lugs
- PVC Inlet & Outlet Pipes, Oil Stop Valve and Coalescer Filter
- T3.5 and T8 models - Alarm Control Panel and Oil Alarm Probe
- T20 models - Alarm Control Panel with Oil / Silt / Water Alarm Probes
- Manholes, Collars, Risers and Riser Lids and Class D Trafficable Driveway Covers
- Hold Down Straps, Concrete Anchors and Hold Down Hardware for bottom anchoring

### Options and accessories available on request include:

- Double Wall FRP Tank with monitoring well
- FRP Inlet and Outlet Flanges to AS4087 Figure B7
- FRP internal pipework
- Water Tight Riser Cover
- Class B Non-Trafficable Driveway Covers (T3.5 and T8 only)
- Delete Hold Down Straps, Concrete Anchors and Hold Down Hardware for bottom anchoring

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