

Industrial Water Treatment and Recycling Specialists

Oil Water Separators Product Range



Cleanawater provide the largest range of oil water separator systems encompassing various treatment systems suitable for industrial and commercial applications ranging from small workshop applications to large scale oily water treatment plants.



**Coalescing
Separators (CPS)**



**Vertical Gravity
Separators (VGS)**



**Hydrocyclone Oil
Separators**



**Induced Cyclonic
Separators**

We will get you authority compliant

Cleanawater's range of oil water separator packages are authority compliant to meet strict discharge standards or act as primary treatment to enable water recycling. Hydrocarbon treatment systems to discharge to 5mg/L of hydrocarbons are available to enable sewerage, stormwater or environmental discharge.

Which oil separator is best for me?

Flow rates, industry application, oil concentrations, performance requirements and space are to be considered when selecting the best oil water separator for your requirements. Contact us today to discuss the oil water separator to best suit your requirements.

Applications that commonly use oil water separators

- ◆ Wash Down Bays
- ◆ Small to Large Industrial & Mechanical Workshops
- ◆ Mining Workshops
- ◆ Mining LV/HV Wash Down Bays
- ◆ Refuelling Areas
- ◆ Construction Sites
- ◆ Transformer Bunds
- ◆ Commercial Car Washes
- ◆ Vehicle & Equipment Wash Down Bays
- ◆ Truck & Heavy Vehicle Bays
- ◆ Service Stations
- ◆ AQIS Wash Down Facilities
- ◆ Hire Equipment Branches
- ◆ Food and Beverage Plants

Vertical Gravity Separators

The DV series vertical gravity separator (VGS) operates by ingenious control of both fluid velocity and pressure. These forces gently coax non-emulsified impurities from water by allowing high density contaminants to fall into a sludge retaining area at the bottom of the vessel, and oil droplets and low density suspended solids to rise to the top of the vessel. The oil then drains off into a waste tank.

Features of VGS Oil Separators

- Complete Packages including Non Emulsifying Pumps, Float Switches and Controllers
- Range from 700 to 3,000 litres per hour
- Small diameter for small footprint applications
- Adaptable to handle hot oils and grease in hospitality applications
- Constructed in high quality stainless steel
- Automated operation with no consumables required

Benefits of VGS Oil Separators

- Adheres to discharge standards for oil and grease removal
- Range includes systems to suit all budgets
- Easy and quick to install
- Minimal maintenance required
- Compact systems ideal for outdoor installations



Cleanawater DV Series Range



Cleanawater DV1500 VGS

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Small to Large Industrial and Mechanical Workshops

Mining Workshops

Mining LV/HV Wash Down Bays

Refuelling Areas

Construction Sites

Transformer Bunds

Commercial Car Washes

Vehicle and Equipment Wash Down Bays

Truck and Heavy Vehicle Bays

Service Stations

AQIS Wash Down Facilities

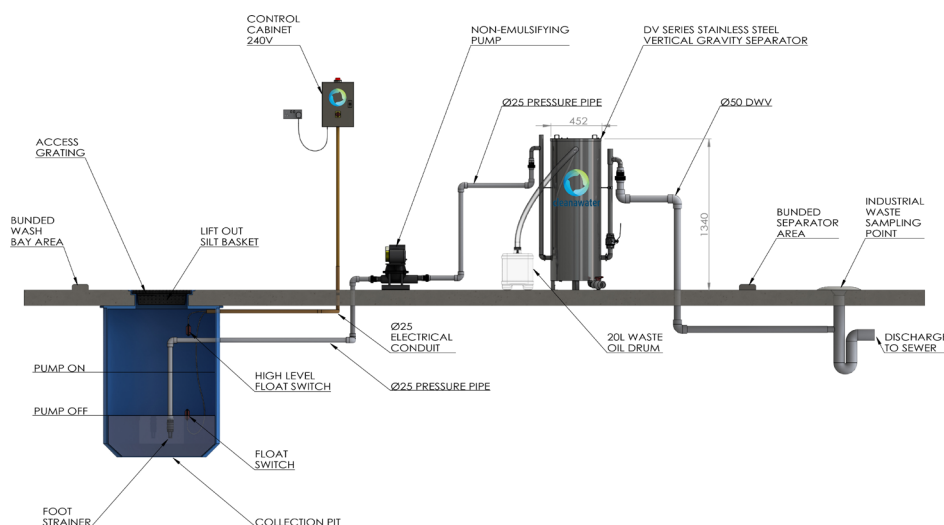
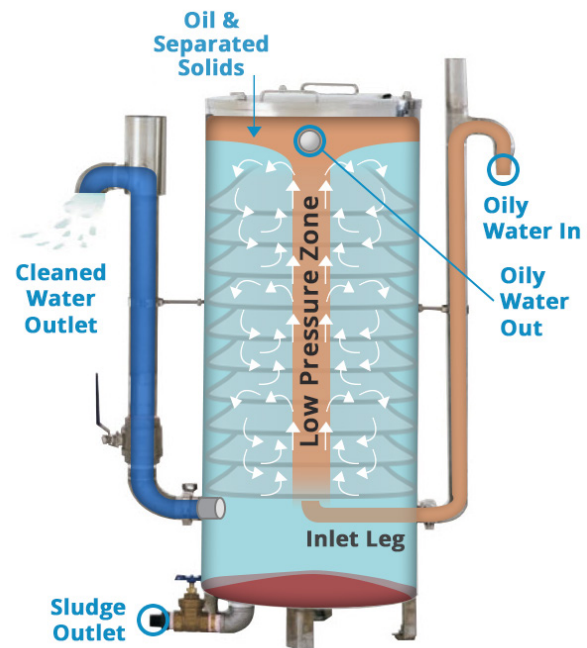
Hire Equipment Branches

Food and Beverage Plants

Vertical Gravity Separators

How do they work?

Due to superior cone plate surface area the VGS removes suspended solids, free oils and grease from waste water effectively.



Typical Layout Detail

Systems generally are setup to pump oily water from a sump or tank for treatment and discharged to sewer, leach drains, evaporative ponds or holding tanks. Contact Cleanawater to discuss your application.

Vertical Gravity Separators



DV 700



DV 1500



DV 3000

MODEL	DIMENSIONS	NOMINAL FLOW RATE (L/hr)	MAX FLOW RATE (L/hr)	OIL SEPARATOR CONSTRUCTION
DV 700	355MM DIAMETER X 918MM H	700	1000	Stainless Steel
DV 1500	452MM DIAMETER X 1377MM H	1500	1500	Stainless Steel
DV 3000 NG	632MM DIAMETER X 1227MM H	3000	3000	Stainless Steel

Vertical Gravity Separators

Standard Inclusions List

ITEM	STANDARD	OPTIONAL
Cleanawater Oil Water Separator	✓	
Non Emulsifying Pump	✓	
Float Switch	✓	
Control Panel 240V	✓	
Galvanized Support Frame	✓	
20 Litre Waste Oil Drum	✓	
Floating Skimmer & Suction Hose		✓
Packaged Pumping Station		✓
Below Ground Collection Pit and Cover		✓
Silt Pit		✓
EXD or EXE Rated pumps for hazardous areas		✓
Custom Height Support Frame		✓
415v Control Panel		✓
Remote Monitoring Panel		✓
Air Operated Pump		✓
Air Operated Float Switch		✓
1000 L IBC waste oil container		✓
Hydrocarbon Sensors		✓
pH Correction Systems		✓