



# VGS OILY WATER SEPARATOR

THE SOLUTION YOU HAVE BEEN WAITING FOR!

**THE VGS (VERTICAL GRAVITY SEPARATOR)** has been developed to effectively remove free oil, grease and suspended solids from wastewater plus greatly reduce the frequency and difficulty of maintenance compared to conventional plate separators.

## WHICH WOULD YOU PREFER?



### THIS...

Conventional oily water separators are messy, dirty things when it comes to cleaning. Someone first has to remove the plates and then use a high pressure hose to clean them. What a mess... grease and oil everywhere.

### OR THIS...

The VGS Oily Water Separator does the job better. **No lifting the plates out - no reblocking your system - no getting covered in oil and grease.** Simply turn a valve and within 5 minutes you are back in business!

**FREE STANDING  
MODEL  
FLOW RATES  
1000L/hr  
1500L/hr**

## THERE IS A DIFFERENCE!

- ▶ Continuously meets the performance standards.
- ▶ Is able to handle high concentrations of oil.
- ▶ Effectively removes the suspended solids.
- ▶ Reduces vapour content to acceptable levels.
- ▶ Requires less floor space.

# VGS

### ACT NOW!

Contact Aglass for further information or visit our website:

[www.aglass.com.au](http://www.aglass.com.au)

# VGS OILY WATER SEPARATOR



## HOW DOES IT WORK?

The VGS is a flooded system in which the inlet and outlet columns form a U-tube configuration such that the oil is trapped on one side of the main body, while the cleaned water flows out of the other side.

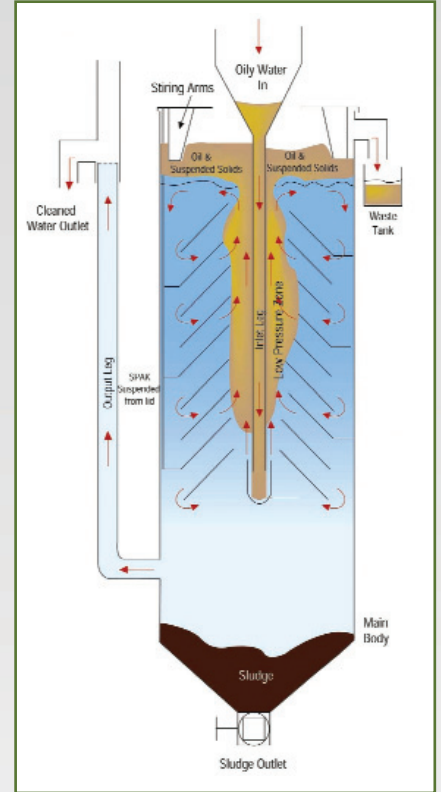
The main body contains a continuous truncated conical spiral pack (SPAK) which is made of olephilic material. Oily water is delivered into the bottom of the main body where it flows upwards through the centre of the SPAK assembly.

At the top of the main body, free oil and low density suspended solids are held, which eventually flow out for collection and suitable disposal.

The partially cleaned water is directed to the outside perimeter of the conical SPAK and follows a tortuous pattern while cascading down and around the SPAK.

Here the lower density fluid (oil) is drawn up the incline of the olephilic surface of the SPAK and back into the low pressure centre of the VGS, where it commingles with the incoming fluid and is redirected to the top of the main body.

A continuous convection is created within the SPAK by the density and pressure variation down the fluid column and the upward flow of the cleaned water will enter the output leg of the separator and will flow up and out of the system, whilst the heavy solids will drop to the base of the vessel.

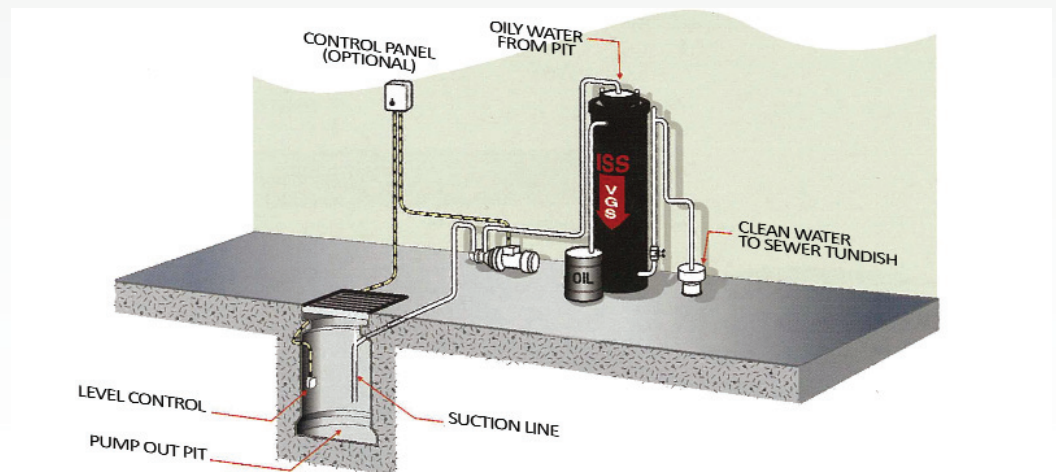


**STAND MOUNTED  
 MODEL  
 FLOW RATES**  
 1000L/hr  
 1500L/hr  
 2000L/hr  
 2500L/hr  
 3000L/hr

## APPLICATION

- ▶ Panel Beaters
- ▶ Car Detailers
- ▶ Mechanical Workshops
- ▶ Service Stations
- ▶ Loading Bays
- ▶ Auto Dismantlers
- ▶ Equipment Hire Companies
- ▶ Radiator Repairs
- ▶ Commercial Car Washes
- ▶ Engine Reconditioners

## TYPICAL APPLICATION



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