



The Global Water Oil Muncher coalescing plate oil separators are enhanced gravity separators capable of removing oils and solids from trade waste and washdown utilising the difference in specific gravity between two or three immiscible components of the liquid stream for enhanced gravimetric separation.



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### Applications

- washdown bays
- car and truck wash
- workshop and maintenance areas

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### Features

- light and compact design and construction
- chemical resistant polyethylene
- non-emulsifying pump

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### Options

- wall mount brackets (for 1000 L unit only)
- EX-rated (flameproof) pump for internal or low ventilated areas
- pump controller and holding tank high-level alarm

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### Coalescing plates – how they work

Oily water influent is introduced into an inlet chamber by means of a pump. Heavy solids settle out and 100% oil slugs rise immediately to the surface. The remaining oily water mixture flow through a stack of closely spaced, corrugated polypropylene plates. Both the smaller oil droplet and the fine solids are progressively separated. Downstream a baffle of oil dam prevents the collected oil from entering the outlet weir.

Drains are provided in the sludge hopper for the removal of solids. Oil skimmers are provided for the manual or automatic removal of oil. Regular cleaning of the plate packs with hot water is the only maintenance required under normal operating conditions.

# Oil Muncher

## GCPS Oil Separators

### Frame construction

Model	GCPS-1000	GCPS-1500	GCPS-2000	GCPS-3000
Flow rate (L/h)	1000	1500	2000	3000
Dimensions W x D x H (mm)	1410 x 420 x 1510	1500 x 750 x 1510	1100 x 1100 x 1450	1100 x 1100 x 1450
Volume (L)	200	300	480	480
Weight (kg ex. pump) – free standing – wall standing	45 28	60 -	70 -	80 -
Aleophilic vertical plate packs	2	2	4	6
Diaphragm pump model no.	GDS 25-100	GDS 25-150	GDS 32-200	GDS 38-300
Weight (kg)	38	38	42	50
Power	0.37 kW, 2.8 A, 240 V, 1440 RPM	0.37 kW, 2.8 A, 240 V, 1440 RPM	0.37 kW, 2.8 A, 240 V, 1440 RPM	0.75 kW, 4.75 A, 240 V, 1440 RPM
Inlet pipe	32 mm pressure UPVC CAT V17 socket			
Outlet pipes – water/oil	50 mm DWV UPVC V66 socket			
Sludge hopper	50 mm UPVC 50 mm PVC ball valve			
Tank	5 mm chemical resistant UV stabilised PE			
Lid	5 mm chemical resistant UV stabilised PE 4 x quick-release quarter-turn fasteners			

### Specification drawing

Drawing is a typical layout and is not to be used instead of the relevant standard or code. Please refer to the Australian Plumbing Code for installation in your geographical location.



