Coalescing Plate Oily Water Separators

Coalescing plate separation to under 15 ppm free oil content

Allied Pumps Coalescing Plate Oily Water Separators combine a high efficiency coalescing plate pack with positive displacement diaphragm pumps and automatic controls. The patented plate construction removes oil droplets to 20 microns, reducing effluent free oil content to less than 15 ppm across a wide range of influent conditions.

Each separator is configured to suit the duty. The chamber is supplied in moulded polyethylene, fibreglass or stainless steel to suit the effluent and the installation, and pumps are matched to separator size to minimise emulsion of oil and water.

KEY FEATURES

- Patented Coalescing Plate Pack
- Removes Oil Droplets to 20 Microns
- Effluent Free Oil Content Below 15 ppm
- Positive Displacement Diaphragm Pumps Matched to Separator Size
- Safe Low Voltage 12 V Control
- Downstream Baffle or Oil Dam Prevents Oil Carryover
- Minimal Installation Cost
- Maintenance Can Be Carried Out In House

PRODUCT APPLICATIONS

- Workshop Wash Down Facilities
- Commercial Car Washes
- Service Stations
- Transport Depots
- Industrial Waste Treatment

PRODUCT SPECIFICATION

Model No.	Nominal Flow (L/h)	Height (mm)	Width (mm)	Depth (mm)	Pump Model	Voltage (V)	Motor (kW)	Solids (mm)
KCPS 15 FS	1,500	1,520	1,450	550	KDS 25	240	0.37	15
KCPS 15 FS EXE	1,500	1,520	1,450	550	KDT 25	415	0.37	15
KCPS 30/15 FS	1,500	1,520	1,700	870	KDS 25	240	0.37	15
KCPS 30 FS	3,000	1,520	1,700	870	KDS 32	240	0.37	20
KCPS 60 FS	6,000	1,550	2,160	840	KDS 38	240	0.75	25
KCPS 75 FS	7,500	1,850	2,160	840	KDS 50	240	1.10	40
KCPS 150 FS	15,000	1,950	2,905	1,190	KDS 76	240	1.50	50

PRODUCT SPECIFICATION (CONTROLLER)

Controller Model	Voltage (V)	Height (mm)	Width (mm)	Depth (mm)	Floats
KLC 1	240	200	200	150	2
KLC 2, EXE Rated	415	300	200	150	2





Stainless steel separator on a galvanised stand, with inlet pipework, diaphragm pump and waste oil containers. The controller is shown enlarged, mounted on the chamber wall