

OILY WATER TREATMENT

CRP-SEP Series Oily Water Separators

CRP-SEP Series Oily Water Separators are a progressive single-stage, horizontal separator designed to efficiently remove nonsoluble oils, solids and entrained air from PRODUCED WATER and SLOP WATER with capacities up to 100 m3/h (440 GPM). CRP-SEP delivers effluent with less than 15 ppm of oil. When environmental regulations require less than 5 ppm discharge, SPIR-O-LATOR® Membranes can be added as a second phase to guarantee less than 5 ppm of oil.



Benefits:

- Rugged construction provides years of service
- Single heavy duty horizontal process vessel
- NEMA 4X ratings for installation in hazardous areas
- Integral low shear positive displacement feed pump
- Continuous discharge with less than 15ppm oil content
- Optional Fluoroescence Oil Content Monitors
- Integrated Control and Safety System

Meets requirements of all major offshore authorities:

- Institute Brazil Medio Ambiente (IBAMA)/ CONAMA
- International Commission for Offshore
- HELCOM 1974
- PARCOM 1988 & OSPAR Convention 1992
- United Nations Environmental Program (UNEP)
- Barcelona Convention 1976
- Black Sea Convention
- KUWAIT Convention 1979
- United States 40CFR 435 CLEAN WATER ACT

Options

- Fluoroescence Oil in Water Monitor
- SPIR-O-LATOR Membrane 5PPM Polisher
- Zone 1 Hazardous Area Installation
- Dual Feed Pump / Motor Assemblies









BILGE WATER SEPARATORS

CRP-SEP Series

Model No.	Throughput	Length*	Width*	Height*	Weight*/Dry	Weight*/Wet
	m³/h(gpm)	mm (in)	mm (in)	mm (in)	kg (lbs)	kg (lbs)
27025	25 (110)	6150 (242)	2060 (81)	2390 (94)	3318 (7300)	18,159 (39,950)
27030	30 (132)	6150 (242)	2060 (81)	2390 (94)	3318 (7300)	18,159 (39,950)
27050	50 (220)	7980 (314)	2060 (81)	2390 (94)	3709 (8160)	22,986 (50,570)
27060	60 (265)	8580 (338)	2060 (81)	2390 (94)	3891 (8560)	24,588 (54,094)
27075	75 (330)	10,415 (410)	2110 (83)	2390 (94)	5528 (12,150)	30,205 (66,450)
27100	100 (440)	11,125 (438)	2425 (96)	2665 (105)	5530 (12,160)	34,710 (76,360)

^{[*} Approximate dimensions. Actual may vary.]

CRP-SEP Series HIGH OPERATING TEMPERATURE SWITCH TSH-5610-01 SET @ 60° C [140° F] ADDITIONAL SAFETY PRESSURE RELIEF VALVE PSV-5610-04 SET @ 200 kPa [30 PSI] CLEAN-OUT ACCESS GAUGE PANEL LIFTING EYE (3 PLACES) INLET CHECK VALVE Har-ELECTRICAL CONDUIT HIGH OPERATING -PRESSURE SWITCH PSH-5610-02 SET @ 175 kPa [25 PSI] ELECTRICAL OUTPUTS TO REMOTE FEED PUMPS PANEL AND SPIR-O-LATOR PANEL MOUNTING FOOT (4 PLACES) 360 [14] AIR REGULATOR SET @ 550 kPa [80 PSI] 705 [28"] POWER SUPPLY INPUT 220VAC / 60HZ / 1 PH, 0.5 KW SEPARATOR VESSEL PRESSURE SWITCH PSL-5610-03 SET @ 50 kPa [7 PSI] LOW AIR PRESSURE SWITCH PSL-5610-01 SET @ 400 kPa [60 PSI] FRONT VIEW AIR SUPPLY INLET 1"-150# R.F. FLANGE

SPIR-O-LATOR PROCESSED WATER OUTLET 50-10bar [2"-150#] R.F. FLANGE RECIRCULATION OUTLET 50-10bar [2"-150#] R.F. FLANGE SPIR-O-LATOR SUPPLY 50-10bar [2"-150#] R.F. FLANGE SPIR-O-LATOR SUPPLY RECIRCULATION OUTLET PROCESSED WATER 1155 [45] <u>8</u> 3 — 15 [3] ABOVÉ FOUR INTERFACES FALL WITHIN THIS 15 [1/2"] 865 [34"] AIR SUPPLY INLET 25-10bar [1"-150#] R.F. FLANGE 880 [34] RIGHT SIDE VIEW