

BOSS Oily Water Separators

CERTIFIED
to new
IMO MEPC 107(49)



EASY TO USE/MAINTAIN:
Completely Automatic Operation
Simple Design
Very low Maintenance
Self Monitoring
Self Priming
Continuous Performance Reporting
Heavy Duty Industrial Marine Coating
Factory Installed Bronze Piping & Valves
On board Flow Indication



BOSS 2T/107



BOSS 5T/107



BOSS 25T/107

FLEXIBLE:
Ship Mounted or Offshore Platform
Customizable Size & Controls
Site Specific Optimization
Various Power Voltages
Remote Monitoring Optional
Stable Platform not Required



BOSS 10T/107

HIGHLY EFFICIENT:
Maximum Coalescence
Laminar Flow
Surpasses International
Maritime Discharge Limits
Minimal Power Requirements
Small Compact Size



BOSS 45T/107

BOSS Oil Water Separators - Specification Sheet 107(49)

Specifications	2 GPM	5 GPM	10 GPM	25 GPM	45 GPM
Height (inch/cm)	48 (122)	56 (142)	72 (183)	74 (188)	80 (203)
Width (inch/cm)	26 (66)	28 (71)	36 (91)	40 (102)	54 (137)
Depth (inch/cm)	42 (107)	46 (117)	60 (152)	78 (198)	96 (244)
Dry Weight (lbs./kilogram)	700 (318)	850 (386)	1500 (680)	2500 (1135)	4000 (1816)
Capacity gpm/ M ³ /hr	2/0.5	5 /1.2	10/2.5	25/5.7	45/10.2
Activated Carbon Media charge (lbs./kg)	60 (27)	110 (50)	250 (114)	500 (227)	1000 (454)
Organoclay/Sand charge (lbs./Kg)	92 (42)	185 (84)	365 (166)	730 (331)	1500 (662)
Pipe connections In/Out	¾" – ¾"	1" – ¾"	1 ½" – 1"	1 ½" - 1 ½"	2" – 1 ½"

ALL UNITS

Specifications	Value
IMO MEPC Compliance	107(49)
Test PSIG	45
Operating Pressure	15 PSIG
Operating Temp Range	5-60 C
Max Free Oil Concentration	35%
Max Fluid "C" Oil Concentration (with Filter)	6%
Oil in Water Discharge with TPH	<15 ppm
Single Phase Power Options	110/120vac 220vac
Three Phase Power Options	210/220vac 380/415vac 460/480vac 575/600vac
DC Power Options	12 or 24
Frequency	50 or 60 Hz
Max Amperage	< 15 amps
Max Turbidity for Accurate TPH Reading	35 NTU
Design Negative Inlet Head (Ft/M)	9 (2.8)
Positive Inlet Head Design Pressure (Motorized Valve Required)	15 PSIG
Level Sensor	Conductance
Pump	Centrifugal w SS Housing
Coalescing Media	Polypropylene / HDPE
Hazardous Area Classification	Nema 4X or Class I Div II
Coating Specification	Epoxy/Urethane
Piping and Manual Valves	Bronze / Red Brass
Vessel Metallurgy	Marine Coated Carbon Steel

NOTES:

Custom designs are available to vary specifications

Combinations of specs may have pricing implications

Oil Discharge Pressure equals the pressure of the make-up water inlet, but should be restricted to less than 15 lbs.

Distributor Contact Information:
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