

BOSS Oily Water Separators

CERTIFIED
to new
IMO MEPC 107(49)



BOSS 2T/107



BOSS 5T/107



BOSS 25T/107

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

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

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



BOSS 45T/107

BOSS Oil Water Separators - Specification Sheet 107(49)

<i>Specifications</i>	<i>2 GPM</i>	<i>5 GPM</i>	<i>10 GPM</i>	<i>25 GPM</i>	<i>45 GPM</i>
<i>Height (inch/cm)</i>	48 (122)	56 (142)	72 (183)	74 (188)	80 (203)
<i>Width (inch/cm)</i>	26 (66)	28 (71)	36 (91)	40 (102)	54 (137)
<i>Depth (inch/cm)</i>	42 (107)	46 (117)	60 (152)	78 (198)	96 (244)
<i>Dry Weight (lbs./kilogram)</i>	700 (318)	850 (386)	1500 (680)	2500 (1135)	4000 (1816)
<i>Capacity gpm (M³/hr)</i>	2 (.45)	5 (1.13)	10 (2.27)	25 (5.68)	45 (10.22)
<i>Activated Carbon Media charge (lbs./kg)</i>	60 (27)	110 (50)	250 (114)	500 (227)	1000 (454)
<i>Organoclay/Sand charge (lbs./Kg)</i>	92 (42)	185 (84)	365 (166)	730 (331)	1500 (662)
<i>Pipe connections In/Out</i>	3/4" - 3/4"	1" - 3/4"	1 1/2" - 1"	1 1/2" - 1 1/2"	2" - 1 1/2"

ALL UNITS

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

Contact Information:

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