

BOSS Oily Water Separators

CERTIFIED
to new
IMO MEPC 107(49)



BOSS 2T/107



BOSS 5T/107

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 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)

<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>	500 (250)	730 (331)	1300 (589)	3000 (1360)	4500 (2041)
<i>Capacity gpm/ M³/hr</i>	2/0.5	5 /1.2	10/2.5	25/5.7	45/10.2
<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>	¾" – ¾"	1" – ¾"	1 ½" – 1"	1 ½" - 1 ½"	2" – 1 ½"

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 make-up water inlet, but should be restricted to less than 15 lbs.

Contact Information:

