

BOSS Oily Water Separators

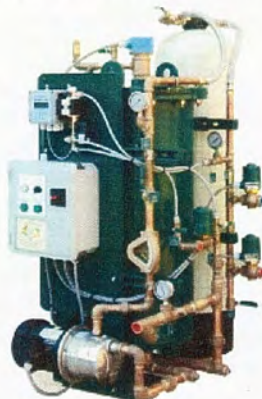
CERTIFIED
to latest
IMO MEPC 107(49)

STANDARD 107 MODELS

For Ships 4000-15000GT
BOSS 11T/107(2.5 m3/hr)



For Ships 1600-4000GT
BOSS 5T/107(1.1 m3/hr)



For Ships 400-1600GT
BOSS 2.2T/107 (0.5 m3/hr)



For Ships 15000GT+
BOSS 25T/107(5.7 m3/hr)



For Rigs & Large Ships
BOSS 45T/107(10.2 m3/hr)

SIMPLE & SOLID

SIMPLE COST

SIMPLE DESIGN

SIMPLE INSTALLATION

SIMPLE OPERATION

SIMPLE MAINTENANCE

SIMPLE RELIABILITY

SIMPLE EFFICIENCY

SIMPLE FILTRATION

BOSS Oil Water Separators - Specification Sheet 107(49)

<i>Specifications</i>	<i>2.2 GPM</i>	<i>5 GPM</i>	<i>11 GPM</i>	<i>25 GPM</i>	<i>45 GPM</i>
<i>Height (inch/cm)</i>	50 (127)	56 (142)	69 (175)	72 (183)	75 (191)
<i>Width (inch/cm)</i>	27 (69)	28 (71)	36 (91)	41 (104)	54 (137)
<i>Depth (inch/cm)</i>	40 (102)	49 (124)	56 (142)	78 (198)	99 (252)
<i>Dry Weight (lbs./kilogram)</i>	450 (204)	725 (329)	1250 (568)	2610 (1184)	3550 (1610)
<i>Wet Weight (lbs./kilogram)</i>	630 (286)	1165 (528)	2220 (1007)	4950 (2245)	7870 (3570)
<i>Capacity gpm/ M³/hr</i>	2.2(0.5)	5 (1.1)	11(2.5)	25(5.7)	45(10.2)
<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>Advantage</i>
<i>IMO MEPC Compliance</i>	107(49)	Meets Latest Requirement
<i>Expected Oil in Discharge Water(independent tests)</i>	Less than 3.2 PPM	Far exceeds the required 15ppm Great for the environment
<i>Emulsion Removal Method</i>	High Capacity Filtration	Simpler/more trouble free than membranes
<i>Expected Filtration Media Life</i>	1 year	Extra long lasting without bypassing
<i>Water Discharge Pressure</i>	90Ft of Head	Designed for any situation
<i>Oil Discharge Pressure</i>	Makeup Water Pressure	Determined by makeup water
<i>Oil Discharge Valve</i>	Standard Check Valve	Optional MOV where Negative Head
<i>Control System Type</i>	Solid Circuit	Increased reliability – No PLC trouble
<i>Control System Interface</i>	6 dry contacts	Easy to interface with ship controls
<i>Test PSIG</i>	45	Quality Construction
<i>Operating Temp Range</i>	1-55 C	Generally not affected by temperature
<i>Max Free Oil Concentration</i>	35%	Large temporary slugs of oil up to 100%
<i>Oil in Water Discharge with TPH</i>	<15 ppm	Can be set to 1-15ppm
<i>Single Phase Power Options</i>	110/120vac 220vac	Any power option 1 phase
<i>Three Phase Power Options</i>	210/220vac 380/415vac 460/480vac 575/600vac	3 phase options to 600VAC
<i>Frequency</i>	50 or 60 Hz	Either frequency no problem
<i>Max Amperage</i>	3.3-7.7 amps	Recommend 15 amp circuit
<i>Max Turbidity for Accurate TPH Reading</i>	35 NTU standard	High Turbidity Options Available
<i>Design Negative Inlet Head (Ft/M)</i>	12 ft./ 3 M	High Lift 5 Meter Option Available
<i>Level Sensor</i>	Conductance	Highly Reliable- Trouble Free
<i>Pump</i>	Centrifugal w SS Housing	Highly Reliable - No emulsions created pump on the discharge side of separator
<i>Coalescing Media</i>	Polypropylene / HDPE	Excellent Coalescing - Very Efficient
<i>Vessel Metallurgy</i>	Carbon Steel	Marine Coated
<i>Coating Specification</i>	Epoxy/Urethane	Highest Quality Coating
<i>Skid / Drip Pan</i>	Standard without skid	Skid or Drip Pan Optional
<i>Piping and Manual Valves</i>	Bronze / Red Brass	Excellent

- NOTES:** 1- Custom designs are available to vary specifications including hazardous area options
2- Combinations of specs may have pricing implications

Contact Information: