



## **BRUTE MARINE OILY WATER SEPARATORS**



### **Five Standard Sizes Available**

- **Model BBOWS 2.2/107: 2.2 GPM (0.5m<sup>3</sup>/hr)**  
*(For Ships 400-1600 GT)*
- **Model BBOWS 5/107: 5 GPM (1.1 m<sup>3</sup>/hr)**  
*(For Ships 1600-4000 GT)*
- **Model BBOWS 11/107; 11 GPM (2.5 m<sup>3</sup>/hr)**  
*(For Ships 4000-15000 GT)*
- **Model BBOWS 25/107; 25 GPM (5.7 m<sup>3</sup>/hr)**  
*(For Ships 15000 GT & Rigs)*
- **Model BBOWS 45/107: 45 GPM (10.2 m<sup>3</sup>/hr)**  
*(For Rigs and Large Ships)*

**Works Simply | Simply Works |  
Easy To Use | Easy To Maintain |  
Compact And Low Profile  
EZ Install | Ready To Operate**

**BRUTE Tough! Quality built in the USA. ISO 9001 Certified!**



## BRUTE Oil Water Separators Spec Sheet

SPECS	2.2 GPM	5 GPM	11 GPM	25 GPM	45 GPM
<b>Height (inch/cm)</b>	56 (142)	58 (147)	77 (195)	80 (203)	85 (216)
<b>Width (inch/cm)</b>	27 (69)	32(81)	39 (99)	47 (119)	54 (137)
<b>Depth (inch/cm)</b>	42 (106)	48 (121)	58 (147)	78 (198)	100 (254)
<b>Dry Weight (lbs/kilo-gram)</b>	80 (218)	775 (351)	1275 (578)	2475 (1123)	3875 (1758)
<b>Wet Weight (lbs/kilo-gram)</b>	660 (299)	1200 (544)	2225 (1009)	4695 (2130)	8580 (3892)
<b>Capacity gpm/M3/hr</b>	2.2(0.5)	5 (1.1)	11(2.5)	25(5.7)	45(10.2)
<b>Pipe Connections In/Out</b>	¾" – ½"	1" – ¾"	1" – ¾"	1 ½" - 1 ½"	2" – 1½"



BRUTE Marine Oil Water Separators are tough, well built, easy-to-operate systems. With simple operation, these rugged marine oily water separators are shipped complete as systems with motor, pumps, piping, monitor and controls and are ready to be easily installed and operated without delay. Simple efficient design and high quality components

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BRUTE

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## BRUTE Oil Water Separators Spec Sheet

SPECIFICATIONS	VALUE	ADVANTAGE
IMO MEPC Compliance	107(49)	Meets Latest Requirement
Expected Oil in Discharge Water(independent tests)	Less than 3.2 PPM by independent test	Far exceeds the required 15ppm Great for the environment
Emulsion Removal Method	High Capacity Filtration	Simpler/more trouble free than membranes
Expected Filtration Media Life	1 year	Extra long lasting without bypassing
Water Discharge Pressure	90Ft of Head	Designed for any situation
Oil Discharge Pressure	Makeup Water Pressure	Determined by makeup water
Oil Discharge Valve	Standard Check Valve	Optional MOV where Positive Head
Control System Type	Solid Circuit	Increased reliability – No PLC trouble
Control System Interface	6 dry contacts	Easy to interface with ship controls
Test PSIG	45	Quality Construction
Operating Temp Range	1-55 C	Generally not affected by temperature
Max Free Oil Concentration	35%	Large temporary slugs of oil up to 100%
Oil in Water Discharge with TPH	<15 ppm	Can be set to 1-15ppm
Single Phase Power Options	110/120vac 220vac	Any power option 1 phase
Three Phase Power Options	210/220vac 380/415vac 460/480vac 575/600vac	Any power option 1 phase
Frequency	50 or 60 Hz	Either frequency no problem
Max Amperage	3.3-7.7 amps	Recommend 15 amp circuit
Max Turbidity for Accurate TPH Reading	35 NTU standard	High Turbidity Options Available
Design Negative Inlet Head (Ft/M)	12 ft./ 3 M	High Lift 5 Meter Option Available