

# BRUTE Oil Water Separators - Specification Sheet Standard Units

Specifications	2 GPM	5 GPM	10 GPM	25 GPM	45 GPM
Height – inches (mm)	48 (1220)	54 (1376)	70 (1771)	77.8 (1987)	83.4 (2122)
Width - inches (mm)	24 (615)	24 (615)	28 (729)	38.5 (978)	47.0 (1194)
Depth - inches (mm)	36 (912)	34 (882)	36 (912)	43.6 (1115)	56.5 (1432)
Dry Weight - lbs. (kilogram)	450 (113)	650 (294)	1060 (480)	1480 (671)	2080 (943)
Capacity - gpm (m <sup>3</sup> /hr)	2 (.45)	5 (1.13)	10 (2.27)	25 (5.68)	45 (10.22)
Pipe connections In - Out	¾” - ¾”	1” - 1”	1” - 1”	1.5” - 1.5”	1.5” - 1.5”
<b>Filter Options</b>					
Tank Size – Gal (ft <sup>3</sup> )	15 (2)	25 (3.3)	63 (8.7)	125 (16.7)	247 (33)
Activated Carbon Media Charge - lbs. (kg)	60 (27)	150 (68)	300 (136)	450 (205)	1000 (455)
Organoclay Charge - lbs. (kg)	130 (59)	320 (145)	640 (290)	950 (432)	2150 (977)
Sand Filter Charge – lbs. (kg)					

## ALL STANDARD & ECONOMY UNITS

Specification	Value
IMO MEPC Compliance	60(33) with TPH
Test PSIG	45
Operating Pressure	15 PSIG
Operating Temp Range	5-60 C
Max Free Oil Concentration	35%
Oil in Water Discharge with TPH	<15 ppm
Single Phase Power Options	110 (120vac 220vac
Three Phase Power Options	210 (220vac 360 (380vac 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 makeup water inlet, but should be restricted to less than 15 lbs.