

Bilgewater Adsorbent Separator

BAS-500, BAS-1000 BAS-2000,
and BAS-2500



Bilge Water Treatment

Racor VMT's oily water separators meet the IMO Resolution MEPC 107(49). Racor VMT units are an advanced three-stage system optimizing the separation and removal of free and emulsified oils.

Heavy duty construction, corrosion resistant materials, permanent oil attractant media, quiet operation, automatic diversion valves and advanced oil adsorbent media technology result in an easy to use, high quality, affordable solution to meet your bilge water treatment needs.

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Bilgewater
Adsorbent
Separator



Key Features:

- USCG Certified to meet IMO MEPC 107(49) regulations
- MEPC 107(49) certified oil content monitor included
- Advanced three-stage design for maximum oil separation
- Automated oil flush system
- Compact design minimizes installation requirement
- Certified compliant with European Union Marine Directive 96/98/EC section A.1/2.1 Oil Filtering Equipment



ENGINEERING YOUR SUCCESS.

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BAS-2000, and BAS-2500

General Specifications:

Inlet Connection:

3/4" FNPT on models
BAS-500 - BAS-1000
1-1/4" FNPT on models
BAS-2000 and BAS-2500

Treated Water Outlet:

3/4" FNPT on all models

Oil Discharge:

3/4" FNPT on all models

Clean Water Flush Inlet:

3/4" FNPT on all models
maximum water pressure
20 psi

Model #	Part Number	Power Volts/ phase/Hz	Dimensions inch/mm	Capacity GPM/m3/hr	Dry Weight lbs/kg	Operating Weight lbs/kg	Power (Amps)
BAS-500	90-5086	110/1/60	width 31/788 depth 43/1092 height 67/1702	2.2 / .5	525/238	700/282	8
	90-5087	220/1/60					4
	90-5088	220/3/60					2.4
	90-5089	440/3/60					1.2
	90-5090	230/1/50					4.5
90-5091	380/3/50	1.5					
BAS-1000	90-5092	110/1/60	width 33/838 depth 46/1168 height 67/1701	4.4 / 1	630/286	880/399	7.4
	90-5093	220/1/60					3.7
	90-5094	220/3/60					2
	90-5095	440/3/60					1
	90-5096	230/1/50					3.6
90-5097	380/3/50	1.2					
BAS-2000	90-5098	110/1/60	width 44/1118 depth 66/1676 height 62/1575	8.8 / 2	1200/544	2090/948	8
	90-5099	220/1/60					4
	90-5100	220/3/60					2.4
	90-5101	440/3/60					1.2
	90-5102	230/1/50					3.6
90-5103	380/3/50	1.2					
BAS-2500	90-5104	110/1/60	width 44/1118 depth 66/1676 height 62/1575	11 / 2.5	1260/572	2150/975	7.4
	90-5105	220/1/60					3.7
	90-5106	220/3/60					2
	90-5107	440/3/60					1
	90-5108	230/1/50					3.6
90-5109	380/3/50	1.2					

* Water production capacity may be slightly less than rated for all 50 Hz units.

Spares and Consumables

Part No.	Description	Part No.	Description
33-0057	Process filter 5 micron all models	20-0505	Light, Incandescent (110)
90-5026	Coalescer Media Fill Kit (model BAS-500)	20-0296	Relay level control 110 VAC/50-60
90-5028	Coalescer Media Fill Kit (model BAS-1000)	90-5030	Kit, Adsorptive media replacement (BAS-500 - BAS-1000)
90-5029	Coalescer Media Fill Kit (models BAS-2000 & BAS-2500)	90-5031	Kit, Adsorptive media replacement (BAS-2000 - BAS-2500)
33-0082	Process filter housing cover seal O-ring	30-1164	O-ring, Riser tube, Media filter
20-0029	Switch, 3-pos	30-0935	O-ring, Distributor head, Media filter
20-0028	Switch, 2-pos	70-0392	Feed pump seal kit
20-3004	Light, Indicator, Green		
20-3006	Light, Indicator, Red		

WARNING – USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
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