

# Bilgewater Adsorbent Separator

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



## Bilge Water Treatment

Parker Village Marine Tec. oily water separators meet the Village Marine Tec. IMO Resolution MEPC 107(49). The Village Marine Tec. 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.

## Contact Information:

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## Features & Benefits:

- 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 2014/90/EU item MED. 1/2.1
- Built in Push-to-Start (Priming) for quick operation



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 34.5/877 depth 28.33/119 height 50.9/1293	2.2 / .5	525/238	700/282	7.9
	90-5087	220/1/60					3.9
	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					
BAS-2000	90-5098	110/1/60	width 44/1118 depth 66/1676 height 62/1575	8.8 / 2	1200/544	2090/948	7.9
	90-5099	220/1/60					3.9
	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					
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					

\* 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	90012515	Push Button, Momen Tary, Red
20-3006	Light, Indicator, Red	0101018	Media Filter With Stand, BAS 500

### 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.**

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- 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.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

To maintain peak performance, always use genuine Parker Village Marine replacement parts.  
We reserve the right to change our specifications or standards without notice.

 **WARNING:** This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

