

Pure Water Series

400-2000 GPD
(1.5-7.5 m³/day)



For Commercial Marine Applications

The Pure Water (PW) Series is designed to provide installation flexibility, superior performance, and extended service life in the most rugged conditions.

Designed for 24/7, continuous-duty applications, where reliable fresh water supply is critical.

The fully framed unit is standard, however semi-modular and fully modular versions are also available.



Village Marine PW 400-2000

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Modular System
Village Marine - PW 400-2000



Semi-Modular System
Village Marine - PW 600-2000

www.parker.com/racor



ENGINEERING YOUR SUCCESS.

Pure Water Series

400-2000 GPD
(1.5-7.5 m³/day)

Standard Features:

- Monel mesh strainer and dual sediment prefilters.
- Maintenance-free air/oil separator allows operation while underway.
- Low RPM five plunger titanium pump for minimum vibration and noise with unsurpassed corrosion resistance.
- Magnetic drive low pressure pump provides up to 10 psi of boost pressure to the filtration system. No mechanical seal to reduce maintenance requirement.
- Stainless steel, glycerin filled pressure gauges.
- Freshwater flush system included. Optional automation of the flush system is available.
- Adjustable 316 SS pressure regulating valve allows use in fresh, brackish or seawater.
- Easy to operate 316 SS high pressure bypass valve controls the operating mode and allows high pressure bypass for start-up and low pressure flushing without readjustment of regulating valve.

Model	Part Number	Power Volts / phase / Hertz / Amps	Capacity GPH-m ³ / D	Dimensions W x D x H inch (cm)	Weight lbs. / kg
PW-400	90-8633	110 / 1 / 60 / 13	17-1.5	27 (69) x 24 (61) x 16 (41)	225/102
	90-8217	220 / 1 / 60 / 8			
	90-8513	220 / 3 / 60 / 6			
	90-8036	230 / 1 / 50 / 8			
	90-8238	380 / 3 / 50 / 3			
	90-8037	440 / 3 / 60 / 3			
PW-600	90-8125	110 / 1 / 60 / 21	25-2.3	54 (137) x 24 (71) x 16 (41)	350/159
	90-8006	220 / 1 / 60 / 11			
	90-8223	220 / 3 / 60 / 7			
	90-8636	230 / 1 / 50 / 11			
	90-8635	380 / 3 / 50 / 4			
	90-8634	440 / 3 / 60 / 4			
PW-800	90-8028	220 / 1 / 60 / 17	34-3.0	54 (137) x 24 (71) x 16 (41)	350-159
	90-8637	220 / 3 / 60 / 11			
	90-8047	230 / 1 / 50 / 15			
	90-8638	380 / 3 / 50 / 6			
	90-8292	440 / 3 / 60 / 6			
	90-8038	220 / 1 / 60 / 17			
PW-1200	90-8210	220 / 3 / 60 / 11	50-4.5	54 (137) x 24 (71) x 16 (41)	400-182
	90-8606	230 / 1 / 50 / 15			
	90-8212	380 / 3 / 50 / 6			
	90-8040	440 / 3 / 60 / 6			
	90-8600	220 / 1 / 60 / 19			
	90-8603	220 / 3 / 60 / 16			
PW-1600	90-8601	230 / 1 / 50 / 25	67-6.0	54 (137) x 28 (81) x 16 (41)	425/193
	90-8017	380 / 3 / 50 / 8			
	90-8604	440 / 3 / 60 / 8			
	90-8554	220 / 1 / 60 / 19			
	90-8039	220 / 3 / 60 / 16			
	90-8597	230 / 1 / 50 / 25			
PW-2000	90-8598	380 / 3 / 50 / 8	84-7.6	54 (137) x 28 (81) x 16 (41)	450/205
	90-8011	440 / 3 / 60 / 8			

Spares and Consumables

Part No.	Description	Part No.	Description
85-0050	Pump Oil	33-0271	O-Ring, Flush Housing (models 800+)
33-0005	Prefilter Element, 5 micron	33-2519	Membrane (model 400)
33-0020	Prefilter Element, 20 micron (models 800+)	33-0238	Membrane (models 600+)
33-0311	Flush Filter (models 400, 600)	90-2512	O-Ring Kit, Membrane Housing
33-0315	Flush Filter (models 800+)	90-0562	Clean and Preservation Kit
30-0040	Strainer Element	70-6184	HP Pump Service Kit
30-0405	O-Ring, Prefilter Housing	20-4096	Salinity Probe
90-0005	O-Ring, Flush Housing (models 400, 600)	20-0005/20-2001/20-0243	Fuses (1 of each)

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

