

WJC-30 Fresh Water Filtration System (Jerry Can Box Size)

30 GPH (114 LPH)



The new water purification system in a “Jerry Can” sized box. Parker - Village Marine WJC units provide fresh water filtration that is truly portable and independent. The WJC-30 will process 114 liters per hour (30 gallons per hour) from 12 volt vehicle auxiliary power. Optional lightweight folding solar power version is available for water production from sunlight. Water treatment includes 5 micron sediment filtration, carbon filtration, ultrafiltration membranes, and an ultraviolet sterilizer.

Parker - Village Marine is an ISO 9001 certified company.



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Main Component:

- 5u Cartridge Filter: Non-corrosive NSF housing, rated at 10 bar working pressure, complete with one (1) 5µ nominal polypropylene filter cartridge
- Carbon Cartridge Filter: Granulated carbon cartridge
- High Pressure Pump: Non corrosive NSF certified positive displacement pump
- Membrane Elements: Spiral-wound, UF, Thin Film Composite Membrane
- Ultraviolet Sterilizer: NSF UV sterilizer



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Unit Performance Data System:

- Permeate Flow: 30 GPH (114 LPH)
- Feed Flow: 67 GPH (254 LPH)
- Vertical Lift: 12 Feet
- Feed Water Quality: Open Pond
- Feed Water TDS: < 500 PPM TDS or Less
- Product Water TDS: < 500 PPM TDS or Less
- Design Freshwater Temperature: 2-35°C
- Overall System Power: 85 Watts

Instrumentation:

Conductivity/Salinity Monitor:

- Quantity: One (1) Hand Held Meter
- Description: Measures Salinity Levels.
- Location: Permeate Supply Line.

Pressure Gauges:

- Quantity: One (1) per System
- Description: Measures High Pressure Pump Outlet Pressure 2.5" Glycerin Filled Gauge.
- Locations: Membrane Feed Line

Package Utility Requirement:

- Water Inlet: 3 Meters
- Reject Outlet: 3 Meters
- Product Water Outlet: 3 Meters
- Power Supply: 12/24 VDC - "Anderson Connector". Alternate Connectors Available Upon Request.



Materials of Construction:

- Tubing: NSF Grade Antimicrobial Plastic Tubing
- Pre-filter Cartridge Housings: NSF Grade Plastic
- Membrane Vessels: NSF Grade Plastic
- Frame: Aluminum 6061T6 and Powder Coated



Model	Part Number	Power Supply	Capacity GPH / LPH	Dimensions WxDxH inch/cm	Weight lbs/kg
WJC-30	0500114	12/24 VDC	30/114	6.6/16.8x13.6/34.5x18.5/47	25/11.3*

* Weight of the system is approx. 25 pounds. Less hoses and cables.

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

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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.

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