

# Salinity Monitor and Diversion Valve

12 Volt DC - Part #90-0081

110 VAC - Part #90-0115

220 VAC - Part #90-0116



Salinity Monitor

## Contact Information:

Parker Hannifin Corporation  
**Racor Division/Village Marine Tec.**  
2630 E. El Presidio Street  
Carson, CA 90810

phone 310 516 9911  
fax 310 538 3048  
racor@parker.com  
www.villagemarine.com

[www.parker.com/racor](http://www.parker.com/racor)

Racor Village Marine stand alone salinity monitor system can be fitted to models Sea Quencher, Little Wonder or LTM watermakers or to any make or model needing addition or replacement of the salinity control. The compact assembly provides water quality reading and an automatic diversion valve to ensure that only fresh water flows to the potable water storage tank.

### Dimensions

8.5 inch / 22 cm wide  
5 inch / 13 cm high  
3 inch / 13 cm deep



ENGINEERING YOUR SUCCESS.

# Salinity Monitor & Diversion Valve

12 VDC: 90-0081  
 110 VAC: 90-0115  
 220 VAC: 90-0116



## Monitor Instructions

Salinity display, as ppm NaCl. Display reads 1 when result is above 2000 ppm.

Press the MEAS button to view the measured salinity. Calibrate by putting probe in a known buffer solution, and turning the CAL potentiometer with a screwdriver.

Press the SET button to view minimum acceptable water quality. Adjust by turning the tiny potentiometer marked SET with a screwdriver. Recommended setting 500, meaning water above 500 ppm is rejected overboard.



Over-ride Switch. Set to the Auto position for normal operation. Set to OFF to keep Product Solenoid Valve closed, for instance when flushing out cleaning chemicals or for 10 minutes when first installing new membranes. Set to ON to keep Product Solenoid Valve open, for instance when it is desired to override the quality reading from the probe or for troubleshooting.

LED lamp lights yellow when water is "good" quality (below setpoint). Lamp is green when water quality is "bad" (above setpoint)

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.