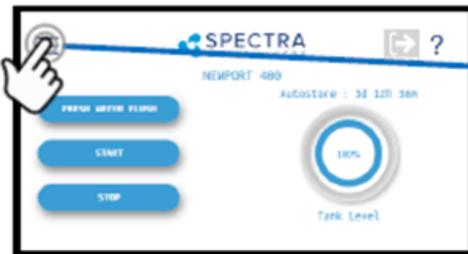


Salinity Calibration

The Salinity probe has been calibrated at the factory during testing and is not normally required during commissioning. If the product quality is not reading accurately, follow calibration steps.

1. Press the Menu Button



2. Press the Calibrate Sensors Button



3. Press the Salinity—Product Button



Fig. 1

4. Press Continue to acknowledge the warning



Fig. 2



Fig. 3



Fig. 4

5. The system will run for a minimum of 5 minutes to stabilize the product water salinity.
6. Using a calibrated handheld TDS meter measure the salinity of the product water at a sampling port, or a convenient location if no sampling valve was installed.
7. Touch the 'PPM' field and enter the reading taken above.
8. Press 'Proceed' to store the new calibration value. *You must save all changes when prompted after exiting the settings menu*

Tank Automation/Monitoring Options

Spectra has a few different available options for automated tank operation and monitoring. The Tank Full Float Switch is our most widely utilized option and is included with each Connect system. The float switch is installed at the top of the tank and will turn off the system when the tank is full and then automatically starts a freshwater flush. Depending on the install, sometimes the float will need to be unclipped and flipped over 180 degrees to function correctly.

The Tank Low Float Switch works in a similar manner. This switch is installed towards the bottom of the tank (typically about 1/3 of the way up from the bottom) and when enabled will start the system and make water once the water level drops below that of the float switch. **Spectra STRONGLY ADVISES against leaving this switch enabled when away from your boat, since an unsupervised leak could be a potentially catastrophic situation for the vessel.**

The Tank Level Sensor is a great tool to let you know roughly how much water you have available in your tank with a quick glance. This convenience eliminates some of the guess work so that you always know how much available freshwater you have. An important distinction to note is that this does not start or stop the system and is for informational purposes. This sensor works based on the weight of the water in the tank.

Tank Monitoring Options Recap:

Highlighted sections clarify issues in older manuals.

1. Tank Full Float Switch (EL-SWT-LV TANK FULL SWITCH TOP MOUNT)
 - a. This is installed at the top of the tank. Once the float closes the circuit for 2 minutes the tank finishes running and does a freshwater flush.
 - i. On PCB the circuit connects to the TANK 1 pins

Owner's manuals previously did not specify which terminals to connect to. Connect to TANK 1.

- b. **Note: this float may need to be flipped 180 degrees on its rod to work properly. Simply remove the clip and flip the float upside down.**
2. Tank Low Float Switch (EL-SWT-SMLV SIDE MOUNTED FLOAT SWITCH)
 - a. This is installed towards the bottom of the tank (we suggest 1/3 from the bottom). When the water level drops below the switch the circuit opens and the system makes water until the tank is full.
 - i. On the PCB the circuit connects the TANK 2 pins

Owner's manuals previously incorrectly stated to wire Tank Low Float Switch into TANK 1 terminals. Use TANK 2.

3. Tank level sensors (KIT-SC-TNKSS SPECTRA CONNECT TANK SENSOR KIT)

- a. These are strictly for monitoring the level in your tank, they do not cause the system to start or stop.
- b. This is a pressure sensor that feels the weight of the fresh water in the tank. When calibrated, the operator enters in how many feet or inches the waterline is above the sensor.
 - i. On PCB these connect to the pins 5V, TANK1, GND, and 5V, TANK2, GND