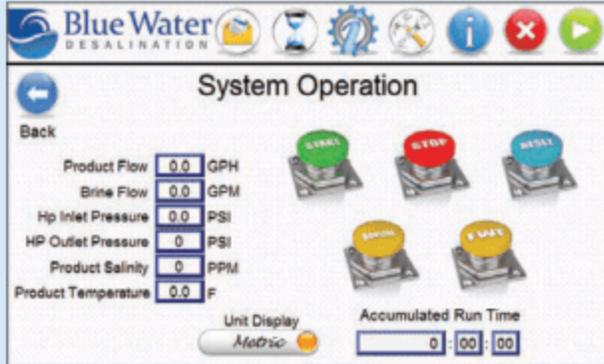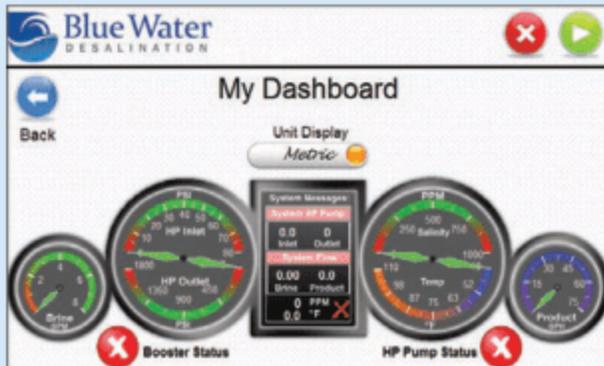# LEGEND / LEGEND LX CONTROLLER FEATURES

The Blue Water Desalination Legend series is the easiest system to operate available on the market today. It features fully automatic operation through an industry leading 7" full color touch screen control. The system's proprietary software constantly monitors and adjusts the system to compensate for changes in water temperature and salinity to ensure maximum production and product water quality.
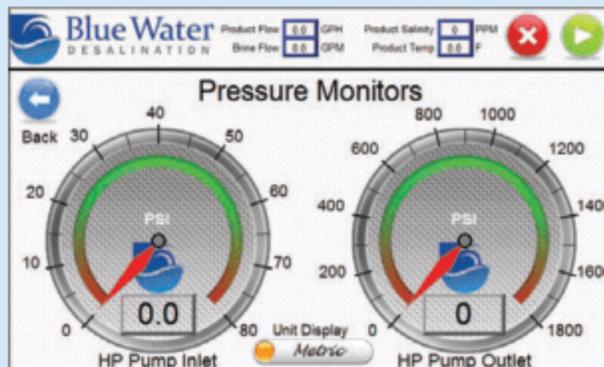

System Operation Screen

The *System Operation* screen is where the system startup can be automatically initiated with a touch of the START button. All key pressures and flows are seen on the left side of the screen. On this and every screen the output can easily be switched between Imperial and Metric measurements

My Dashboard Screen

The *My Dashboard* screen displays a graphical representation of the key operating parameters of the system. In one quick glance you can confirm that all pressures and flows are operating in the green range of acceptable performance. The screen also displays digital confirmation of key pressure, flow and water quality readings.

Pressure Monitors Screen

The *Pressure Monitors* screen displays the High Pressure Pump inlet and outlet pressures. Similar screens are available to monitor system brine and product water flows as well as product water temperature and salinity. Additional key operating parameters are shown at the top of this and every screen.

The Legend digital controller also monitors and reports on system usage and potential problems. The *System Hours* screen displays run time and hours of operation until High Pressure Pump service is required. The *System Messages* screen gives the operator both Warnings and Faults. The Warnings give notice of potential problems while Faults give clear concise messages of the issue with the system and information to help troubleshooting.

A fully functional remote controller is available to enable you to operate and monitor your system from outside the machinery space. In addition, the optional NMEA 2000 interface enables you to operate and monitor the system through certain NMEA compatible displays.