

water water everywhere...
Control how much you want to drink.



INDUSTRIAL SERIES CONTROLLER

The Industrial Series Controller - Three configurations that fit your needs

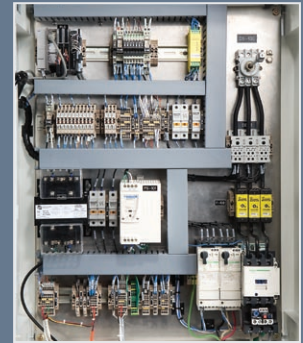
The new Danfoss Sea Recovery industrial controller delivers an innovative solution for beginning to experienced water system operators. Danfoss Sea Recovery offers three different levels of control configurations, allowing one to choose from semi-auto to fully automated controls along with other functions that ensure your system is running efficiently.



Basic Control System

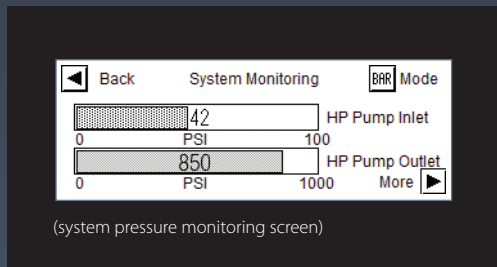


interior door / electrical



interior electrical

Basic Control System



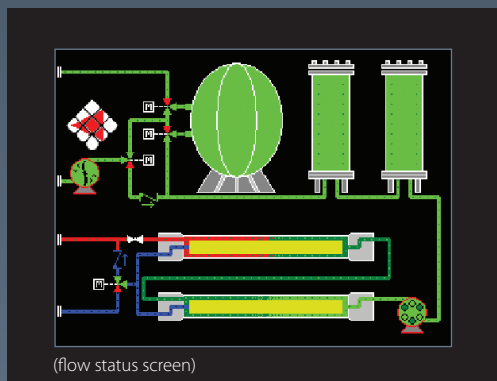
(system pressure monitoring screen)

Standard Features:

- 4 inch touch screen interface
- Single point tank level control
- Product salinity monitoring
- Multiple warning messages
- Performance monitoring and alerts
- Automatic start up / shut down function
- Optional basic MODBUS communication package

The Basic Semi-Automatic Controller gives you the ability to prevent potential problems with its performance monitoring and automatically shuts down when the product tank is full. The touch screen interface has the ability to display multiple warning messages that aid in basic maintenance that extends the life of your water system.

Digital Control System



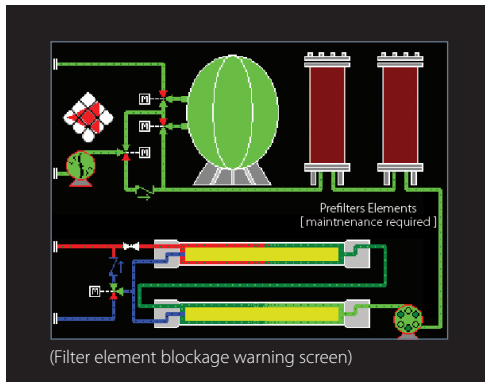
(flow status screen)

Includes all basic control standard features plus:

- 8 inch 65K color touch screen interface
- Digital display of all system pressures, flow rates automated valve positions, and filtration system blockages
- Maintenance detection and interactive on-screen help
- Multi-point tank level control
- Chemical injection controls
- Optional multi media filter automation
- Optional full MODBUS communication package

A step up from the basic configuration, the digital configuration provides a multi colored touch screen interface that has the ability to display maintenance alerts and provide an on screen help guide that aids in detection and repair of system faults. Along with monitoring software, the Digital Control system also has the ability to perform automatic start-up and shutdown operations depending on the level of water in the product tank.

Fully Automatic Control System



Includes Basic and Digital control standard features plus:

- Automatic fresh water flush
- Automatic media filter backwash
- Automatic pre and post-treatment
- Automatic system pressure regulation
- Automatic back pressure regulation
- Filter element blockage prediction
- Full MODBUS communications package

The Fully Automatic Control system couldn't be easier to operate. Equipped with advanced automated functions that help prolong the system life and prevent any maintenance issues. This truly automated configuration practically eliminates the need for an operator. It's MODBUS communications package integrates to hosted control systems that allow remote monitoring, assuring that your system is running smoothly.

Standard Industrial PLC Control

Danfoss Sea Recovery leads the way forward with its integrated performance monitoring and optimization software. Standard with all Danfoss Sea Recovery controllers, the PLC control's local warning displays are capable of detecting potential problems before they become significant enough to cause performance issues. All three system control options are easy to operate with a one touch automatic start up and shutdown function. Press a button and walk away knowing the cutting edge software will always ensure your system is running at peak efficiency.

Ethernet/MODBUS Communication Option

Equipped standard with the Fully Automatic control and as an option for all other control systems. The optional Communications Package seamlessly integrates into locally hosted control systems allowing real time remote monitoring of process instrumentation, system performance, as well as remote notification of detected system errors, and detailed 'Maintenance Requests'. You can even start and stop your system remotely with a single command.



Tested and Certified

Danfoss Sea Recovery put safety and quality first as we constantly invest in new technologies and new approvals. Our products have been tested and approved by commercial and industrial independent product safety standards such as those from UL and IEC.



Safety, service and solutions are the three main goals that define ABS and as a leading supplier for the marine and offshore industry, we have also been tested and approved by ABS.

Available Voltages

Phase	Three	Three	Three	Three	Three	Three
Hz	50	50	50	60	60	60
VAC	220	380	440	208	230	460
HP	35	35	35	30	30	30
FLA	90	52	47	80	72	38
Circuit Breaker Size	125 Amperes	100 Amperes	100 Amperes	125 Amperes	125 Amperes	100 Amperes



The standard in commercial watermakers

Danfoss Sea Recovery is a pioneer in the manufacturing of watermakers built to accommodate the customer's needs. The common features of all Danfoss Sea Recovery watermakers are versatility in installation options, user-friendly controls, minimal maintenance, and safety.

Danfoss Sea Recovery's commercial line of watermakers are the standard in the market because of their reliability and robust construction. Guaranteed to provide clean water in the most extreme conditions.

The most convenient and efficient choice for fresh water production

Danfoss Sea Recovery industrial watermakers produce 10 times more water per hour than other water purification methods.

Danfoss Sea Recovery

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