Fleck NXT2

The Pentair Fleck NXT2 Advanced System Network Controller features new user-friendly upgrades and first-in-class connectivity. This multi-valve system controller expands the current capability from four to eight valves, decreasing installation and set-up time. Plug-in wire harnesses further increase efficiency and high contrast OLED display improves readability.

For Valves:

- 2750
- 2815
- 2850
- 2900S
- 3150
- 3900

Features and Benefits

- On-screen multilingual support: English, French, Dutch, Italian, Spanish, Netherlands, Portuguese
- Time of day super capacitor backup for 12-hour power loss
- 2 to 4 line scrolling text OLED display, high contrast easy to read in low light conditions and at a distance
- Full functional user interface with easy programming allowing forward and backwards menu navigation
- Network two to eight valves via CAT5 or better cables
- LED Status Indicator - Blue: In Service - Flashing Blue: Regeneration Queued - Green: Regeneration - Flashing Green: Standby - Red: Error condition present
- Two Programmable Auxiliary relay outputs - Time-based - Volume based (Chemical pump) - Alarm-based - Cycle-based - Standby
- Remote input - Remote Lockout - Remote Regeneration
- Easy installation with plug-in wiring harnesses
- Assistance Name and Phone Number contact fields
- Error Log History
- Water Usage Daily (up to 13 weeks)
- Push Settings
- Capacitive Touch buttons
- Two Regeneration Lockout Windows
- Reset to factory default settings or from savable custom settings
- Full calendar display
- Master Programming Lockout - Code-based - Time-based - Delayed Icons for easy system status identification
- Dynamic network addressing
- Diagnostics - Real-time Flow Rate - Peak Flow Rate (can be reset) - Totalizer (can be reset) - Reserve Capacity - Use Since Last Regeneration - Last Regeneration - Identifiable Software Version - Total Number of Regenerations - Regeneration Interval - Last Settings Change - Error Log History - Average Daily Usage (per weekday, 3 month history)

Specifications

Regeneration Type

- Meter Delayed Fixed Reserve
- Meter Immediate
- Remote Signal Start Immediate
- Time Clock Delayed

Regeneration Flow

- Downflow
- Upflow fill first
- Upflow brine first

Electrical Rating

- 24V DC Power Supplies
- 100V-240V AC input; 24V DC output

Generic Meter Guidelines

- Open collector output
- Pulse rate generated must not exceed 100 pulses per second (100Hz) or 6,000 pulses per minute
- Support for meter outputs in the range of 1-255 gallons (25.5m3) for every 1-255 pulses
- Metered must operate at 5 VDC