

NXT2 CONTROLLER

ADVANCED SYSTEM NETWORK CONTROLLER



FEATURES • BENEFITS

- ◆ On-screen multilingual support: English, Français, Deutsch, Italiano, Español, Nederlands, Português
- ◆ 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)

VALVE SPECIFICATIONS

System Type 4, 5, 6, 7, 8, 9, 14

VALVE TYPE

2750	3150
2850	3900
2900s	2815

SPECIFICATIONS

SYSTEM	SYSTEM DESCRIPTION	NUMBER OF TANKS/CONTROLS	TYPE
4	Single Unit	1	Time Clock: No Meter Immediate: One Meter Delayed: One Meter Remote: No Meter
5	Interlocked	From 2 up to 8	Immediate: All Meters Remote: No Meter
6	Series Regeneration	From 2 up to 8	Immediate: One Meter Delayed: One Meter Remote: No Meter
7	Twin Alternating	2	Immediate: One Meter Remote: No Meter
8	Alternating Delayed	2	Immediate Transfer, Delayed Regeneration
9	Multiple Tank Alternating	From 2 up to 8	Immediate: All Meters Remote: No Meter
14	Demand Recall	From 2 up to 8	Immediate: All Meters

REGENERATION TYPE

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

REGENERATION TYPE

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
Meter must operate at 5 VDC



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