

# 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 (25.5m<sup>3</sup>) for every 1-255 pulses  
Meter must operate at 5 VDC



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4005307 Rev A JL18