

FLECK® NXT

ADVANCED SYSTEM NETWORK CONTROLLER

ON-BOARD COMMUNICATION CAPABILITIES TO LINK MULTIPLE VALVES



FEATURES/BENEFITS

On-screen multilingual support: English, French, German, Portuguese, Spanish

Time of day super capacitor backup for power loss

2 line/ 16 character full text LCD backlit display

Left arrow button allows digit selecting in programming mode

Networks two to four valves via off-the-shelf CAT3, CAT5, or better cables

Field-configurable for all system types

LED Status indicator

- Blue: In service
- Flashing Blue: Regeneration Queued
- Green: Regeneration
- Flashing Green: Standby
- Red: Error with codes

Auxillary inputs and outputs

- Programmable relay output
- Programmable chemical pump output
- Remote lockout and regen input

Easy installation with plug-in wiring harnesses

Easy electronic programming

Diagnostics

- Current Flow Rate
- Peak Flow Rate (can be reset)
- Totalizer (can be reset)
- Hours between last two regenerations
- Hours Since Last Regeneration
- Volume Remaining (adjustable)
- Valve Address
- Software Version

SYSTEM TYPE

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

VALVE TYPE

2750	3150
2850s	3900
2850	7000 (excludes system 14)
2900s	

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	2, 3, or 4	Immediate: All Meters Remote: No Meter
6	Series Regeneration	2, 3, or 4	Immediate: One Meter Delayed: One Meter Remote: No Meter
7	Twin Alternating	2	Immediate: One Meter Remote: No Meter
9	Multiple Tank Alternating	2, 3, or 4	Immediate: All Meters Remote: No Meter
14	Demand Recall	2, 3, or 4	Immediate: All Meters

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 Transformers:

- 115V AC +/- 20% input, 24V AC output
- 230V AC +/- 20% input, 24V AC 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



FILTRATION & PROCESS

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