



Features

- Fully adjustable, 5-cycle control is efficient and reliable, delivering controlled upflow backwash, downflow brining and downflow service
- Versatile top or side mount is suitable for commercial or industrial applications
- Backwash capacity accommodates tanks up to 63" diameter
- Solid, lead-free brass* construction for superior strength and durability
- Protective NEMA 3R equivalent enclosure is rain tight, and UV stable
- Flexible 7 or 12 day time clock or meter initiated regeneration
- Ideal for most filter applications up to 42"

Options

- Filter or softener control valve
- Meter delayed or immediate initiated regeneration
- Service valve operator
- Side mount
- Electronic timer, 3200NXT, 3214NXT, or XT
- Choice of 7 or 12 day timer
- Hot water up to 180°F for any filter or 1600 brine system or metered control valve
- Hot water up to 150°F for any 1700 brine system or metered control valve
- No hard water bypass
- Upflow regeneration
- Auxiliary switch

Valve Specifications

Valve material	Lead-free brass*
Inlet/Outlet	2" NPTF
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Flow rate (50 psi Inlet)	Top mount	Side mount
Continuous (15 psi drop)	95 GPM	100 GPM
Peak (25 psi drop)	124 GPM	129 GPM
Cv (flow at 1 psi drop)	24.8	25.9
Max. backwash (25 psi drop)	105 GPM	109 GPM

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Electromechanical: 164 minutes 3200NXT: 240 minutes per cycle 3214NXT: 240 minutes per cycle XT: Up to 240 minutes per cycle

Meter Information

Meter accuracy	3 - 150 GPM +/- 5%
Meter capacity range (gal.)	Standard: 1,250 - 21,250 Extended: 6,250 - 106,250 3200NXT: 2,900,000 3214NXT: 9,900,000 XT: 1,000 - 9,900,000

Dimensions

Distributor pilot	2" pipe I.D.
Drain line	2" NPTF
Injector brine system	1"
Brine line	1" NPTM
Mounting base	Top mount: 4" - 8 UN
Height from top of tank	10"

Additional Information

Electrical rating	24 v, 110 v - 50 Hz, 60 Hz
Estimated shipping weight	Time clock: 39 lbs. Metered value: 46 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

* As defined in the U.S. EPA Safe Drinking Water Act; the product also meets California Proposition 65 Standards



TESTED AND CERTIFIED by the WQA
to NSF/ANSI STD. 61 Section 8
Material Safety Only and ANNEX "G"

Distributed By:

**APPLIED
MEMBRANES INC.®**

Industry Leader in RO Expertise and Membrane Applications since 1983™

2325 Cousteau Ct. Vista, CA 92081 ☎ (760) 727-3711 📠 (760) 727-4427

🌐 www.appliedmembranes.com ✉ sales@appliedmembranes.com