

85 TA 1" Series Control Valves



Canature WaterGroup™ has a dedicated team of professionals with decades of commercial water treatment experience. They have built a reputation for designing efficient, high-quality commercial water softener systems.

85 TA 1" Series Control Valve Specifications

Valve Material	Noryl (PPO)
Plumbing Connections (NPT)	1"
Tank Thread	2-1/2"
Meter Accuracy	+/-5%
Distributor Pilot	1.05" OD (1" Tube)
Drain Line	1/2"
Brine Line	3/8"

Flow Rates (Valve Only 50 psi inlet)

Continuous (15 psi drop)	20.7 GPM
Peak (25 psi drop)	26.9 GPM
Max. Backwash (25 psi drop)	16.7 GPM
Cv	5.4

Typical Applications

Softeners	Up to 16" Diameter
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Electrical

Input	110V AC 50/60Hz
Output	12V AC 50/60Hz 410mA

Operation Ratings

Max. Working Pressure	20 - 125 psi
Max. Temperature	34F - 110F

Approvals

NSF/ANSI 44	Certified
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Features:

- Back wash over ride mode
- Automatic vacation mode
- Soft water recharge mode
- Soft water brine tank refill
- Easy to program
- No touch diagnostics
- Exclusive precision brining
- Backwash water usage reduction
- Low regeneration water usage mode
- Low salt usage mode

Benefits:

- Excellent valve for water conditioning systems
- High service flows
- Simplifies inventory & servicing
- Time clock or meter immediate or delayed regeneration
- Optional: Aux contact closed for complete regeneration cycle



This control valve is Tested and Certified by NSF International against NSF/ANSI Standard 44 for materials and structural integrity requirements

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