

# 85 TA 1" Series Control Valve

Canature WaterGroup™ has dedicated professional engineers with decades of commercial water treatment experience. Over the years, they have built a reputation for designing efficient, high quality commercial water softener systems.

## 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



85 TA 1" Series Control Valve Specifications	
Valve Material	Noryl (PPO)
Plumbing Connections (NPT)	1/2", 3/4", 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

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



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

## 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

In the U.S.A. 877-288-9888  
In Canada 877-288-9888  
[www.canaturewg-cied.com](http://www.canaturewg-cied.com)

Regina, SK • Cambridge, ON • Carmel, IN • Fridley, MN