

# 85 TA 1" Series Commercial Water Softener



## Operating Parameters

- Operating pressure: 30 PSI - 125 PSI (206 kPa - 862 kPa)
- Operating temperature: 39 - 100° F (4 - 38°C)
- Electrical: Input 120V 60 Hz - Output 24VAC

## Materials of Construction

- Control Valve: Plastic PPO
- Pressure Tanks: Corrosion resistant fibreglass reinforced polyethylene NSF 44 Certified
- Brine Tank: High density polyethylene (includes plastic salt plate, brine well & cap, air check, and safety float)
- Ion Exchange Resin: High Capacity IAPMO certified 8% Canature resin
- Internal Distributors

## Standard Features

- Up-flow: Provides high efficiency and ultra low hardness leakage
- Master Controller: Fully programmable electronic controller with adjustable cycles
- Alternating Flow: One tank is always off-line for regeneration or ready in stand by.
- Advanced Diagnostic Information: Easily trouble shoot and access system information displayed in real time
- Back Wash Override: Reduces regeneration water usage by skipping pre set number of back wash cycles
- Softwater Refill: Adds treated water to the brine tank to keep brine clean and reduces maintenance
- Optional: Aux output closed during full regeneration cycle

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.



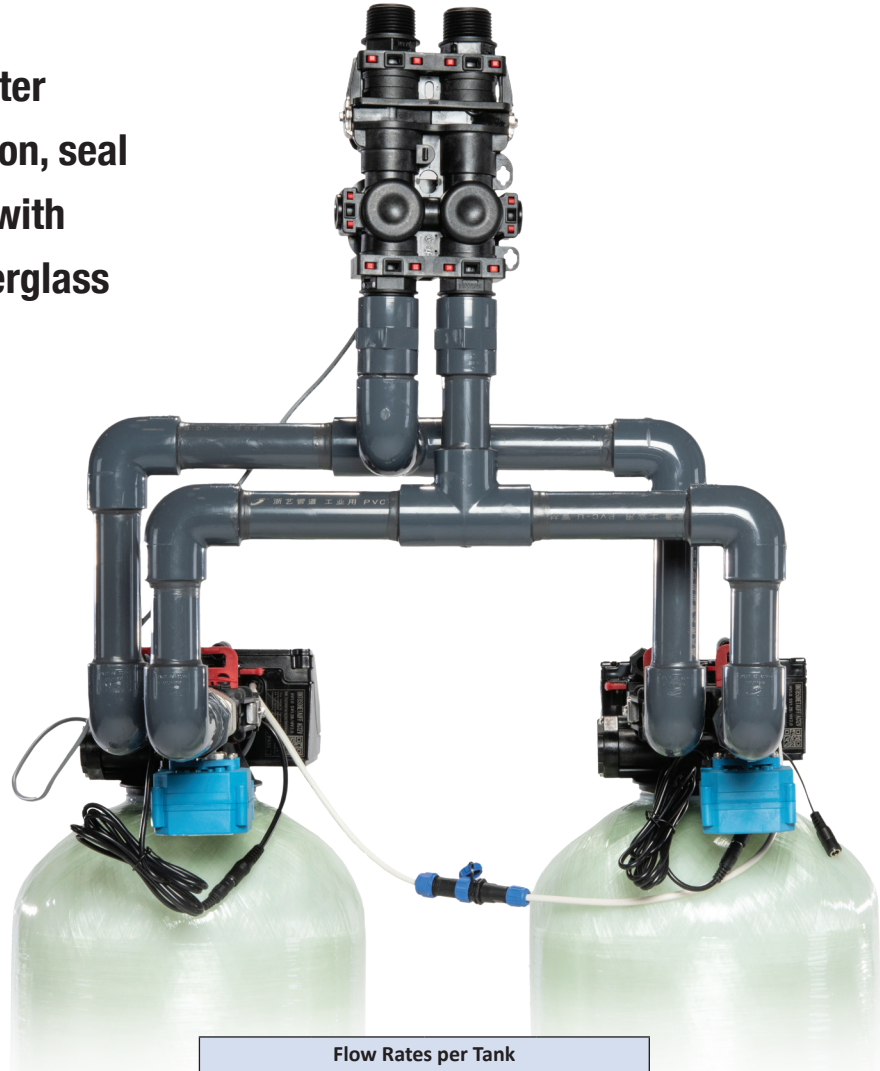
85 TA 1" System

## For Applications Such As:

Apartments ● Boiler Treatment ● Cooling Towers ● Motels ● Schools ● Nursing Homes ● Car Wash ● Dairies  
Factories ● Laundromats ● Office Buildings ● Resorts ● Restaurants ● RO Pre-treatment ● Office Buildings ● Hospitals

# 85 TA 1" Series Commercial Water Softener: Specifications

All Canature WaterGroup™ water softener lines use proven piston, seal and spacer valve technology with electronic controllers and fiberglass tanks.



Model	Capacity	Resin per Tank	Salt Usage		Flow Rates per Tank			Max Flow To Drain	Dimensions	
					Critical Flow	85TA			Mineral Tank	Brine Tank
						@ 15 PSI	@ 25 PSI			
						USGPM	USGPM			
	@15 lbs/Ft3	Ft <sup>3</sup>	@15 lbs/Ft3	@10 lbs/Ft3	l/s	l/s	l/s	l/s	mm	mm
	@10 lbs/Ft3	M <sup>3</sup>	Lbs (Kg)	Lbs (Kg)	USGPM	USGPM	USGPM	USGPM		
85TA-23	23,000	0.77	11.5 (5.2)	6.75 (3.1)	3.75	10.4	14.3	1.5	8 x 44	18 x 35
	20,000	0.02			0.24	0.66	0.9	0.09	203 x 1118	460 x 876
85TA-30	30,000	1	15 (6.8)	10 (4.5)	5.0	11	15	2	9 x 48	18 x 35
	27,000	0.03			0.32	0.69	0.95	0.13	229 x 1219	460 x 876
85TA-45	45,000	1.5	23 (10.2)	15 (6.8)	7.5	11.2	15.1	2.4	10 x 54	18 x 35
	40,500	0.04			0.47	0.71	0.95	0.15	254 x 1372	460 x 876
85TA-60	60,000	2	30 (13.6)	20 (9.1)	10	12.2	16.2	3.5	12 x 52	20 x 37
	54,000	0.06			0.63	0.77	1.02	0.22	305 x 1321	516 x 950
85TA-90	90,000	3	45 (20.5)	30 (13.6)	15	12.6	16.6	5	14 x 65	23 x 41
	81,000	0.08			0.95	0.79	1.05	0.32	356 x 1651	584 x 1029



**TOLL-FREE: 877-288-9888**  
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