

STS95 Single Valve Series Commercial Water Softener

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.

Our STS95 Series single valve softeners provide up to 44 gpm of high quality soft water. The system is engineered and thoroughly tested to provide years of reliable, trouble free performance with minimal maintenance.

Operating Parameters

- Operating pressure: 20 - 100 psi
- Operating temperature: 39 - 100° F
- Electrical: Input 120V 60 Hz - Output 12V

Materials of Construction

- Control Valve: Plastic PPO (Noryl)
- Resin Tanks: Corrosion resistant fibreglass reinforced polyethylene NSF 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

- 95 high flow control valve with RWB piston (standard)
- Large display: Fully programmable and easy to set electronic controller
- Inlet/Outlet available in standard connection size: 1.5" also available in 1" and 1.25" sizes
- Advanced Diagnostic Information: Easily trouble shoot and access system information displayed in real time
- Optional Auxiliary Contact: activated for regeneration cycle
- Battery Back Up System: In the event of a power loss, the system can continue to meter and monitor water usage for up to 9 hours

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



STS95 Single Valve Series Commercial Water Softener: Specifications

Model	Capacity	Resin	Salt Usage		Flow Rates per Tank				Dimensions	
					Critical	95 - 1.5"***		Max Flow	Mineral Tank	Brine Tank
					Flow	@ 15 PSI	@ 25 PSI	To Drain	in	in
					USGPM	USGPM	USGPM	USGPM	mm	mm
STS90	90,000	3	45 (20.5)	30 (13.6)	15	25	35	5	14 x 65	24 x 37
	81,000	0.08			0.95	1.58	2.20	0.32	356 x 1651	610 x 940
STS120	120,000	4	60 (27.3)	40 (18.2)	20	27	38	7	16 x 65	24 x 37
	108,000	0.11			1.26	1.70	2.40	0.44	403 x 1651	610 x 940
STS150	150,000	5	75 (34.1)	50 (22.7)	25	32	43	9	18 x 65	24 x 37
	135,000	0.14			1.58	1.96	2.71	0.57	475 x 1651	610 x 940
STS180	180,000	6	90 (40.9)	60 (27.3)	30	31	42	12	21 x 62	29 x 50
	162,000	0.17			1.89	1.96	2.65	0.76	533 x 1575	740 x 1275
STS210	210,000	7	105 (47.7)	70 (31.8)	31	31	42	12	21 x 62	29 x 50
	189,000	0.20			2.21	1.96	2.65	0.76	533 x 1575	740 x 1275
STS240	240,000	8	120 (54.5)	80 (36.4)	32	32	44	15	24 x 72	33 x 53
	189,000	0.27			2.02	2.02	2.78	0.95	610 x 1829	840 x 1335
STS270	270,000	9	135 (61.4)	90 (40.9)	32	32	44	15	24 x 72	33 x 53
	243,000	0.25			2.02	2.02	2.78	0.95	610 x 1829	840 x 1335
STS300	300,000	10	150 (68.2)	100 (45.5)	32	32	43	15	24 x 72	33 x 53
	270,000	0.28			2.02	2.02	2.71	0.95	610 x 1829	840 x 1335
STS330	310,000	11	165 (74.8)	110 (49.9)	32	31	42	15	24 x 72	33 x 53
	279,000	0.31			2.02	1.96	2.65	0.95	610 x 1829	840 x 1335

** 1.5" connections are standard



Toll Free: 877-288-9888
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