

# WATERTRAK

Pre-engineered Water Treatment Solutions

## STANDARD FEATURES

- 100 PSI Carbon Steel Plasteel Lined Tank
- Strong Acid Cation Resin
- Skid -Mounted Schedule 80 PVC Face Piping
- PVC Hub Radial/Header Lateral Internals
- Cast Iron Butterfly Valves with Stainless Steel Disc and EPDM Seat or Ball Valves
- Thermal Safety Valve
- Inlet/Outlet/Pressure Gauges
- NEMA 4 Carbon Steel Local Control Box
- PLC Controls

## UPGRADE OPTIONS

- 150 PSI Tank
- Site Glass Windows
- ASME Stamped Carbon Steel Tank
- Composite FRP Tank to 118" Diameter
- Welded Schedule 40 CS or Schedule 10 SS Piping
- DP Switch across the Bed
- Signet Flow Meter
- Brine Maker
- Brine Solution Tank
- Brine Regeneration Pump
- NEMA 4X Enclosure



## Water Softening

### GENERAL

WATERTRAK™ Softeners are available in wide range of sizes, materials of construction, and configurations to meet all of your softening needs.

They can be ordered either as a stand-alone unit or integrated into the most complex of control systems.

Base unit includes Brine Ejector System for regeneration. Optional Brine Maker and Common Regen System can be offered for multiple or large size softener units.

Normally filtered water will have commercial zero total hardness (<5 PPM as CaCO<sub>3</sub>) considering feed hardness of up to 300 PPM and TDS up to 500 PPM. Please contact us for applications beyond this range.

### APPLICATIONS

- Hardness Reduction
- Iron Removal
- Trace Metals Removal



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Sodium Softener										
Model #	Vessel Size	Service Flow Range	Backwash Flow Rate (Temp. dependent)	PIPING SIZE (Inches)		Resin Volume (FT3)	Shipping weight	Dimensions (Inches)		
	(Dia x SS)	(GPM)	(GPM)	SEV	BW	(FT3)	(LBS)	A	B	C
<b>CARBON STEEL VESSEL</b>										
C-SOFT-02472-22C	2'-0" x 6'	9 - 47	18	2	2	9.4	1800	169	88	102
C-SOFT-03072-22C	2'-6" x 6'	15 - 74	28	2	2	14.7	1900	169	88	108
C-SOFT-03672-32C	3'-0" x 6'	21 - 106	41	3	2	21.2	2000	171	90	107
C-SOFT-04272-32C	3'-6" x 6'	29 - 144	55	3	2	28.9	2300	174	90	113
C-SOFT-04872-32C	4'-0" x 6'	38 - 188	72	3	2	37.7	2500	177	90	110
C-SOFT-05472-43C	4'-6" x 6'	48 - 239	91	4	3	47.7	2800	181	100	141
C-SOFT-06072-43C	5'-0" x 6'	59 - 295	113	4	3	58.9	3000	181	100	148
C-SOFT-06672-43C	5'-6" x 6'	71 - 356	136	4	3	71.3	3200	185	100	154
C-SOFT-07272-63C	6'-0" x 6'	85 - 424	163	6	3	84.8	3600	190	100	160
C-SOFT-07872-64C	6'-6" x 6'	100 - 498	190	6	4	99.5	3800	194	110	152
C-SOFT-08472-64C	7'-0" x 6'	115 - 577	221	6	4	115.5	4000	198	110	158
C-SOFT-09072-64C	7'-6" x 6'	133 - 663	253	6	4	132.5	4200	204	110	165
C-SOFT-09672-64C	8'-0" x 6'	151 - 754	288	6	4	150.8	4300	210	110	170
C-SOFT-10872-86C	9'-0" x 6'	191 - 954	365	8	6	190.9	4800	252	120	190
C-SOFT-12072-86C	10'-0" x 6'	236 - 1178	450	8	6	235.6	5000	260	120	200
<b>COMPOSITE VESSEL</b>										
F-SOFT-02472-1515	2'-0" x 6'	9 - 38	18	1.5	1.5	9.4	1200	169	88	102
F-SOFT-03072-215V	2'-6" x 6'	15 - 60	28	2	1.5	14.7	1300	169	88	108
F-SOFT-03672-215V	3'-0" x 6'	21 - 85	41	2	1.5	21.2	1300	171	90	107
F-SOFT-04272-32V	3'-6" x 6'	29 - 115	55	3	2	28.9	1500	174	90	113
F-SOFT-04772-32V	3'-11" x 6'	38 - 145	69	3	2	36.1	1600	177	90	110
F-SOFT-05572-43V	4'-7" x 6'	50 - 200	95	4	3	49.5	1800	181	100	148
F-SOFT-06372-43V	5'-3" x 6'	65 - 260	124	4	3	64.9	1900	185	100	154
F-SOFT-07172-43V	5'-11" x 6'	85 - 330	158	4	3	82.5	2000	190	100	160
F-SOFT-07972-63V	6'-7" x 6'	105 - 410	195	6	3	102.1	2200	198	110	158
F-SOFT-09372-64V	7'-9" x 6'	142 - 570	270	6	4	141.5	2500	210	110	170
F-SOFT-11872-86V	9'-10" x 6'	230 - 915	435	8	6	227.8	2800	260	120	200

