

MFT SERIES

TWIN ALTERNATING WATER SOFTENERS

WCC's "MFT" Series softeners feature 1½" service connections, heavy duty electronic (dual-service) control valves, two (2) high-strength fiberglass-reinforced mineral tanks, and long-lasting synthetic cation resin. This series is perfectly designed for apartments, hotels, commercial laundry, schools, hospitals, and other applications where 24 hour soft water is required. "MFT" Series softeners feature a dual tank, alternating system, allowing one tank to be in service at all times. Available options include steel resin tanks and specialty filtration systems.



SPECIFICATIONS

Model Series Number	Exchange Capacity Per Tank* (grains)			Valve Size (in)	Cv	Flow Rate (GPM)			Pipe Size (in)		Back Wash (GPM)	Resin (cu.ft.)	Brine Tank Capacity (lbs)	Regen. Time (min)	Tank Size (in)		Approx. Ship Weight (lbs)
	Min ¹	Mid ²	Max ³			7 psid	Cont. 15 psid	Peak 25 psid	Service	Drain					Resin	Salt	
MFT-90	69000	81000	90000	1.5	8.4	22	30	42	1.5	¾	5	3/tank	650	90	14 X 65	24 x 50	625
MFT-120	92000	108000	120000	1.5	9	24	33	45	1.5	¾	7	4/tank	650	92	16 X 65	24 x 50	725
MFT-150	115000	135000	150000	1.5	8.2	22	30	41	1.5	¾	5	5/tank	625	94	16 X 65	24 x 50	850
MFT-180	138000	162000	180000	1.5	10.2	27	40	51	1.5	1	12	6/tank	600	90	21 X 62	24 x 50	1175
MFT-210	161000	189000	210000	1.5	10	27	39	50	1.5	1	10	7/tank	575	92	21 X 62	24 x 50	1300
MFT-240	184000	216000	240000	1.5	11.2	30	42	56	1.5	1	15	8/tank	900	94	24 X 72	30 x 50	1450
MFT-300	230000	270000	300000	1.5	10.8	29	40	54	1.5	1	12	10/tank	850	96	24 X 72	30 x 50	1675

¹ Based on 7 lbs salt per cubic foot.

² Based on 10 lbs salt per cubic foot.

³ Based on 13 lbs salt per cubic foot.

All "MFT" Series softeners utilize series 9500 SXT controllers..

*Exchange capacity based on treating water with 10 gpg total hardness as CaCo3 and 400 ppm total dissolved solids. Capacities may vary with different influent water characteristics and other factors. Due to varying water conditions, tank sizes and water pressures, the above should only be used as a guideline. Capacity listed is per tank, and should therefore be multiplied by 2 for total system capacity.

WITH OVER 50 YEARS OF EXPERIENCE IN THE WATER CONDITIONING AND PLUMBING INDUSTRIES, WCC CAN DESIGN AND MANUFACTURE EQUIPMENT FOR VIRTUALLY ANY APPLICATION. WE OFFER A COMPLETE MENU OF SERVICES, INCLUDING WATER TESTING, SYSTEM SIZING, BIM MODELING (REVIT®), DELIVERY, SETUP, STARTUP, AND AFTER-MARKET SERVICE PLANS. WE MAINTAIN A UNIQUE FOCUS ON MECHANICAL ENGINEERS, CONTRACTORS, AND THE PLUMBING INDUSTRY. DEPEND ON US TO PROVIDE QUALITY, INNOVATIVE SOLUTIONS FOR ALL YOUR COMMERCIAL WATER CONDITIONING NEEDS.

HOW TO SPECIFY “MFT” SERIES SOFTENERS:

ORDER CODE:



MODEL (from other side)

SYSTEM SIZE

Two Tank (Alternating): **TWIN - ALT**

Additional Options: (check options below)

- Steel Tank(s) (optional ASME Rating)
- Accu-Pipe Skid-Mounted System (pre-plumbed*, pre-wired system, mounted on heavy-duty powder-coated steel skid)
- Accu-Pipe LS: Same as Accu-Pipe System, less skid base (piping/wiring only)
- Brine Silo (large volume salt storage / brine generation & delivery system)
- Salt Sock and Access Door (lockable) for blow-in salt delivery

*Standard piping is grooved, type L copper, other materials available.

For a detailed, model-specific specification, please contact WCC (Water Control Corporation). Detailed drawings also available upon request (CAD® or Revit®).

Water softening system requires a minimum inlet water pressure of 30 psig and maximum of 120 psig. If resin tank is subject to vacuum, an adequate vacuum relief valve must be properly installed. Tank warranty is void if subjected to vacuum. Feed water temperature shall be between 40°F and 100°F. Each control valve requires a 120 volt wall outlet (2-prong, 1.3FLA, 60Hz).



CONTACT YOUR LOCAL SALES REPRESENTATIVE

To find your authorized WCC representative, please visit: www.watercontrolinc.com/representative-locator/.



VISIT US ONLINE

Go to www.watercontrolinc.com, where you'll find detailed product specification info and application design questionnaires.



SPEAK DIRECTLY WITH ONE OF WCC'S DESIGN ENGINEERS

Call 1-866-405-1268 or email techsupport@watercontrolinc.com.

We look forward to working with you!

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