RESIDENTIAL WATER SOFTENERS

Dime Water, Inc. produces a full line of residential water softeners to compliment their line of commercial water conditioners. We utilize valves made by Fleck, Autotrol and Clack. All units have fiberglass wound polyethylene resin tanks, polyethylene brine tanks and cabinets, virgin 8% cross linked resin in the sodium form, and brine safety valves. Options include meters, protective tank jackets (shown), by-pass valves, various in/out fittings, and salt grids. Brine tanks measure 18" D. x 40" H. Cabinets measure 13.5"W x 23"Deep x 44"H.

We put the same quality and attention to detail into our residential products that we do for our commercial water conditioners and commercial reverse osmosis systems.

STANDARD WATER SOFTENERS

MODEL No.	GRAIN CAPACITY	CU. FT. RESIN	TANK SIZE DIA. X HT.	STYLE	FLOW RATE GPM	SHIP WEIGHT
DFT-16	16,000	0.5	8 X 44	2 TANK	9	60
DFT-24	24,000	0.75	8 X 44	2 TANK	10	80
DFT-32	32,000	1.0	9 X 48	2 TANK	12	90
DFT-48	48,000	1.5	10 X 54	2 TANK	14	115
DFT-64	64,000	2.0	12 X 48	2 TANK	16	150
DFT-80	80,000	2.5	13 X 54	2 TANK	17	185
CFT-16	16,000	0.5	8 X 35	CABINET	9	60
CFT-24	24,000	0.75	9 X 35	CABINET	10	80
CFT-32	32,000	1.0	10 X 35	CABINET	12	90
CFT-40	40,000	1.25	10 X 35	CABINET	15	115

HIGH EFFICIENCY WATER SOFTENERS

MODEL NUMBER	GRAINS CAPACITY	INCHES SIZE W X D X H	STYLE	FLOW RATE-GPM	SHIP WT. POUNDS
HE-1	30,000	14 x 24 x 44	Cabinet	7	80
HE-2	38,000	14 x 24 x 44	Cabinet	9	95
HE-2TT	38,000	28 x 18 x 42	Two Tank	9	90
HE-3	45,000	14 x 24 x 44	Cabinet	11	120
HE-3TT	45,000	30 x 18 x 42	Two Tank	11	115

SPECIFICATIONS

	HE-1	HE-2	HE-2TT	HE-3	HE-3TT
Cu. Ft. high efficiency Resin	0.85	1.1	1.1	1.32	1.32
Max. Capacity / Pounds Salt	30 / 12	38 / 16	38 / 16	45 / 20	45 / 20
Min. Capacity / Pounds Salt	12 / 3	15 / 3.5	15 / 3.5	18 / 4	18 / 4
Mineral tank Size D. X H.	8 x 35	9 x 35	9 x 35	10 x 35	10 x 35
Regeneration gallons minimum	15	25	25	30	30
Maximum water hardness GPG	30	35	35	40	40
Maximum FERROUS iron mg/l	3	4	4	5	5
Maximum flow to drain GPM	1.5	2	2	2	2

MINI WATER SOFTENERS

MODEL	GRAINS CAPACITY	STYLE	GPM FLOW RATE	SHIP WT.
MS-13 (Standard Softener)	13,000	CABINET	8	55 lbs.
MS-15HE (High Efficiency Softener)	15,000	CABINET	8	57 lbs.

HOT WATER SOFTENERS

MS-15HS	15,000	CABINET	10	60 lbs.
SS-24HS	24,000	TWO TANK	12	80 lbs.
SS-32HS	32,000	TWO TANK	13	90 lbs
SS-64HS	64,000	TWO TANK	16	140 LBS.

SPECIFICATIONS MINI AND HOT WATER SOFTENERS

	MS-13	MS-15HE	MS-15HS	SS-24HS	SS-32HS	SS-64HS
Max. Capacity KGR/Lbs. Salt	13/6	15/6	15/7.5	24/ 11	32/15	64/30
Min. Capacity KGR/Lbs. Salt	5/1.5	6/1.2	6.5/1.7	9.8/2.6	13/3.5	26/7
Mineral Tank Size – In. Dia. x Ht.	8 x 18	8 x 18	10 x 19	9 x 40	9 x 40	12 X 48
Resin Quantity – Cu. Ft.	0.4	0.4	0.5	0.75	1.0	2.0
Min. Operating Pressure – PSI	25	25	25	25	25	25
Max. Operating Pressure – PSI	100	100	75	75	75	75
Max. Operating Temp. – Deg. F.	100	100	160	160	160	160
Max. Flow to Drain - GPM	1.2	1.2	2.0	2.0	2.0	3.0
Max./Min. Water to Drain – Gal.	30/16	30/12	40/20	40/20	40/20	50/30
Max. Hardness – GPG	25	30	35	40	45	50
Max. Iron – PPM (Ferrous)	2	2	4	4	4	4
Size. Width inches	13.5	13.5	13.5	28	28	33
Depth inches	24	24	24	18	18	18
Height inches	29	29	29	48	48	56

IRON EATER WATER SOFTENERS

MODEL NUMBER	GRAINS CAPACITY	MEDIA CU. FT.	TANK SIZE	MAX. HARD. GRAINS (3)	MAX. IRON PPM (1)	SHIP WT POUNDS
IE-1	36,000	1.25	10 X 54	100	15	115
IE-1 HC	48,000	1.5O	10 X 54	110	20	130
IE-2	54,000	1.70	12 X 48	120	25	150

Note (1) Ferrous (clear) and ferric (red) water iron only. Colloidal (pale yellow), organic (hemi) and bacterial iron forms require additional and/or different treatment processes.
Note (2) Best results are achieved when salt with a cleaning additive is used or the unit is periodically cleaned with a commercially available iron cleaner. See www.mortonsalt.com.
Note (3) Compensated hardness (2x iron) + Hardness = Compensated hardness.

TANK ON TANK WATER TREATMENT SYSTEMS

By incorporating two tanks with one on top of the other, we are able to incorporate a variety of media into two separate chambers and use a single control valve. This keeps the total cost down, reduces the installation time and minimizes the space required. It is critical to have a good water analysis report or submit a sample to us so that we know exactly what is in the water. Then it is important to follow flow rules, salt setting and frequency of regeneration.

MODEL	**APPLICATION**
TOT-10-NE/SE/FE	Iron (1), Manganese, H2S (3), Nitrates/Sulfates, Hardness
TOT-10-TE/FE	Iron (1), Manganese, H2S (3), Tannins, Hardness
TOT-10-HE/FE	H2S (3), Iron (2), Hardness
TOT-10-LLTO/HS	Long Life Taste& Odor, Hardness

All units have the Fleck 5000SE valve and electronic meter. Units have 18" diameter x 40" high brine tank with brine overflow safety valve.

SPECIFICATIONS

MODEL TOT-10-		NE/SE/FE	TE/FE	HE/FE	LLTO/HS
Max. Flow Rate (4)	GPM	10	10	10	10
Max. Iron + Manganese	mg/l	8(1)	8(1)	5(2)	3(2)
Max. Hardness	Grains/Gallon	25	25	25	35
Hardness Capacity	Kilo Grains	16	16	35	32
Salt per regeneration	lbs.	8	8	15	15
Max. Flow to Drain	GPM	7	7	3	3
Unit Height	inches	---------- 68 ----------			
Ship weight	lbs.	150	150	120	120
Minimum Water Pressure	PSI	----------25----------			
Salt Storage	lbs.	----------350----------			
Carbon Capacity	Gallons	N/A	N/A	500,000	1,500,000
Max. Nitrate + Sulfate	mg/l	500	N/A	N/A	N/A
Max. Hydrogen Sulfide(3)	mg/l	7	7	7	N/A
Max. Tannins	mg/l	N/A	5	N/A	N/A

Notes:

(1)Ferrous (clear as drawn) and ferric (red/orange as drawn) iron **only.** Consult factory if water has colloidal (yellow), organic (slowly developing iron test results) or bacterial (slimy) iron. Additional treatment will be required. Manganese forms parallel iron forms.

(2)Ferrous (clear when drawn) iron **only.** Manganese will also be clear when drawn.

(3)Naturally occurring Hydrogen sulfide only. In many locations the gas is formed as a by-product of bacteria in contact with sulfur. This source of Hydrogen Sulfide must be treated by alternative means such as well chlorination, chlorine feed, etc.

(4)Typical residential or light commercial intermittent flows. Not to be used on irrigation systems or constant flow applications.