

Commercial Water Filter System

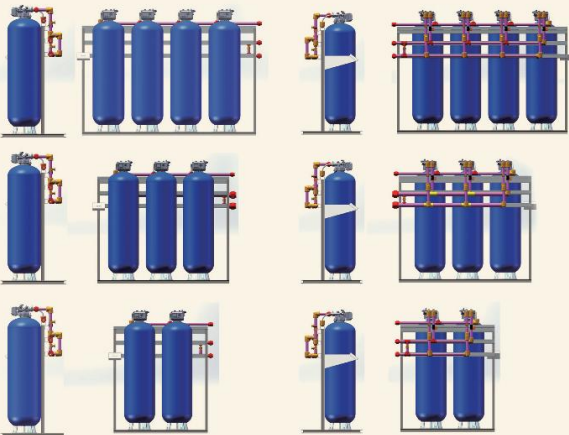
VALVE FILTERS								
MODEL	TANK SIZE	VALVE INLET CONNECTORS INCH	Service Flow Rates - GPM		BACKWASH FLOW RATE GPM	DRAIN SIZE INCH	MEDIA VOLUME CF	BED DEPTH INCH
			NORMAL	PEAK				
CNN-1252	1252	1" / 1.25" / 1.5" NPT	2.3	4.5	8	3/4" NPT	2.0	31.9
CNN-1354	1354	1" / 1.25" / 1.5" NPT	2.7	5.3	11	3/4" NPT	2.5	33.8
CNN-1465	1465	1" / 1.25" / 1.5" NPT	3.1	6.2	14	3/4" NPT	3.0	34.9
CNN-1865	1865	1" / 1.25" / 1.5" NPT	4.1	8.1	18	3/4" NPT	4.0	35.5
CNN-1885	1885	1" / 1.25" / 1.5" NPT	5.2	10.3	22	1" NPT	5.0	34.9
CNN-2182	2182	1" / 1.25" / 1.5" NPT	7.0	14.1	24	1" NPT	7.0	35.8
CNN-2472	2472	1" / 1.25" / 1.5" NPT	9.2	18.5	40	1" NPT	10.0	39.0

BIRM								
MODEL	TANK SIZE	VALVE INLET CONNECTORS INCH	Service Flow Rates - GPM		BACKWASH FLOW RATE GPM	DRAIN SIZE INCH	MEDIA VOLUME CF	BED DEPTH INCH
			NORMAL	PEAK				
CBM-1252	1252	1" / 1.25" / 1.5" NPT	3.8	7.5	8	3/4" NPT	2.0	31.9
CBM-1354	1354	1" / 1.25" / 1.5" NPT	4.4	8.9	11	3/4" NPT	2.5	33.8
CBM-1465	1465	1" / 1.25" / 1.5" NPT	5.2	10.3	14	3/4" NPT	3.0	34.9
CBM-1865	1865	1" / 1.25" / 1.5" NPT	6.8	13.5	18	3/4" NPT	4.0	35.5
CBM-1885	1885	1" / 1.25" / 1.5" NPT	8.8	17.2	22	1" NPT	5.0	34.9
CBM-2182	2182	1" / 1.25" / 1.5" NPT	11.7	23.5	24	1" NPT	7.0	35.8
CBM-2472	2472	1" / 1.25" / 1.5" NPT	15.4	30.8	40	1" NPT	10.0	39.0

MULTI-MEDIA FILTERS								
MODEL	TANK SIZE	VALVE INLET CONNECTORS INCH	Service Flow Rates - GPM		BACKWASH FLOW RATE GPM	DRAIN SIZE INCH	MEDIA VOLUME CF	BED DEPTH INCH
			DOMESTIC	INDUSTRIAL				
CMH-1252	1252	1" / 1.25" / 1.5" NPT	3.8	2.3	11	3/4" NPT	2.0	31.9
CMH-1354	1354	1" / 1.25" / 1.5" NPT	4.4	2.7	14	3/4" NPT	2.5	33.8
CMH-1465	1465	1" / 1.25" / 1.5" NPT	5.2	3.1	18	3/4" NPT	3.0	34.9
CMH-1865	1865	1" / 1.25" / 1.5" NPT	6.8	4.1	22	1" NPT	4.0	35.5
CMH-1885	1885	1" / 1.25" / 1.5" NPT	8.8	5.2	24	1" NPT	5.0	34.9

CARBON FILTERS								
MODEL	TANK SIZE	VALVE INLET CONNECTORS INCH	Service Flow Rates - GPM		BACKWASH FLOW RATE GPM	DRAIN SIZE INCH	MEDIA VOLUME CF	BED DEPTH INCH
			NORMAL	3.0 MINUTE EMPTY BED CONTACT TIME				
CAC-1252	1252	1" / 1.25" / 1.5" NPT	3.8	5.0	8	3/4" NPT	2.0	31.9
CAC-1354	1354	1" / 1.25" / 1.5" NPT	4.4	6.2	11	3/4" NPT	2.5	33.8
CAC-1465	1465	1" / 1.25" / 1.5" NPT	5.2	7.5	14	3/4" NPT	3.0	34.9
CAC-1865	1865	1" / 1.25" / 1.5" NPT	6.8	10.0	18	3/4" NPT	4.0	35.5
CAC-1885	1885	1" / 1.25" / 1.5" NPT	8.8	12.5	22	1" NPT	5.0	34.9
CAC-2182	2182	1" / 1.25" / 1.5" NPT	11.7	17.5	24	1" NPT	7.0	35.8
CAC-2472	2472	1" / 1.25" / 1.5" NPT	15.4	24.9	40	1" NPT	10.0	39.0

GREENSAND FILTERS								
MODEL	TANK SIZE	VALVE INLET CONNECTORS INCH	Service Flow Rates - GPM		BACKWASH FLOW RATE GPM	DRAIN SIZE INCH	MEDIA VOLUME CF	BED DEPTH INCH
			NORMAL	PEAK				
CGM-1252	1252	1" / 1.25" / 1.5" NPT	3.8	7.5	8	3/4" NPT	2.0	31.9
CGM-1354	1354	1" / 1.25" / 1.5" NPT	4.4	8.9	11	3/4" NPT	2.5	33.8
CGM-1465	1465	1" / 1.25" / 1.5" NPT	5.2	10.3	14	3/4" NPT	3.0	34.9
CGM-1865	1865	1" / 1.25" / 1.5" NPT	6.8	13.5	18	3/4" NPT	4.0	35.5
CGM-1885	1885	1" / 1.25" / 1.5" NPT	8.8	17.2	22	1" NPT	5.0	34.9
CGM-2182	2182	1" / 1.25" / 1.5" NPT	11.7	23.5	24	1" NPT	7.0	35.8
CGM-2472	2472	1" / 1.25" / 1.5" NPT	15.4	30.8	40	1" NPT	10.0	39.0



All Systems are Factory Assembled & Tested

MTS systems come with 1" thru 2" inlet / outlet connections providing recommended service flow rates at minimal pressure loss.

Operating Conditions

Pressure Range 25 to 125 psi
 Temperature Up to 110 deg. F
 Electrical 120V / 50/60Hz
 Check with factory for other operating conditions.

www.ewtechnologies.ie



Multiple Tanks System

COMMERCIAL & INDUSTRIAL WATER SYSTEM

High Flow BNT 950 Control Valves
 Feature BNT950 control valve

Tough Corrosion Resistant Pressure Vessels
 NSF approved mineral tanks

Durable Brine Tanks
 High density polyethylene brine tanks

High Capacity Resin
 Premium NSF 44 approved 8% cation ion exchange resin.

For applications such as:
 Apartments - Boiler Treatment - Motels - School
 Nursing - Homes Office Buildings - Condominiums
 Factories - Hospital - R/O Pre-Treatment



MTS System
 Shown with pre-loaded, skid mounted, pre-piped and pre-wired

The MTS (Multiple Tank Systems) provide continuous soft water 24 hours a day.

They are engineered and thoroughly tested to provide years of reliable, trouble free performance with a minimum of maintenance.

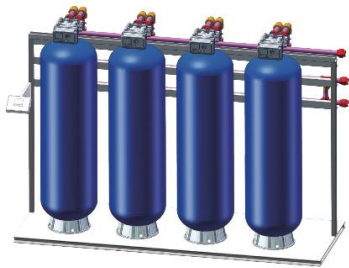


EWT Water Specialists
 Unit 215, Blanchardstown
 Corporate Park 2, Ballycoolin,
 Dublin 15 Ireland
 Eircode D15 Y652

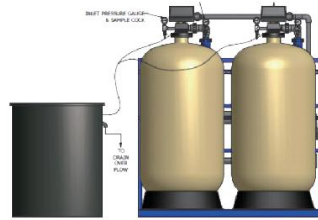
✉ support@ewtechnologies.com

🌐 www.ewtechnologies.ie

Competitive Advantages:



BNT-95 Control Valve

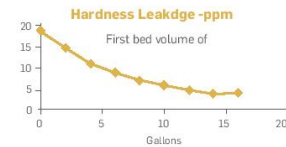


Brine Tank

Large Tank

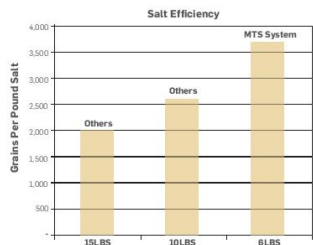
No hardness leaking and offer Consistent high quality soft water

- MTS systems provide continuous soft water all day, alone.
- MTS systems can detect flow rates under 1gpm, which make system precise operation.
- MTS systems can provide up to 9 hours soft water when power outages.
- MTS systems can automatically divert the first 10-15 gallons of water to drain to insure no hardness is passed into the service line
- MTS systems have a small pump recycles water when the system flow rate drops below the set point, This keeps the product water "polished" so no hardness can leak to the service line.



Lower Cost

- MTS systems cost up to 25% less.
- MTS systems are engineered to operate at high efficiency salt settings resulting in salt savings of 30% - 45%.



More Flexibility

- MTS systems with smaller tanks have equal flow rate and capacity compared to large tank & brass valve systems.
- MTS systems can be expanded quickly. Additional tanks can be added to increase the capacity of the systems, when investments change or the soft water needing change.
- According to the consumption of soft water, MTS systems can be equipped by multiple tank size.

Easier to install

- MTS systems are easier to install and less occupied area.
- The main controller of MTS systems is installed at a convenient to use location rather than on top the tall tanks

High Performance

- Reduced "Hardness Channeling" at low flow rates
- MTS flow meters can accurately measure low flow rates
- Progressive Flow / Demand Flow operation
- Battery back up system can meter water for up to 9 hours during power outage
- Monitors and forecasts water usage. Automatically increases the system capacity for peak flow periods
- 2 Extra programmable output relays (i.e. chemical pump)
- Advanced system diagnostics for easy trouble shooting

Commercial Water Softener System

CONT INDU FLOW RATE (GPM -15psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)						
MTS2		10	15	20	25	30	40	50
CF / TANK		10	15	20	25	30	40	50
MTS2-3 (14x65)		18	12	9	7	6	5	4
MTS2-4 (18x65)		23	18	12	10	8	6	5
MTS2-5 (18x65)		25	20	15	12	10	8	6

CONT INDU FLOW RATE (GPM -15psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)						
MTS3		10	15	20	25	30	40	50
CF / TANK		10	15	20	25	30	40	50
MTS3-3 (14x65)		37	24	18	15	12	9	7
MTS3-4 (18x65)		46	33	24	20	18	12	10

CONT INDU FLOW RATE (GPM -15psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)						
MTS4		10	15	20	25	30	40	50
CF / TANK		10	15	20	25	30	40	50
MTS4-3 (14x65)		55	37	29	22	18	14	11
MTS4-4 (18x65)		69	48	37	29	24	18	15
MTS4-5 (18x65)		75	61	48	37	31	23	18
MTS4-6 (21x62)		80	73	55	44	37	28	22
MTS4-7 (21x62)		78	78	64	51	43	32	26
MTS4-8 (24x72)		81	81	73	59	49	37	29
MTS4-9 (24x72)		81	81	81	66	55	41	33
MTS4-10 (24x72)		80	80	80	73	61	46	37

PEAK CONT INDU FLOW RATE (GPM -25psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)					INSTANTANEOUS PEAK FLOW RATE (GPM-25psi PRESSURE DROP)	
MTS2		10	15	20	25	30		40
CF / TANK		10	15	20	25	30	40	50
MTS2-3 (14x65)		28	18	14	11	9	7	6
MTS2-4 (14x65)		31	24	18	15	12	9	7
MTS2-5 (18x65)		33	31	23	18	15	11	9

MAX CONT INDU FLOW RATE (GPM -25psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)					INSTANTANEOUS PEAK FLOW RATE (GPM-25psi PRESSURE DROP)	
MTS3		10	15	20	25	30		40
CF / TANK		10	15	20	25	30	40	50
MTS3-3 (14x65)		55	37	28	22	18	14	11
MTS3-4 (18x65)		61	49	37	29	24	18	15

MAX CONT INDU FLOW RATE (GPM -25psi PRESSURE DROP)		HARDNESS (GRAINS PER GALLON)					INSTANTANEOUS PEAK FLOW RATE (GPM-25psi PRESSURE DROP)	
MTS4		10	15	20	25	30		40
CF / TANK		10	15	20	25	30	40	50
MTS4-3 (14x65)		83	55	41	33	28	21	17
MTS4-4 (18x65)		92	73	55	44	37	28	22
MTS4-5 (18x65)		100	92	69	55	46	34	28
MTS4-6 (21x62)		105	105	83	66	55	41	33
MTS4-7 (21x62)		104	104	96	77	64	48	39
MTS4-8 (24x72)		107	107	107	88	73	55	44
MTS4-9 (24x72)		106	106	106	99	83	62	50
MTS4-10 (24x72)		105	105	105	105	92	69	55

System	#Tanks	Tank Size	CF/Brn per Tank	Block Wash Flow Rate (gpm)
MTS_3	2,3,4	14x65	3	5
MTS_4	2,3,4	18x65	4	6
MTS_5	2,3,4	18x65	5	8
MTS_6	2,3,4	21x62	6	12
MTS_7	2,3,4	21x62	7	12
MTS_8	2,3,4	24x72	8	15
MTS_9	2,3,4	24x72	9	15
MTS_10	2,3,4	24x72	10	15

SYSTEM	Foot Print (in)		Brine Tank Size	Salt Storage
	Length-A	Width-B		
MTS2-3,4,5	43	30	18x40	600
MTS2-6,7,8,9,10	55	36	18x40	600
MTS3-3,4,5	62	30	18x40	600
MTS3-6,7,8,9,10	80	36	18x40	600
MTS4-3,4,5, (X2)	43	30	18x40	600
MTS4-6,7,8,9,10 (X2)	55	36	18x40	600