

Home Water Softener

Many water supplies contain hardness resulting in minerals and elements to build up inside pipes, valves, fixtures and appliances and may cause unpleasant taste. Water softeners remove these minerals such as excessive calcium and magnesium.

With a highly efficient Martin Water Softener, you'll help protect your plumbing and appliances from hard water damage, protect pipes from scaling, corrosion and clogging. You will use less soap when you clean and save time by not rewashing spotted dishes and glassware, the dishes will be cleaner, and spotless.

- Soft water extends appliance life and can reduce energy costs. Hard water produces scale build-up in plumbing and appliances, which can force appliances to work harder, consume more energy and ultimately lead to a shorter life span—costing you more money. For example, water heaters last up to 50% longer and consume up to 29% less energy with softened water.
- Soft water helps clothes and dishes look better and skin feel smoother, softer and less dry. Soft water lathers better and requires less detergent for laundry; it also allows soap to rinse better, producing brighter, softer clothes and clean, spot-free dishes.
- Soft water even helps household fixtures look better. The same build-up that occurs inside a home's plumbing also occurs on faucets, showerheads, showers and drains, making them dingy and harder to clean.
- Martin Water Softeners are energy efficient and contribute to a better environment. In addition, all systems utilise Demand Initiated Regeneration with Salt Saving Technology so the system only recharges when necessary, saving salt and water. Most units sold in Australia regenerate based on time – whether they need to or not.

Features

- Martin Auto valve head
- FRP tank with PE inner shell, SS Jacket available for some models
- Easy installation and low maintenance, Long life and great performance
- All data below is calculated based on the raw water hardness of 150mg/L



Product Code	MT-SFN-835	MT-SFN-835-SS JK	MT-SFN-1017	MT-SFN-1035	MT-SFN-1054	MT-SFN-1054-SSJK
Flow Rate at 3bar(m ³ / h)	1.0	1.0	1.0	1.5	1.5	1.5
Max. Flow at 3bar(m ³ / h)	1.5	1.5	1.2	2.0	2.5	2.5
Working Temperature(°C)	5~38	5~38	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Control Valve	056A/DB-STC	056A/DB-STC	056A/DB-STC	056A/DB-STC	056A/DB-STC	056A/DB-STC
Tank Size(in)	0835	0835	1017	1035	1054	1054
Resin Capacity (L) (Excluding)	16.5	16.5	11	25	42	42
Continuous Softening Capacity(m ³)	5.0	5.0	3.0	7.0	13.0	13.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6	≤0.6	≤0.6
Brine Tank	80L / 60L					
SS Jacket	N/A	YES	N/A	N/A	N/A	YES

Cabinet Home Water Softener A Series

Product Code	MT-RA-500A1	MT-RA-500A
Flow Rate at 3bar(m ³ / h)	0.5	0.5
Max. Flow at 3bar(m ³ / h)	0.5	0.8
Working temperature(°C)	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"
Control Valve	F79D-R	F79D-R
Tank Size(in)	0713	0717
Resin Capacity (L)	4.0	5.5
Continuous softening Capacity(m ³)	1.0	1.5
Outlet Hardness (mmol/ L)	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A	
Size(mm)	380×230×505	380×230×595



- The above spec is the standard design of the Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Product Code.	MT-RA-1000B	MT-RA-1500B	MT-RA-500C	MT-RA-1000C
Flow Rate at 3bar(m ³ / h)	1.0	1.5	0.5	1.0
Max. Flow at 3bar(m ³ / h)	1.2	2.0	1.0	1.5
Working Temperature(°C)	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"
Control Valve	F79D-R	F79D-R	MT-F79D-R	MT-F79D-R
Tank Size(in)	1017	1035	0817	0835
Resin Capacity (L)	11	25	7.5	16.5
Continuous Softening Capacity(m ³)	3.0	7.0	2.0	5.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A			
Size(mm)	525x325x615	525x326x1070	440x260x625	440x260x1090



- The above spec is the standard design of Hydroflow water softener
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- OEM service is welcome

Cabinet Home Water Softener D Series

Product Code.	MT-RA-500D	MT-RA-1000D
Flow Rate at 3bar(m ³ / h)	0.5	0.8
Max. Flow at 3bar(m ³ / h)	0.8	1.2
Working Temperature(°C)	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"
Control Valve	F79/F70D	F79/F70D
Tank Size(in)	0815	1017
Resin Capacity (L)	7.0	12.5
Continuous Softening Capacity(m ³)	1.9	3.4
Outlet Hardness (mmol/ L)	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A	
Size(mm)	250x280x566	280x280x566



MT-RA-500D



MT-RA-1000D

- The above spec is the standard design of Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Cabinet Home Water Softener E / EOSeries

Product Code.	MT-RA-1000E	MT-RA-1500E	MT-RA-1000EO	MT-RA-1500EO
Flow Rate at 3bar(m ³ / h)	0.8	1.5	1	1.5
Max. Flow at 3bar(m ³ / h)	1.2	2.0	1.2	2.0
Working Temperature(°C)	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"
Control Valve	F79/F70D	F79/F70D	F79/F70D	F79/F70D
Tank Size(in)	1017	1035	1017	1035
Resin Capacity (L)	12.5	28.0	12.5	28.0
Continuous Softening Capacity(m ³)	3.4	7.5	3.0	7.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A			
Size(mm)	490x371x582	492x410x1045	490x371x600	492x410x1064



MT-RA-1000E

MT-RA-1500E

MT-RA-1000EO

MT-RA-1500EO

- The above spec is the standard design of Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Product Code.	MT-RA-1000G	MT-RA-1500G	MT-RA-1000H	MT-RA-1500H
Flow Rate at 3bar(m ³ / h)	10	1.5	0.8	1.5
Max. Flow at 3bar(m ³ / h)	1.2	2.0	1.0	2.0
Working Temperature(°C)	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"
Control Valve	F79/F70D	F79/F70D	F79/F70D	F79/F70D
Tank Size(in)	1017	1035	0917	1035
Resin Capacity (L)	12.5	28.0	11.0	23.0
Continuous Softening Capacity(m ³)	/	/	2.8	6.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A			
Size(mm)	436x410x600	436x410x1060	470x320x598	480x312x105



MT-RA-1500G MT-RA-1000G



MT-RA-1500H MT-RA-1000H

- The above spec is the standard design of Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Product Code.	MT-RA-1000I	MT-RA-1500I	MT-RA-1000J	MT-RA-1500J
Flow Rate at 3bar(m ³ / h)	0.8	1.5	0.8	1.2
Max. Flow at 3bar(m ³ / h)	1.2	2.0	1.0	1.5
Working Temperature(°C)	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"
Control Valve	F79/F70D	F79/F70D	F79/F70D	F79/F70D
Tank Size(in)	1017	1035	0917	0935
Resin Capacity (L)	12.5	28.0	11.0	23.0
Continuous Softening Capacity(m ³)	/	/	2.8	6.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A			
Size(mm)	490x400x596	490x400x1055	470x320x598	475x325x1055



MT-RA-1000I

MT-RA-1500I



MT-RA-1000J



MT-RA-1500J

- The above spec is the standard design of Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Cabinet Home Water Softener CBT Series

Product Code	MT-SFN-1017-CBT	MT-SFN-1035-CBT	MT-SFN-835-CBT
Flow Rate at 3bar(m ³ / h)	1.0	1.5	1
Max. Flow at 3bar(m ³ / h)	1.2	2.0	1.5
Working temperature(°C)	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"
Control Valve	MT-056A/DB-STC	MT-056A/DB-STC	MT-056A/DB-STC
Tank Size(in)	1017	1035	835
Resin Capacity (L)	11	25	16.5
Continuous softening Capacity(m ³)	3.0	7.0	5.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6
Power	Input AC 100-240V/50-60Hz, Output DC 12V 1.5A		
Size(mm)	330×470×660	330×470×1100	440×260×1090



MT-SFN-1017-CBT/ MT-SFN-1035-CBT

MT-SFN-835-CBT

- The above spec is the standard design of Hydroflow water softener
- Smart control valve which is easy to operate
- OEM service is welcome

Central Water Filtration System

The Central Water Filtration System uses superior, patented technology to provide healthier and cleaner water throughout your entire home. This system filters out contaminants and sediment that can adversely affect the taste, odor and appearance of your home's water.

Central Water Filtration Provides:

- Excellent drinking water, Experience great tasting water at a fraction of the cost of bottled water and eliminate the cost and inconvenience of replacing filters.
- Extended Appliance Life, The Central Water Filtration System filters out sediment particles that can build up in your home's plumbing and major appliances, helping to maintain household water pressure and increasing the performance and life expectancy of your valuable appliances.
- Softer Hair & Skin, Most municipalities add chlorine to the water supply. Chlorine can damage and dry your skin and hair, and may give off an unpleasant odor. The Central Water Filtration System filters out chlorine and reduces the harmful affects to your hair and skin.

Features

- Water filters are featured with fine sand and activated carbon
- Martin Mechanical Valve, Manual Valve, Digital Valve and Fleck Valve available
- FRP tank with PE inner shell, SS Jacket available for some models
- Easy installation and low maintenance, Long life and great performance



Product Code	MT-FTR-835	MT-FTR-835-SSJK	MT-FTR-1017	MT-FTR-1035	MT-FTR-1054	MT-FTR-1054-SSJK
Flow Rate at 3bar(m ³ / h)	1.0	1.0	1.0	1.5	1.5	1.5
Max. Flow at 3bar(m ³ / h)	1.5	1.5	1.2	2.0	2.5	2.5
Working Temperature(°C)	5~38	5~38	5~38	5~38	5~38	5~38
working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Control Valve	056A/DB-ST C	056A/DB-STC	056A/DB-ST C	056A/DB-ST C	056A/DB-ST C	056A/DB-STC
Tank Size(in)	0835	0835	1017	1035	1054	1054
Fine Sand Volume (kg)	25	25	22	35	65	65
AC Volume (kg)	8	8	7	12	20	20
SS Jacket	N/A	YES	N/A	N/A	N/A	YES

Skid Water Filtration System

Martin Skid Water Filtration System uses superior, advanced technology to provide healthier and cleaner water throughout your entire home. This system filters out contaminants, sediment that can adversely affect the taste, odor and appearance of your home's water and hardness minerals elements like calcium and magnesium.

With a highly efficient Martin skid water filtration system, you'll help protect your plumbing and appliances from hard water damage, protect pipes from scaling, corrode and clogging up. Use less soap when you clean and save time by not rewashing spotted dishes and glassware, the dishes will be cleaner, and spotless.

Features

- Designed with a SS304 skid
- Water filters are featured with fine sand and activated carbon
- Water Softeners are featured with highly qualified resin.
- Martin Mechanical Valve, Manual Valve, Digital Valve and Fleck Valve available
- FRP tank with PE inner shell, SS Jacket available for some models
- 20" slim filter housing is designed for further protection and better water condition after the softener and filter.
- Easy installation and low maintenance, Long life and great performance

Product Code	MT-SAF-1054-SJ-SK-2	MT-SAF-1054-SK-2	MT-SAF-1054-SJ-SK-3	MT-SAF-1054-SK-3
Flow Rate at 3bar(m ³ / h)	1.5	1.5	1.5	1.5
Max. Flow at 3bar(m ³ / h)	2.5	2.5	2.5	2.5
Working Temperature(°C)	5~38	5~38	5~38	5~38
Working Pressure(MPa)	0.15~0.6	0.15~0.6	0.15~0.6	0.15~0.6
Inlet & Outlet	3/4"	3/4"	3/4"	3/4"
Control Valve	056A/DB-STC, FTC	056A/DB-STC, FTC	056A/DB-STC, FTC	056A/DB-STC, FTC
Tank Size(in)	1054X2	1054X2	1054X3	1054X3
Resin Capacity (L)	42	42	42	42
Fine Sand Volume (kg)	65	65	65	65
Activated Carbon Volume (kg)	20	20	20	20
Continuous Softening Capacity(m ³)	10.0	10.0	10.0	10.0
Outlet Hardness (mmol/ L)	≤0.6	≤0.6	≤0.6	≤0.6
Brine Tank	80L			
SS Jacket	YES	N/A	YES	N/A
Power	Input AC 100-240V/50-60Hz			
Size(mm)	130x50x160		160x50x160	



Home UF Filtration System

AVRO Skid Water Filtration System uses superior, patented technology to provide healthier and cleaner water throughout your entire home. This system filters out contaminants, sediment that can adversely affect the taste, odor and appearance of your home's water.

Features

- Designed with a SS304 skid
- Pre-filter with manual flushing prevent UF membranes from blocking.
- Double UF membranes featured with SS304 seamless housing
- Water proof electronic ball valves guarantee electricity safely in working environment.
- UF controller enables the system with automatic operation
- Timing setup functions available: flushing, backwashing and free-maintenance
- Cross-flow filtration technology, eliminate pollution.
- Easy installation and low maintenance, Long life and great performance



Product Code	Flux (0.1MPa,25°C)	UF Membeane	Mem. Quantity	Connection	Net Weight (kg)	Dimension (mm)
MT-UF-1	1T/H	MTUF-4021-ED	2	3/4" or 1"	10	500X120X700
MT-UF-2	2T/H	MTUF-4040-ED	2	3/4" or 1"	18	500X120X1200

