



# AQT-56 DIY SERIES

## SOFTENING AND FILTER SYSTEMS

Aquatrol "DIY Series" softeners and conditioners come with everything needed to assemble. These units utilize our AQT-56 series valves in multiple configurations for almost every residential application.

The BT-1633-100S square brine tank is complimented with the system to help save space. We include the by-pass valve (3/4" plastic) and all necessary items needed for assembly. The Aquatrol valve carries a 5 year warranty and the mineral tank is warranted for a period of 10 years.

The AQT-DIY series systems ship in 3 boxes and are available for drop shipping purposes to residential areas and can also be combined on pallets for multiple shipments.



### SOFTENING SYSTEMS

	Part Number	Description
SE METERED	SS-56SESM-0.75	Aquatrol Softener, AQT-56SESM, Electronic Meter, 3/4", 844, 24000 grain
	SS-56SESM-1	Aquatrol Softener, AQT-56SESM, Electronic Meter, 3/4", 948, 32000 grain
	SS-56SESM-1.5	Aquatrol Softener, AQT-56SESM, Electronic Meter, 3/4", 1054, 48000 grain
	SS-56SESM-1.75	Aquatrol Softener, AQT-56SESM, Electronic Meter, 3/4", 1252, 56000 grain
SE TIMER	SS-56SEST-0.75	Aquatrol Softener, AQT-56SEST, Electronic Timer, 3/4", 844, 24000 grain
	SS-56SEST-1	Aquatrol Softener, AQT-56SEST, Electronic Timer, 3/4", 948, 32000 grain
	SS-56SEST-1.5	Aquatrol Softener, AQT-56SEST, Electronic Timer, 3/4", 1054, 48000 grain
	SS-56SEST-1.75	Aquatrol Softener, AQT-56SEST, Electronic Timer, 3/4", 1252, 56000 grain
MECHANICAL METERED	SS-56SEST-2	Aquatrol Softener, AQT-56SEST, Electronic Timer, 3/4", 1354, 64000 grain
	SS-56SM-0.75	Aquatrol Softener, AQT-56SM, Meter, 3/4", 844, 24000 grain
	SS-56SM-1	Aquatrol Softener, AQT-56SM, Meter, 3/4", 948, 32000 grain
	SS-56SM-1.5	Aquatrol Softener, AQT-56SM, Meter, 3/4", 1054, 48000 grain
MECHANICAL TIMER	SS-56SM-1.75	Aquatrol Softener, AQT-56SM, Meter, 3/4", 1252, 56000 grain
	SS-56SM-2	Aquatrol Softener, AQT-56SM, Meter, 3/4", 1354, 64000 grain
	SS-56ST-0.75	Aquatrol Softener, AQT-56ST, Timer, 3/4", 844, 24000 grain
	SS-56ST-1	Aquatrol Softener, AQT-56ST, Timer, 3/4", 948, 32000 grain
	SS-56ST-1.5	Aquatrol Softener, AQT-56ST, Timer, 3/4", 1054, 48000 grain
	SS-56ST-1.75	Aquatrol Softener, AQT-56ST, Timer, 3/4", 1252, 56000 grain
	SS-56ST-2	Aquatrol Softener, AQT-56ST, Timer, 3/4", 1354, 64000 grain

### FILTER SYSTEMS

	Part Number	Description
MECHANICAL TIMER	FS-56FT-0.75	Aquatrol GAC Filter, AQT-56FT, Timer, 3/4", 844
	FS-56FT-1	Aquatrol GAC Filter, AQT-56FT, Timer, 3/4", 948
	FS-56FT-1.5	Aquatrol GAC Filter, AQT-56FT, Timer, 3/4", 1054
	FS-56FT-1.75	Aquatrol GAC Filter, AQT-56FT, Timer, 3/4", 1252
	FS-56FT-2	Aquatrol GAC Filter, AQT-56FT, Timer, 3/4", 1354
ELECTRONIC TIMER	FS-56FTSE-0.75	Aquatrol GAC Filter, AQT-56SEFT, Electronic Timer, 3/4", 844
	FS-56FTSE-1	Aquatrol GAC Filter, AQT-56SEFT, Electronic Timer, 3/4", 948
	FS-56FTSE-1.5	Aquatrol GAC Filter, AQT-56SEFT, Electronic Timer, 3/4", 1054
	FS-56FTSE-1.75	Aquatrol GAC Filter, AQT-56SEFT, Electronic Timer, 3/4", 1252
	FS-56FTSE-2	Aquatrol GAC Filter, AQT-56SEFT, Electronic Timer, 3/4", 1354



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# AQT-56

## PRODUCT SPECIFICATIONS

### AQT-56 Timer/Meter Control Valves

AQUATROL AQT-56 Timer/Meter Control Valves offer a rigid valve body made from Noryl material for a superior quality and durability. The AQT-56 Control Valves are low power consumption and have a precision piston-seal-spacer assembly. With a wide range of piston selections as well as a full series of DLFC/BLFC/Injector modules the AQT-56 can be customized to meet many requirements.



#### Models:

AQT-56ST:	Mechanical Softener Timer Control Valve
AQT-56SM:	Mechanical Softener Meter Control Valve
AQT-56FT:	Mechanical Filter Timer Control Valve

#### Flow Rate @ 50 psi (3.5 bar) Valve Alone:

Continuous 15 psi (1 bar) Drop:	20 gpm (76 lpm)
Peak 25 psi (1.7 bar) Drop:	26 gpm (98 lpm)
Max Backwash 25 psi (1.7bar) Drop:	7 gpm (26 lpm)
CV 1 psi (0.07 bar) Drop:	5.0

#### Flow Rate @ 50 psi (3.5bar) Filter/Softener 15 psi (1bar) Drop:

7x35	0.5 cf (14 l) Resin	8.0 gpm (30.3 lpm)
8x44	0.75 cf (21 l) Carbon/Resin	9.6 gpm (36.5 lpm)
9x48	1.0 cf (29 l) Carbon/Resin	11.5 gpm (43.5 lpm)
10x54	1.5 cf (43 l) Carbon/Resin	11.8 gpm (44.5 lpm)
12x48	1.75 cf (50 l) Resin	12.8 gpm (48.5 lpm)
13x54	2.0 cf (57 l) Resin	13.5 gpm (51.1 lmp)

#### Regeneration/Backwash:

Downflow/Upflow:	Downflow
Cycles:	5
Adjust able Cycles:	Brine Fill
Time Available:	180 Minutes

#### Meter:

Accuracy Range:	0.25 - 15 gpm (0.95 - 57 lpm) ± 5%
Capacity Range:	125 - 2100 gal (0.5m <sup>3</sup> - 8m <sup>3</sup> )

#### Valve Specifications:

Inlet/Outlet:	1" or 3/4" NPT
Mounting Base:	2-1/2" 8 NPSM
Distributor Pilot:	1.05" OD
Drain Line:	1/2" Quick Connect Elbow
Brine Line:	3/8" Quick Connect
Height:	7" (178 mm)
Weight (Valve Gross):	Timer 5.1 lb (2.3 kg) Meter 5.5 lb (2.5 kg)

#### Additional Information:

Electrical Rating:	220V, 110V, 24V - 50Hz, 60Hz
Max. VA	3 VA
Water Pressure:	Hydrostatic: 300 psi (20 bar) Working: 20 - 125 psi (1.4 bar - 8.6 bar)
Temperature:	34 - 110 °F (1 - 43 °C)

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