



# 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	2.0 cf (57 l) Resin	12.8 gpm (48.5 lpm)
13x54	2.5 cf (71 l) Resin	13.5 gpm (51.1 lpm)
14x65	3.0 cf (85 l) Resin	14.5 gpm (54.8 lpm)

#### Regeneration/Backwash:

Downflow/Upflow:	Downflow
Cycles:	4 - 7
Adjust able Cycles:	Brine Fill
Time Available:	180 Minutes

#### Meter:

Accuracy Range:	0.25 - 15 gpm (0.95 - 57 lpm) $\pm$ 5%
Capacity Range:	Standard: 125 - 2100 gal (0.5m <sup>3</sup> - 8m <sup>3</sup> ) Extended: 625 - 10800 gal (2.4m <sup>3</sup> - 40m <sup>3</sup> )

#### Valve Specifications:

Inlet/Outlet:	1" or 3/4"
Mounting Base:	2-1/2" 8 NPSM
Distributor Pilot:	1.05" OD
Drain Line:	1/2"
Brine Line:	3/8"
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 - 120 psi (1.4 bar - 8 bar)
Temperature:	34 - 110° F (1 - 43° C)



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