AQT-56 Electromechanical 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-56FT:	Mechanical Filter Timer Control Valve
AQT-56ST:	Mechanical Softener Timer Control Valve
AQT-56SM:	Mechanical Softener Meter 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:	0.25 - 15 gpm (0.95 - 57 lpm) ± 5%
Capacity Range:	125 - 2100 gal (0.5m^3 - 8m^3)

Valve Specifications:

Inlet/Outlet:	1" or 3/4" NPT
Mounting Base:	2-1/2" 8 NPSM
Distributor Pilot:	1.05" OP (3/4" SCH 40)
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:	110V, 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)

Distributed by:

AQUATROL™
CONTROL VALVES

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