



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 lmp) |
| 14x65 | 3.0 cf (85 l) Resin | 14.5 gpm (54.8 lmp) |

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) ± 5% |
| Capacity Range: | Standard: 125 - 2100 gal (0.5m ³ - 8m ³) Extended: 625 - 10800 gal (2.4m ³ - 40m ³) |

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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