



AQT-275

PRODUCT SPECIFICATIONS

AQT-275 Timer/Meter Valves

Aquatrol 275 Timer/Meter Mechanical Valves offer a flanged body design for convenient maintenance and are made of solid lead-free brass for superior strength and durability. The AQT-275 also offers a NH piston and is 5 cycle adjustable.

FEATURES

- Lead free brass body
- Adjustable 5 cycle control (Mech. & Digital NX)
- Residential / light commercial applications
- Backwash capacity for tanks up to 21" (Filters) and 24" (Softeners) diameter
- 1" Control valve
- NH option available
- Time clock: 12 days
- Meter: immediate / delayed regeneration
- Digital NX Controller
- Remote Signal
- Aux. Relay
- Chemical Pump Option
- English / Spanish Language



Models:

AQT-275ST-HW:	Softener Timer - HW
AQT-275ST-NH:	Softener Timer - NH
AQT-275SM-HW:	Softener Meter - HW
AQT-275SM-NH:	Softener Meter - NH
AQT-275S-NX-HW:	Elec Softener Timer / Meter - HW
AQT-275S-NX-NH:	Elec Softener Timer/ Meter - NH
AQT-275FT:	Filter Timer
AQT-275F-NX:	Electronic Filter Timer

HW - Hard Water Bypass. NH - No Hard Water Bypass.

Flow Rate 50 psi (3.5 bar) Valve Alone:

Continuous 15 psi (1 bar) Drop:	26 gpm (98 lpm)
Peak 25 psi (1.7 bar) Drop:	33 gpm (125 lpm)
Max Backwash 25 psi (1.7 bar) Drop:	25 gpm (95 lpm)
CV 1 psi (0.07 bar) Drop:	6.8

Regeneration/Backwash:

Downflow/Upflow:	Downflow or Upflow
Cycles:	5
Adjustable Cycles:	All
Time Available:	Mechanical 164 Min. / Digital NX 0-4 Hours Each Cycle

Meter:

Accuracy:	0.7 - 40 gpm (2.7 - 151 lpm) ± 5%
Capacity:	Standard: 310 - 5,270 gal (1.2 - 20m ³)
Range:	Extended: 1,550 - 26,350 gal (6 - 100m ³)

Valve Specifications:

Inlet/Outlet:	1" NPT
Mounting Base:	2-1/2" - 8 NPSM
Distributor Pilot:	1.05" OD
Drain Line:	3/4"
Brine Line:	3/8"
Height:	7" (198 mm)
Weight (Valve Gross):	Timer 13.2 lb (6 kg) Meter 17.2 lb (7.8 kg)

Additional Information:

Electrical Rating:	24V - 50Hz, 60Hz
Max. VA:	74 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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