



AQT-290

PRODUCT SPECIFICATIONS

AQT-290 Timer/Meter Valves

Aquatrol 290 Timer/Meter Mechanical Valves are made of solid lead-free brass for superior strength and durability. The AQT-290 also offers a NHWB piston option. The AQT-290 incorporates 2 hydraulically-balanced pistons, seal and spacers. It can be used with single or multiple tank systems and it also offers continuous flow rate of 106 gpm.

FEATURES

- 2" Control valve
- Lead free brass body
- Adjustable 5 cycle control
- Continuous flow rate of 106 gpm
- Backwash capacity for tanks up to 21" (Filters) and 30" (Softeners) diameter
- NHWB option available



Models:	
AQT-290ST:	Softener Timer
AQT-290SM:	Softener Meter
AQT-290ST-NX:	Electronic Softener Timer
AQT-290SM-NX:	Electronic Softener Meter
AQT-290FT:	Filter Timer
AQT-290FM:	Filter Meter
AQT-290FT-NX:	Electronic Filter Timer
AQT-290FM-NX:	Electronic Filter Meter

Flow Rate 50 psi (3.5 bar) Valve Alone:	
Continuous 15 psi (1 bar) Drop:	160 gpm (401 lpm)
Peak 25 psi (1.7 bar) Drop:	140 gpm (530 lpm)
Max Backwash 25 psi (1.7 bar) Drop:	25 gpm (95 lpm)
CV 1 psi (0.07 bar) Drop:	27.5

Regeneration/Backwash:	
Downflow/Upflow:	Downflow or Upflow
Cycles:	5
Adjustable Cycles:	Mechanical, All
Time Available:	164 Minutes

Meter:	
Accuracy:	3 - 150 gpm (11.5 - 568 lpm) ± 5%
Capacity Range:	Standard: 1,250 - 21,250 gal (4.8 - 40m ³) Extended: 6,250 - 106,250 gal (24 - 400m ³)

Valve Specifications:	
Inlet/Outlet:	2" NPT
Mounting Base:	4" 8 UN
Distributor Pilot:	1.96" OD
Drain Line:	3/4"
Brine Line:	3/8" or 1/2"
Height:	11.5" (290 mm)
Weight (Valve Gross):	Timer 35.3 lb (16 kg) Meter 41.9 lb (19 kg)

Additional Information:	
Electrical Rating:	220V, 110V, 24V - 50Hz, 60Hz
Max. VA	143 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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