



# AQT-390

## PRODUCT SPECIFICATIONS

### AQT-390 Timer/Meter Valves

Aquatrol 390 Timer/Meter Mechanical Valves are made of solid lead-free brass for superior strength and durability. The AQT-390 also offers a NH piston option and has a time-tested piston, seal and spacer design. The AQT-390 also offers a fully adjustable 5 cycle controller that allows you to control the upflow backwash, downflow brining and slow rinse, rapid rinse, timed brine refill and downflow service.

### FEATURES

- 3" Control valve
- Lead free brass body
- Adjustable 5 cycle control (Mech. & Digital NX)
- Ideal for most filter (up to 48") and softeners (up to 63") applications
- Continuous flow rate of 250 gpm
- 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-390ST-HW:	Softener Timer - HW
AQT-390ST-NH:	Softener Timer - NH
AQT-390SM-HW:	Softener Meter - HW
AQT-390SM-NH:	Softener Meter / NH
AQT-390S-NX-HW:	Elec Softener Timer / Meter - HW
AQT-390S-NX-NH:	Elec Softener Timer / Meter - NH
AQT-390FT:	Filter Timer
AQT-390F-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:	250 gpm (950 lpm)
Peak 25 psi (1.7 bar) Drop:	325 gpm (1,230 lpm)
Max Backwash 25 psi (1.7 bar) Drop:	100 gpm (380 lpm)
CV 1 psi (0.07 bar) Drop:	65.0

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

Meter:	
Accuracy:	7 - 300 gpm (26.5 - 1,135 lpm) ± 5%
Capacity	Standard: 3,750 - 63,750 gal (14 - 204m <sup>3</sup> )
Range:	Extended: 18,750 - 318,250 gal (70 - 1200m <sup>3</sup> )

Valve Specifications:	
Inlet/Outlet:	3" NPT
Mounting Base:	6" Flanged
Distributor Pilot:	3.5" OD
Drain Line:	2"
Brine Line:	1"
Height:	15.3" (390 mm)
Weight (Valve Gross) :	Timer 94.7 lb (43 kg) Meter 121.3 lb (55 kg)

Additional Information:	
Electrical Rating:	24V - 50Hz, 60Hz
Max. VA	171 VA
Water Pressure:	Hydrostatic: 300 psi (20 bar) Working: 20 - 125 psi (1.4 - 8.6 bar)
Temperature:	34 - 110 °F (1 - 43 °C)

LIT-AQT-390-DS 06/29/20



AQUATROL | P.O. Box 2235 Chino Hills, CA 91709USA

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