



# AQT-315

## PRODUCT SPECIFICATIONS

### AQT-315 Timer/Meter Valves

Aquatrol 315 Timer/Meter Mechanical Valves are made of solid lead-free brass for strength and durability. The AQT-315 also offers a NH piston option and has a time-tested piston, seal and spacer design. The AQT-315 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. The AQT-315 is ideal for filter applications.

### FEATURES

- 2" Control valve
- Lead free brass body
- Adjustable 5 cycle control (Mech. & Digital NX)
- Backwash capacity accommodates tanks up to 42" (Filter) and 63" (Softeners) diameter
- Side Mount option for 63" diameter tanks
- 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-315ST-HW:	Softener Timer - HW
AQT-315ST-NH:	Softener Timer - NH
AQT-315SM-HW:	Softener Meter - HW
AQT-315SM-NH:	Softener Meter / NH
AQT-315S-NX-HW:	Elec Softener Timer / Meter - HW
AQT-315S-NX-NH:	Elec Softener Timer / Meter - NH
AQT-315FT:	Filter Timer
AQT-315F-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:	95 gpm (360 lpm)
Peak 25 psi (1.7 bar) Drop:	124 gpm (470 lpm)
Max Backwash 25 psi (1.7 bar) Drop:	105 gpm (398 lpm)
CV 1 psi (0.07 bar) Drop:	24.8

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

Valve Specifications:	
Inlet/Outlet:	2" NPT
Mounting Base:	4" - 8 UN
Distributor Pilot:	2.49" OD
Drain Line:	2"
Brine Line:	1"
Height:	10" (254 mm)
Weight (Valve Gross):	Timer 41.9 lb (19 kg) Meter 48.5 lb (22 kg)

Additional Information:	
Electrical Rating:	24V - 50Hz, 60Hz
Max. VA	85 VA
Water Pressure:	Hydrostatic: 300 psi (20 bar) Working: 20 - 125 psi (1.4 - 8.6 bar)
Temperature:	34 - 110 °F (1 - 43 °C)

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