



AQT-290

PRODUCT SPECIFICATIONS

AQT-290 Control Valves

Aquatrol 290 Control Valves are made of solid lead-free brass for superior strength and durability. The AQT-290 also offers a NH 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 (Mech. & Digital NX)
- Continuous flow rate of 106 gpm
- NH option available
- Time clock: 12 days
- Meter NX: immediate / delayed regeneration
- Filters up to 21" and softeners up to 36"
- NX System 7 twin alternating option
- Digital NX Controller:
 - Remote Signal
 - Aux. Relay
 - Chemical Pump Option
 - English / Spanish Language



Models:	
AQT-290ST-HW:	Softener Timer - HW
AQT-290ST-NH:	Softener Timer - NH
AQT-290SM-HW:	Softener Meter - HW
AQT-290SM-NH:	Softener Meter - NH
AQT-290S-NX-HW:	Digital Softener Timer / Meter - HW
AQT-290S-NX-NH:	Digital Softener Timer / Meter - NH
AQT-290FT:	Filter Timer
AQT-290F-NX:	Digital 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:	106 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:	All
Time Available:	Mechanical 164 Min. / Digital NX 0-4 Hours Each Cycle

Meter NX:	
Accuracy:	3 - 150 gpm (11.5 - 568 lpm) ± 5%
Capacity Range:	0 - 999,999,999 gal

Valve Specifications:	
Inlet/Outlet:	2" NPT
Mounting Base:	4" - 8 UN
Distributor Pilot:	1.96" OD (1.5" SCH 40)
Drain Line:	3/4"
Brine Line:	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:	24V - 50Hz, 60Hz
Max. VA	143 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)

LIT-AQT-290-DS 05/06/22



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

Distributed by: