



# AQT-285

## PRODUCT SPECIFICATIONS

### AQT-285 Timer/Meter Valves

Aquatrol 285 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-285 also offers a NH piston option and has a time-tested piston, seal and spacer design.

### FEATURES

- 1.5" Control valve
- Lead free brass body
- Adjustable 5 cycle control (Mech. & Digital NX)
- Backwash capacity for tanks up to 30" (Filters) and 36" (Softeners) diameter
- Continuous flow rate of 51 gpm with backwash of 49 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-285ST-HW:	Softener Timer - HW
AQT-285ST-NH:	Softener Timer - NH
AQT-285SM-HW:	Softener Meter - HW
AQT-275SM-NH:	Softener Meter / NH
AQT-285S-NX-HW:	Elec Softener Timer / Meter - HW
AQT-285S-NX-NH:	Elec Softener Timer / Meter - NH
AQT-285FT:	Filter Timer
AQT-285F-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:	51 gpm (193 lpm)
Peak 25 psi (1.7 bar) Drop:	66 gpm (250 lpm)
Max Backwash 25 psi (1.7 bar) Drop:	49 gpm (185 lpm)
CV 1 psi (0.07 bar) Drop:	13.2

#### Regeneration/Backwash:

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

#### Meter:

Accuracy Range:	1.5 - 75 gpm (5.7 - 284 lpm) ± 5%
Capacity Range:	Standard: 625 - 10,625 gal (2.5 - 40.2m <sup>3</sup> ) Extended: 3,125 - 53,125 gal (12-200m <sup>3</sup> )

#### Valve Specification:

Inlet/Outlet:	1-1/2" NPT
Mounting Base:	4" - 8 UN
Distributor Pilot:	1.96" OD
Drain Line:	1"
Brine Line:	1/2"
Height:	7-1/2" (190 mm)
Weight (Valve Gross):	Timer 22 lb (10 kg) Meter 27.6 lb (12.5 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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