



AQT-581XT

PRODUCT SPECIFICATIONS

AQT-581XT Digital Valve

Aquatrol AQT-581XT series control valves offer a rigid valve body made from Noryl material for superior quality and durability. AQT-581XT with their diverse options and added security features allow for ease of use, while offering value added options to fit a wide range of applications. AQT-581XT valves are easy to maintain with multiple quick connect connectors, easy access to injectors and simplified programming. They can be used in filter tanks up to 24" and softener tanks up to 30".



Features:

- Adjustable 6 cycles
- Historic Values
- Seals & Spacers new Stack Design
- Inlet/Outlet Quik Adaptors
- Accesible Injector Module
- Accesible Flow Meter
- QC (Quick Connect) Brine Connector
- Soft Water Refill
- Intelligent Proportional Regeneration
- AUX Relay Output
- DP Switch With Remote Signal

Models:	
AQT-581FT-XT15	Filter Timer Valve
AQT-581ST-XT15-HW	Softener Timer with Hard Water Bypass
AQT-581ST-XT15-NH	Softener Timer with No Hard Water Bypass
AQT-581SM-XT15-HW	Softener Meter with Hard Water Bypass
AQT-581SM-XT15-NH	Softener Meter with No Hard Water Bypass

Flow Rate @50 psi, 3.5 bar (valve alone):	
Continuous 15 psi (1 bar) Drop:	45 gpm (170 lpm)
Peak 25 psi (1.7 bar) Drop:	58 gpm (220 lpm)
Max Backwash 25 psi (1.7bar) Drop:	37 gpm (140 lpm)
CV 1 psi (0.07 bar) Drop:	11.4

Regeneration/Backwash:	
Downflow/Upflow:	Downflow
Cycles:	6, all adjustable
Time Available:	Up to 999 minutes per cycle

Meter:	
Accuracy Range:w	± 5%
Capacity Range:	0.25 - 80 gpm

Valve Specifications:	
Inlet/Outlet:	1.5"
Mounting Base:	4.0"
Distributor Pilot:	1.96" OD (1.5" SCH 40)
Drain Line:	1" NPT
Brine Line:	1/2" Quick Connect
Height:	7" (180 mm)
Weight (Valve Gross):	5.7 lb (2.6 kg)

Additional Information:	
Electrical Rating Output:	Switching Transformer 100 - 240 V AC, 50/60 Hz, 0.4 A Max
Electrical Rating Input:	12.0 V DC, 1.0 A
Water Pressure:	Hydrostatic: 300 psi (21 bar) Working: 20 - 120 psi (1.4 - 8 bar)
Temperature:	34 - 110 °F (1 - 43 °C)
Filter Tanks:	10" - 24"
Softener Tanks:	10" - 30"

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