PENTAIR

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AUTOTROL® 368
CONTROL VALVE

MADE IN THE USA
OF FOREIGN & DOMESTIC PARTS



FEATURES/BENEFITS

Time-tested Duraflow flapper provides frictionless sealing for longer service life

Fiber-reinforced polymer valve body for superior strength and durability, non-corrosive, and UV-resistant

Optical sensor for precision cycle positioning

Designed with double backwash for reduced hardness leakage

Continuous service flow rate of 16.6 GPM with a backwash of 2.75 GPM

Backwash capability accommodates softener tanks up to 10"

Super capacitor for keeping time of day during power outage

Programming stored in memory and will not be lost due to power outages

History data for valve performance

Designed for single tank systems only

External drain line flow control

Softener only control valve

OPTIONS

Plumbing connections in .75"-1.25" NPT, BSP, and sweat

Internal Autotrol turbine

604- Simple economic electronic time clock control.

606- Simple economic electronic meter control.

TESTED and CERTIFIED by the WQA to NFS/ANSI Standard 44 for Water Softener Performance.

UL recognized to the 979

TESTED EMC and Low Voltage Directive

Restriction of Hazardous Substance Compliant

VALVE SPECIFICATIONS

Valve Body	Glass-filled Noryl®
Rubber Components	Compounded for cold water
Operating Pressure	20-125 PSI (1.38-8.61 bar)
Water Temperature	35-100°F (2-38°C)
Ambient Temperature	35-122°F (2-50°C)
Refill Flow Rate	0.14 gpm (0.53 Lpm)/ 0.33 gpm (1.25 Lpm)

ELECTRICAL

Controller Operating Voltage	12 volt– AC
Input Supply Frequency	50 or 60 Hz
Moter Input Voltage	12 volt– AC
Controller System Power Consumption	3 watts average

TRANSFORMER- ALL CONTROLLERS

Transformer Output Voltage	12 volt– AC 400mA
Transformer Input Options	115 volt– AC 50/60 Hz 230 volt– AC 50/60 Hz 100 volt– AC 50/60 Hz
Transformer Plug Options	Indoor North American Plug Outdoor North American Plug Japanese Plug Taiwan/Korea Plug Australian Plug United Kingdown Plug Mainland Europe Plug

VALVE CONNECTIONS

Tank Thread	2-1/2" – 8, male
Inlet/Outlet	3/4" BSPT, male 3/4" NPT, male 1 " BSPT, male 1" NPT, male
Drain Line	1/2" – BSPT, male 1/2" – NPT, male
Brine Line	3/8" – BSPT, male 3/8" – NPT, male

DIMENSIONS

Riser Tube Dia.	1.05" (27 mm)
Riser Height	Flush to top of tank +/- 0.5"

FLOW RATE

Service 5 psi (1.03 bar) drop	16.6 gpm (4.3Cv) 3.77 m^3/h (3.68kV)
Backwash 25psi (1.72 Bar) drop	2.75 gpm (0.55Cv) 0.62 m^3/h (0.48kV)
Service	3.68 Kv
Backwash	0.48 Kv

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