

# Performa™ Cv Control Valves

273 and 278 Configurations

Pentair Water® offers a full range of Autotrol® Control Valves to meet a wide range of water conditioning applications.



## Logix™ Series

### 742 Time Clock

- Simple, economic electronic time clock (chronometric)
- 7- or 99-day regeneration setting
  - 12-volt operation
  - Filter or conditioner setting in one control
- Fully programmable cycle times
- Salt setting in 1-pound increments
  - Operates 255, 263, 268, 273, 278, and Magnum IT with one controller

### 762 Volumetric

- Simple, economic electronic demand (volumetric)
- Calendar override
- 12-volt operation
- 28-day variable reserve
- Automatic capacity calculations
- Fully programmable cycle times
- Salt setting in 1-pound increments
- Operates 255, 263, 268, 273, 278, and Magnum IT with one controller

### 762 Volumetric

Same features as the 762, plus:

- Multi-tank applications (twin alternating, multi-tank parallel)
- Control lockout
- Power fail memory



**Autotrol**  
Pentair Water



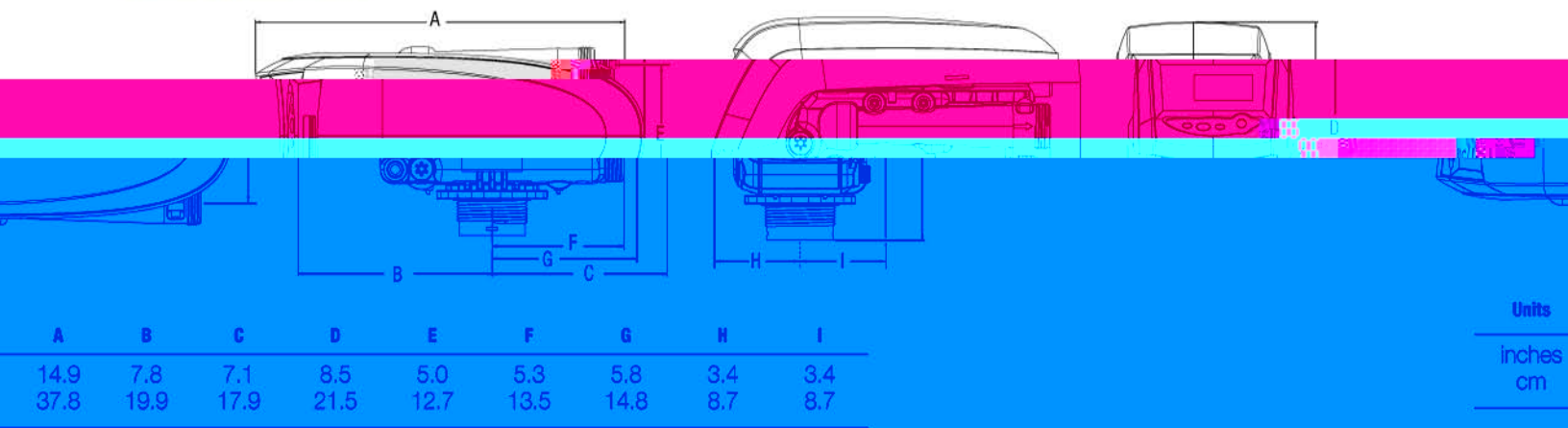


Dimensions

Valve Connections

Tank Thread	2-1/2-inches – 8, male
Inlet/Outlet Threads	1-3/4-inches – 12 UNC-2A male
Drain Line	3/4-inch NPT, male
Brine Line	3/8-inch NPT, male
Distributor Tube Diameter	1.050 inches (27 mm)
Distributor Tube Length	1/2 ± 1/2-inches (13 ± 13 mm) above top of tank

Outline Dimensions



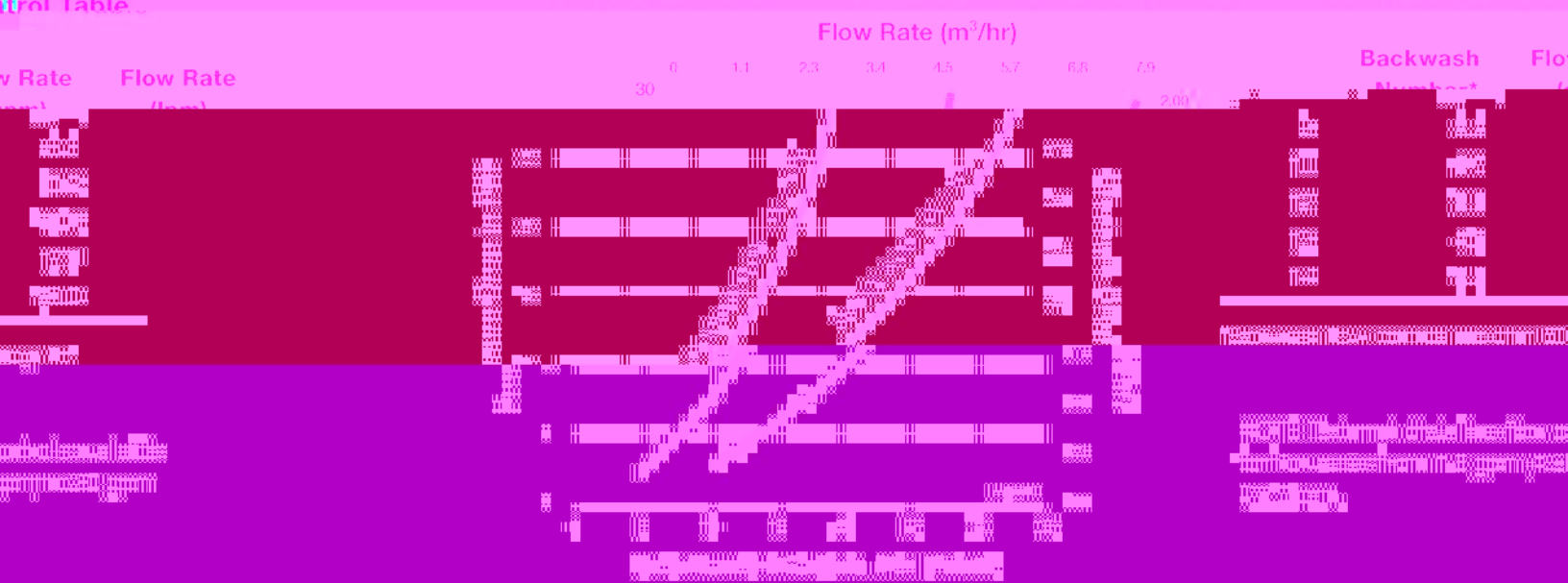
Performance

Flow Rates (Valve On Service @ 25 psi)

Backwash @ 25 psi (1.72 bar) drop	20.0 gpm (4.3 m <sup>3</sup> /h)
Service	Cv = 6.50 (Kv = 5.6)
Backwash	Cv = 4.00 (Kv = 3.5)

Logix™ Series Controller Flow Rate Characteristics

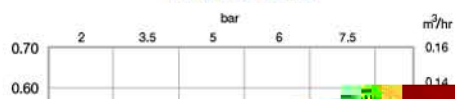
Backwash Flow Characteristics



# Injector\* Performance

## Logix™ Series Controllers

Injector "H" (Light Purple)  
For 9-inch Tanks



Injector "J" (Light Blue)  
For 10-inch Tanks



Injector "H" (Light Purple)  
For 9-inch Tanks

Injector "J" (Light Blue)  
For 10-inch Tanks

Injector "H" (Light Purple)  
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