

## COMMERCIAL CONTROL VALVES

# 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
- Fully programmable cycle times
- Salt saving

762 Demand

764 Demand





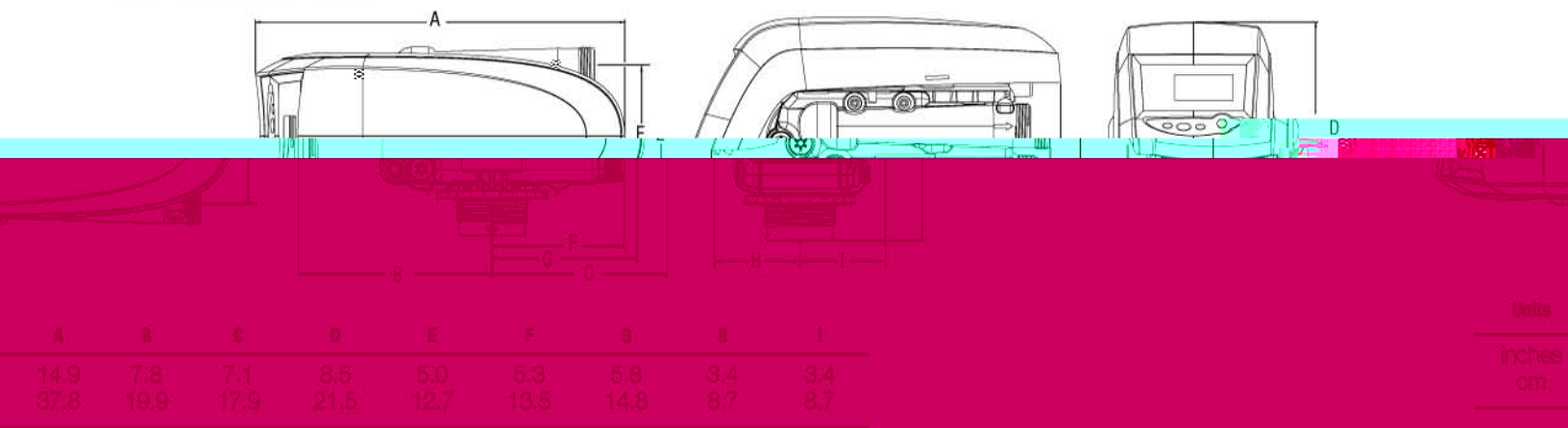


Dimensions

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

Backwash @ 25 psi (1.72 bar) drop	20.0 gpm (4.5 m <sup>3</sup> /h)
Service	Cv = 6.50 (Kv = 5.6)
Backwash	Cv = 4.00 (Kv = 3.5)

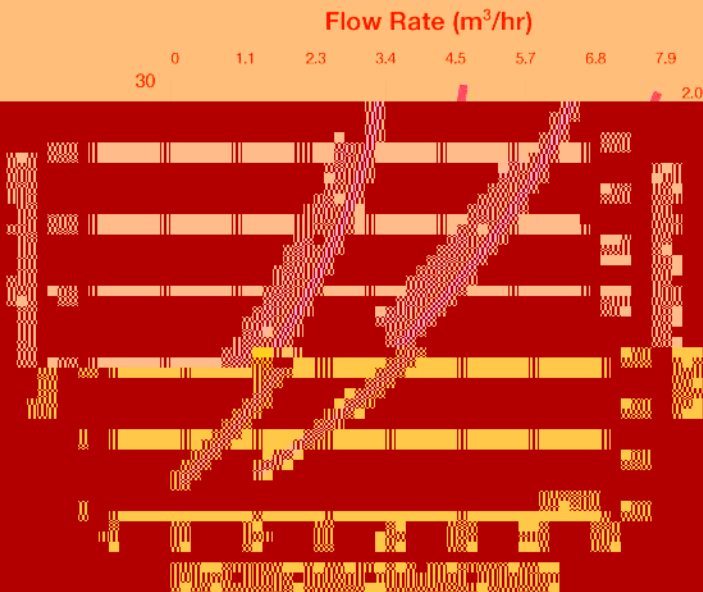
Control Table

Flow Rate  
(gpm)

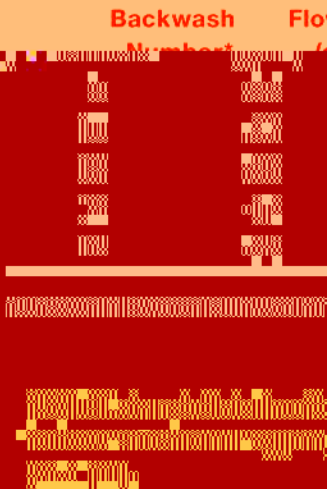


Flow Rate  
(m³/hr)

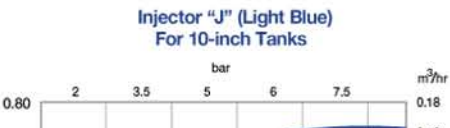
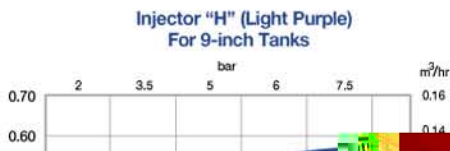
Logix™ Series Controller Flow Rate Characteristics



Backwash Flow Characteristics



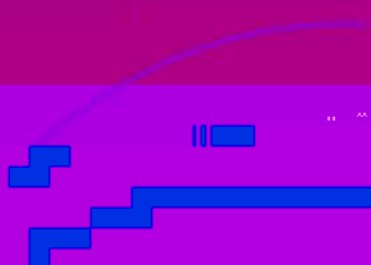
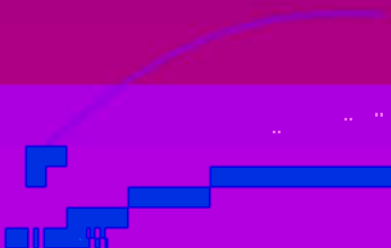
Injector\* Performance  
Logix™ Series Controllers



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

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

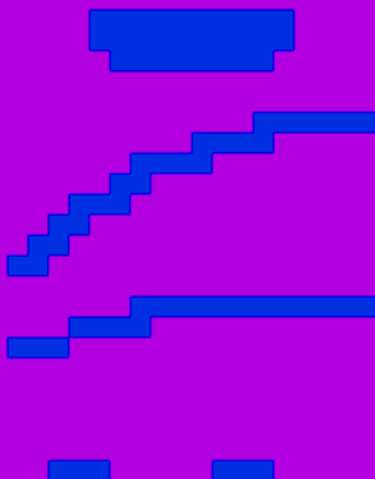
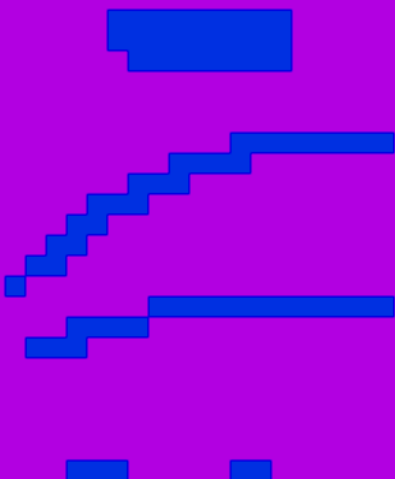
Injector "H" (Light Purple)  
For 9-inch Tanks



0.60 0.65 0.70

0.16 0.17 0.18

0.16 0.17 0.18



0.60 0.65 0.70

