

Performa® Cv Control Valves

12" 700 Series

700 Series Clock

- Simple, economic, electrically timed clock chronometer
- 100% duty cycle
- 100% modulating
- 100% on/off

- Fully programmable cycle times

For more information, visit www.thermovalve.com or call 1-800-368-2626.

700 Series 12" 700 Series

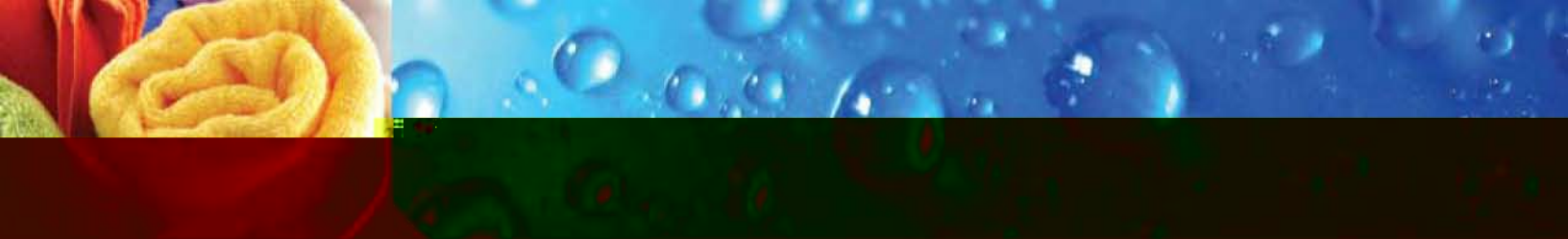
700 Series

700 Series

700 Series



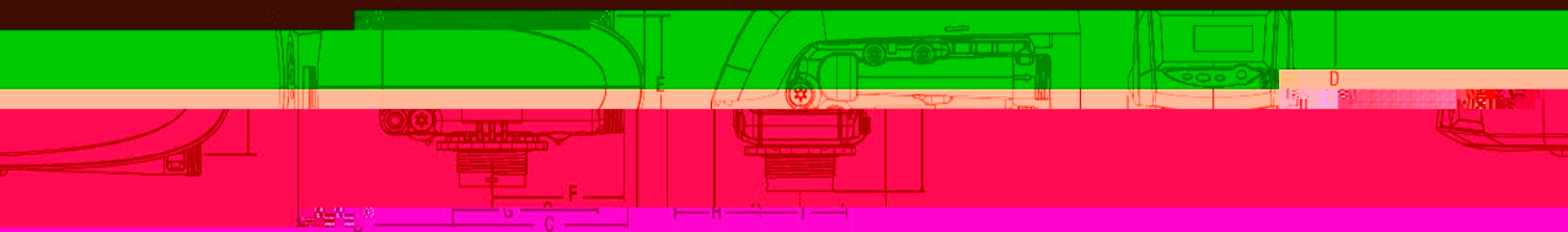
ThermoValve®



Valve Connections

- 1/2" NPT (12.7 mm) inlet
- 1/2" NPT (12.7 mm) outlet
- 1/2" NPT (12.7 mm) backwash
- 1/2" NPT (12.7 mm) service
- 1/2" NPT (12.7 mm) backwash
- 1/2" NPT (12.7 mm) service
- 1/2" NPT (12.7 mm) backwash
- 1/2" NPT (12.7 mm) service

Outline Dimensions



A	B	C	D	E	F	G	H	I
14.9	7.8	7.1	8.5	5.0	5.3	5.8	3.4	3.4
37.8	19.9	17.9	21.5	12.7	13.5	14.8	8.7	8.7

Units
inches
cm

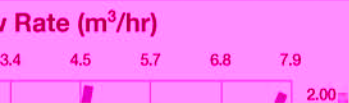
Performance

Flow Rates (Valve Only)

- Service @ 15 psi (1.03 bar) drop
- Backwash @ 25 psi (1.72 bar) drop
- Service
- Backwash

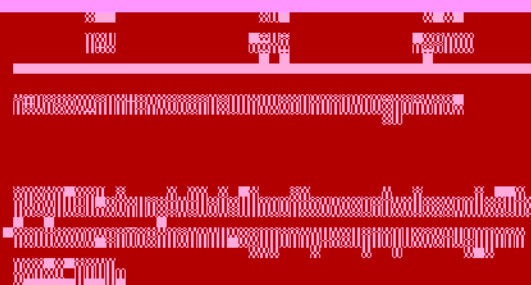
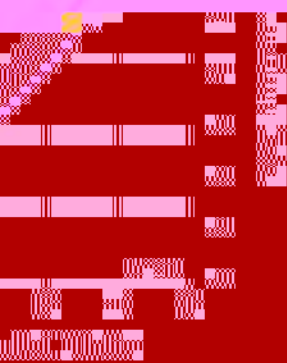
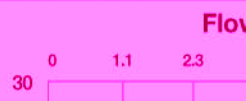
Logix™ Series Controller

Flow Rate Characteristics



Backwash Flow Control Table

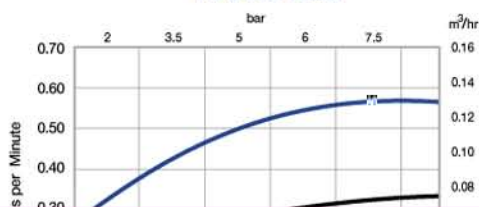
Backwash Number	Flow Rate (gpm)	Flow Rate (lpm)
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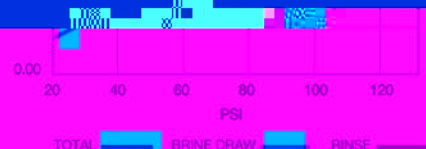
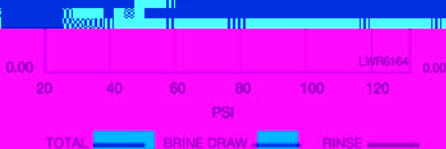
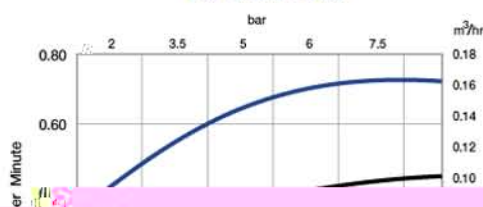
Injector* Performance

Logix™ Series Controllers

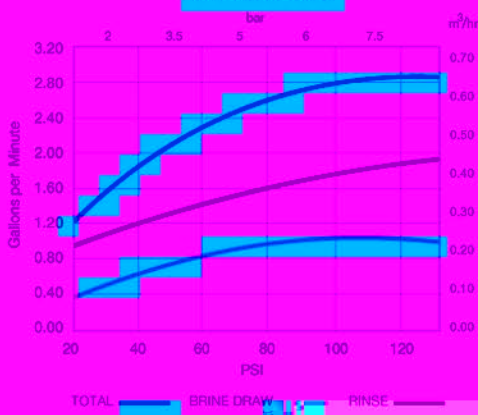
Injector "H" (Light Purple)
For 9-inch Tanks



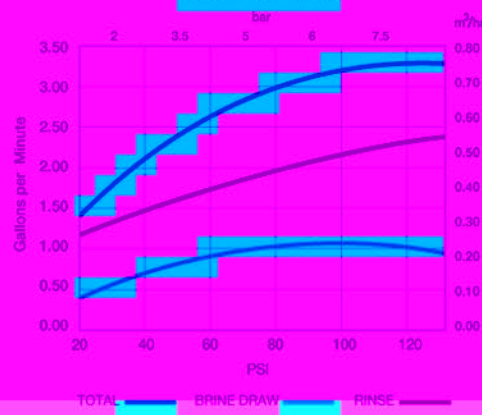
Injector "J" (Light Blue)
For 10-inch Tanks



Injector "Q" (Purple)
For 18-inch Tanks



Injector "R" (Dark Grey)
For 21-inch Tanks



*New injectors for high-efficiency regeneration sequence are standard with Logix Controllers.

NOTE: Actual injector performance is dependent on the resin used, tank geometry, elevated drain, etc. This injector data was taken using an empty tank (no resin).



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