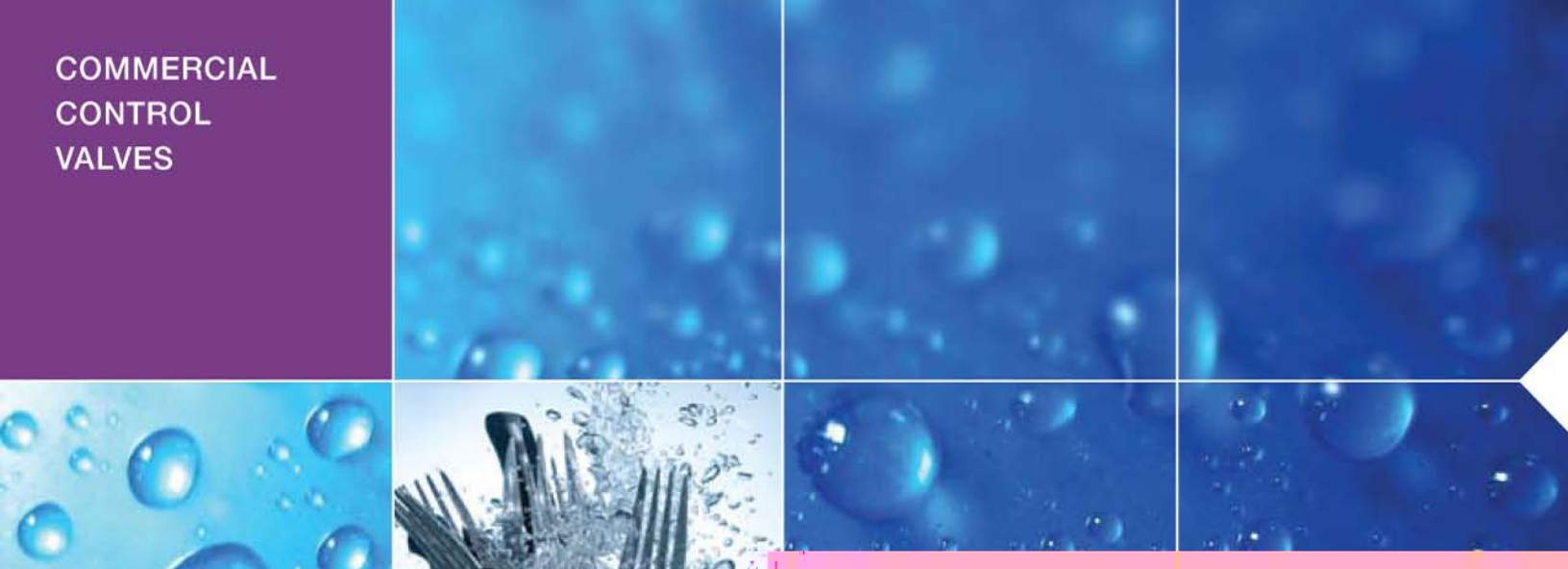


COMMERCIAL
CONTROL
VALVES



$$\| \mathcal{U} \|_{\infty} = \max_{i \in \{1, \dots, n\}} \max_{j \in \{1, \dots, m\}} |u_{ij}|$$
[illegible][illegible][illegible][illegible]

continued

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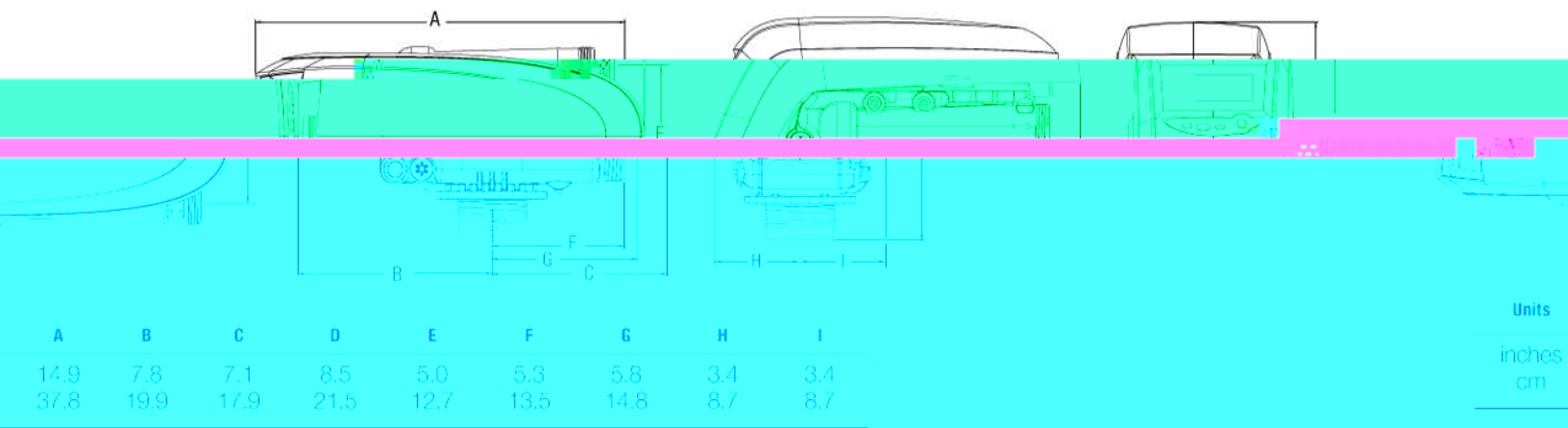


Dimensions

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

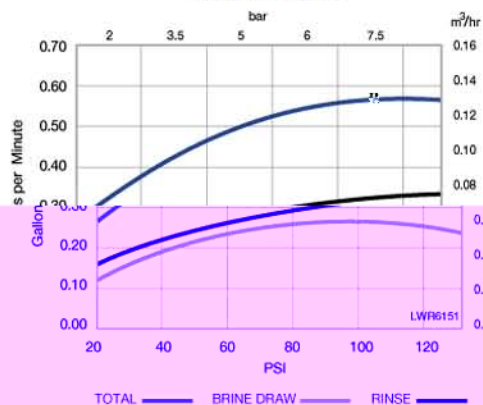


Flow Rates (Valve On)			Flow Rates (Valve Off)		
Service @ 4.7 psi (1.03 bar)			Service @ 4.7 psi (1.03 bar)		
Backwash @ 25 psi (1.72 bar)			Backwash @ 25 psi (1.72 bar)		
Service			Service		
Backwash			Backwash		
Controller Flow Rate Characteristics			Backwash Flow Control Table		
Logix™ Series Control			Logix™ Series Control		

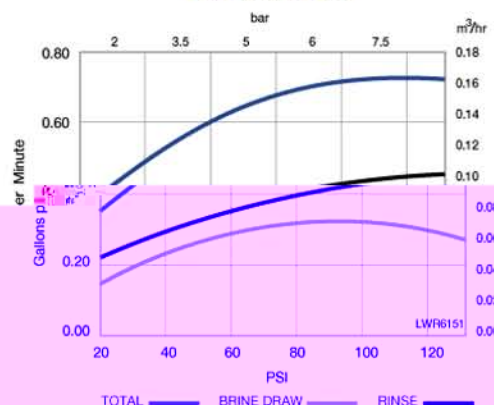
Injector* Performance

Logix™ Series Controllers

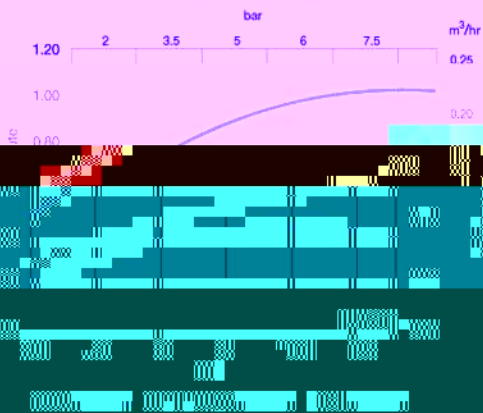
Injector "H" (Light Purple)
For 9-inch Tanks



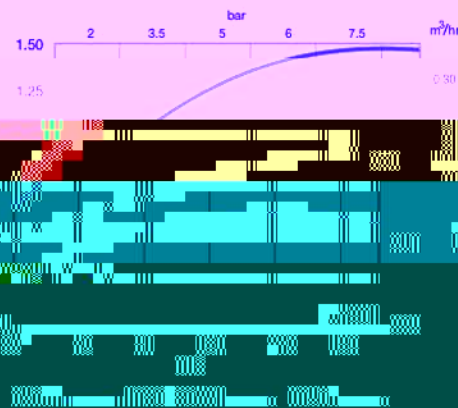
Injector "J" (Light Blue)
For 10-inch Tanks



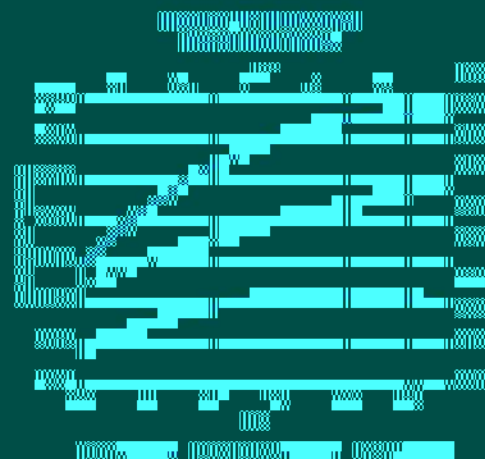
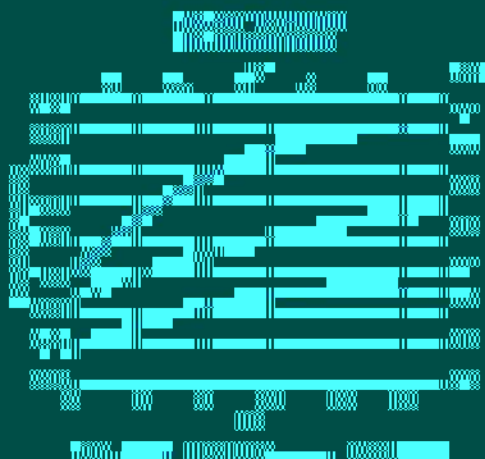
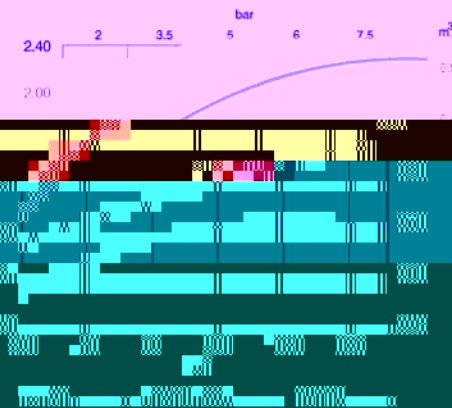
Injector "K" (Pink)
For 12-inch Tanks



Injector "L" (Orange)
For 13- and 14-inch Tanks



Injector "N" (Green)
For 16-inch Tanks



Logix™ Series Controllers are designed to provide precise control of the flow rate of the brine solution used in the brine draw and rinse cycles. The flow rate is controlled by the pressure of the brine solution entering the injector. The flow rate is proportional to the square root of the pressure. The flow rate is controlled by the pressure of the brine solution entering the injector. The flow rate is proportional to the square root of the pressure.

