

HD/HDL

DIGITAL PISTON VALVES

The next step forward in mechanical control design.



HD

HDL

Fully adjustable control valve for residential and light commercial use.

Our HD and HDL digital piston valves have improved construction and a lightweight design. These valves now come with added features to give you increased flexibility, higher performance, and easier operation and maintenance.

HD and HDL valves offer an intelligent preset reference mode, 3-button programming, and adjustable cycle settings. These valves also feature a quick-connect drain with optional offset, and an automatic reset feature with battery backup. Both valves are available in metered (programmable to extended metered) and filtered versions.

HD/HDL Valves Feature:

- Improved manufacturing and durability
- User friendly programming
- Lower power usage
- Standard Metered (programmable to Extended Metered), Standard Time Clock, and Filter Time Clock options
- Quick-connect drain with optional offset
- 5 year warranty on valve
- Competitive pricing



This valve is Tested and Certified by NSF International against NSF/ANSI Standard 44 for materials and structural integrity requirements.



HDL
Dust Cover

HD Rear

HDL Rear

HD/HDL

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Dimensions

Width		Height		Depth	
HD: 7.6"	HDL: 8.38"	HD: 7.3"	HDL: 8.63"	HD: 7.23"	HDL: 7.88"

Electrical Specifications

Transformer Input	Transformer Output	Wattage-Service	Wattage-Motor Rotation
100-240VAC / 50-60 Hz	12VDC / 2A	1.2W	5.3W

Operational Specifications

Operational Pressure	Operational Water Temperature	Inlet Water Turbidity
25 psi - 120 psi	40°F - 100°F (4.4°C - 37.8°C)	< 5NTU

Control Valve Parameters

Inlet	Outlet	Drain	Brine	Base	Riser Tube
3/4"	3/4"	1/2" NPTF	3/8"	2.5" - 8NPSM	1.05 OD

Flow Rate (Valve Only)

Service @ 15 psi Drop	Peak Service @ 25 psi Drop	Peak Backwash @ 25 psi Drop	CV Service @ 1 psi Drop
20 gpm	26 gpm	7 gpm	5 gpm

Additional Specifications

Valve Material	Height from Top of Tank	Tank Diameter Range	Meter Accuracy	Weight
PPO Plastic	7.3" (185.5mm)	24" - 48"	±5%	Time Clock: 3.3 lbs. (1.49kg) Metered: 3.4 lbs. (1.54kg)