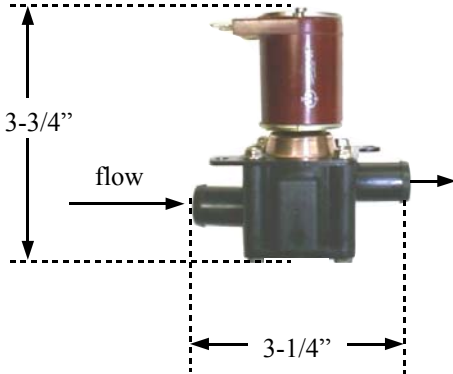




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**Straight-through Design
HC1000**



**Normally Open Valve Design
HC1000/3000-type**

The HC1000 is Horton's normally-open solenoid activated fluid-control valve. It is designed for systems that require coil energization to stop flow, rather than allow fluid to flow.

SPECIFICATIONS (both valves):

Coil voltage: 24VAC, 110VAC and 12VDC	Usage pressure - 2-way: 3 psi max (83")
Rated Frequency: 60 Hz	3-way: 8 psi max
	Insulation - Class B
Intermittent Duty Coil	
Body material: Polypropylene or glass-filled nylon	
Port options: 3/4" OD, 5/8" OD, 7/8" OD, 1/2" OD	
Internal Components: Armature/Pole Piece: Stainless Steel 430F	
Armature Guide: Copper	
O-rings: Rubber	
Spring: Stainless Steel	

The HC3000 valve allows fluid to flow through two different ports. When the coil is de-energized, the valve is in the normally-open position and the fluid flows straight through. When the coil is energized, the straight-through port is sealed, and the fluid "dumps" through the bottom port. This valve is used in circulating systems, draining out the bottom port when the coil is energized.

