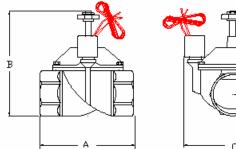
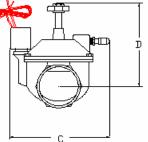
3/4"-2"

MODEL DHP

ON-OFF SOLENOID CONTROL VALVE

Normally Closed Valve





SPECIFICATIONS:

PSI/Temperature Rating:
Voltage Operating Range:
Assembly:
End Connections:

MATERIALS Body and Cover: Stem, Disc Retainer: Metering Pin & Spring: Diaphragm Washer: Disc Guide Seat: Diaphragm: Disc Seat: 200 PSI / 180° F 17 - 40 VAC Factory Assembled FNPT / BSP Optional

Brass Stainless Steel Stainless Steel Brass Peroxide Cured EPDM Buna-N

DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	MODEL NO.	A (INCHES)	B (INCHES)	C (INCHES)	D (INCHES)	WEIGHT (LBS)	
3/4"	75 DHP	3.5	4.5	3.0	3.9	2.00	
1"	100 DHP	3.5	4.5	3.0	3.7	2.00	
1-1/4"	125 DHP	3.8	4.5	3.0	3.5	2.25	
1-1/2"	150 DHP	4.5	5.5	4.5	4.3	4.00	
2"	200 DHP	5.5	6.2	4.5	4.6	6.25	

MINIMUM POWER TO ACTIVATE VALVE

PRESSURE (PSI)	VOLTAGE (60Hz RMS)	CURRENT (60Hz RMS)			
100	21 VAC	375 mA			
125	22 VAC	390 mA			
150	23 VAC	405 mA			

PRESSURE LOSS (IN PSI) AT VARIOUS FLOW RATES (MIN. FLOW RATE: .01 GPM)

VALVE SIZE	1-8	10	15	20	30	40	50	60	80	100	120	140	160
3/4"	2.9	4.7	5.6	7.5	10.8								
1"	2.9	4.4	5.4	7.2	9.2	10.3	13.7						
1-1/4"	2.9	4.1	5.1	6.0	8.1	9.1	12.2	16.3					
1-1/2"	2.3	2.5	2.6	2.8	3.4	3.6	4.4	7.0	11.1	14.2			
2"	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.9	3.4	5.0	5.7	8.0	11.5

APPLICATION

Griswold's solenoid-activated, remote control on-off diaphragm valve can be installed in hose kits for heat pump installations. A tapered metering pin controls the slow opening and closing speed of the valve, eliminating any possibility of water hammer or chattering.

Replaces form F-4295B This specification © 2005 Griswold Controls



12/05