



**SPECIFICATIONS:**

PSI/Temperature Rating:	200 PSI / 180° F
Voltage Operating Range:	17 - 40 VAC
Assembly:	Factory Assembled
End Connections:	FNPT / BSP Optional

**MATERIALS**

Body and Cover:	Brass
Stem, Disc Retainer:	Stainless Steel
Metering Pin & Spring:	Stainless Steel
Diaphragm Washer:	Stainless Steel
Disc Guide Seat:	Brass
Diaphragm:	Peroxide Cured EPDM
Disc Seat:	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

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