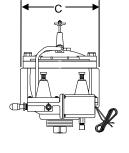
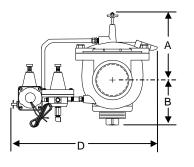
MODEL 2250

PRESSURE REDUCING

NORMALLY CLOSED VALVE





|--|

Operating Pressure: 2 to 200 PSI Regulating Range: 5 to 125 PSI Material: Cast Iron and Bronze End Connections: NPT (BSPT Optional) Voltage Operating Range: 22-28 VAC Low Current Requirement: 0.40 A at 24 VAC Assembly: Valve comes fully assembled **Optional:** Purple Handle for Reclaimed Water **Optional:** Epoxy Coating

DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	MODEL NO.	A (IN)	B (IN)	C (IN)	D (IN)	APPROX SHIP WT IN LBS				
1"	2250H	4.25	2.50	4.50	10.00	14				
1-1/4"	2250J	4.25	2.75	4.50	10.00	13				
1-1/2"	2250K	6.00	3.00	5.50	10.00	22				
2"	2250L	6.00	3.25	7.50	12.00	25				
2-1/2"	2250M	6.25	3.25	7.50	12.00	29				
3"	2250N	6.50	4.50	8.50	12.50	31				

PRESSURE LOSS (PSI) AT VARIOUS FLOWRATES

SIZE	FLOW	Cv	FLOWRATE (GPM)																												
PATTI	PATTERN	01	10	15	20	25	30	35	40	44	50	55	60	65	70	80	90	100	120	140	160	180	200	225	250	275	300	325	350	375	400
1"	STRAIGHT	13.50	1.0	1.24	2.2	3.4	5.0	6.7	8.8	11.1	13.7	16.6	19.7																		
	ANGLE	15.30			1.7	2.7	3.9	5.2	6.8	8.6	10.7	12.9	15.4																		
1-1/4"	STRAIGHT	16.60			1.5	2.3	3.3	4.5	5.8	7.4	9.1	11.0	13.1	15.3	17.8					CON	ISUL	T W	ІТН І	FAC	TOR	Y IN	THIS	6 RA	NGE		
1-1/4	ANGLE	17.80			1.3	2.0	2.8	3.9	5.1	6.4	7.9	9.6	11.4	13.3	15.5				•												
4.4/0"	STRAIGHT	26.00					1.3	1.8	2.4	3.0	3.7	4.5	5.0	5.4	7.3	9.5	12.0	14.8													
1-1/2"	ANGLE	29.00					1.1	1.5	1.9	2.4	3.0	3.6	4.3	5.9	6.3	7.6	9.7	11.9													
0"	STRAIGHT	52.00												1.6	1.8	2.4	3.0	3.7	5.3	7.3	9.5	12.0	14.8								
2"	ANGLE	57.00												1.3	1.5	2.0	2.5	3.1	4.4	6.1	7.9	10.0	12.3								
0.4/0	STRAIGHT	65.00		U	SE 1	PSI	DRO	DP II	N TH	IS R	ANG	Ε		1.0	1.2	1.5	1.9	2.4	3.4	4.6	6.1	7.7	9.5	12.0	14.8	17.9	21.3				
2-1/2"	ANGLE	72.00		-												1.2	1.6	1.9	2.8	3.8	4.9	6.3	7.7	9.8	12.0	14.6	17.4				
0"	STRAIGHT	83.00															1.2	1.5	2.1	2.8	3.7	4.7	5.8	7.3	9.1	11.0	13.1	15.3	17.8	20.4	23.2
3"	ANGLE	92.00															1.0	1.2	1.7	2.3	3.0	3.8	4.7	6.0	7.4	8.9	10.6	12.5	14.5	16.6	18.9

APPLICATIONS

The 2250 Pressure Reducing Surge Anticipation Solenoid valve offers maximum performance combined with the reliability you have come to expect from Griswold Controls. The valve is intended for use in a wide variety of irrigation systems and can be used on slopes, banks and hilly terrain with no performance loss. The 2250 is designed as a normally closed master valve for systems with high supply pressure and fast-acting valves. The 2250_R can be used with Reclaimed Water.

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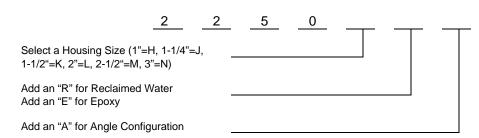
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F-4240G

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PRESSURE REDUCING

MODEL NUMBER SELECTION

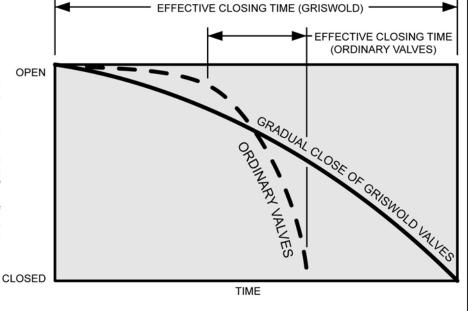


DESCRIPTION:

- Normally Closed: Energize Solenoid to Open Valve, De-Energize to Close Valve
- Lightning protected
- Watertight Epoxy Molded Solenoid Coil
- Slow Closing
- Surges Above Setting Are Automatically Relieved
- "No Surge or Hammer" Operation
- Will Throttle Against Flow Without Chatter
- Diaphragm-Disc Assembly Guided by Stainless Steel
 Stem in all Positions
- Completely Serviceable Without Removing Valve Body from the System

HAMMER-FREE, CHATTER-FREE CLOSING:

Instead of an abrupt, sudden closure, Griswold valves close gradually to eliminate water hammer and chatter, regardless of the throttled position of the diaphragm assembly. Notice in the graph how the closing action of the Griswold Valve compares to the abrupt closing action of ordinary valves. Closing speed depends on the size of the valve and flow velocity. A minimum of 5 seconds may be expected from Griswold Valves.



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