

**SPECIFICATIONS:**

<b>Operating Pressure:</b>	3 to 80 PSI
<b>Material:</b>	Cast Iron and Bronze
<b>End Connections:</b>	NPT (BSPT Optional)
<b>Voltage Operating Range:</b>	22-28 VAC
<b>Low Current Requirement:</b>	0.10 A at 24 VAC
<b>Assembly:</b>	Valve comes fully assembled
<b>Optional:</b>	Purple Handle for Reclaimed Water
<b>Optional:</b>	Epoxy Coating

**DIMENSIONS & WEIGHTS (NOMINAL)**

SIZE	MODEL NO.	A (IN)	B (IN)	C (IN)	D (IN)	APPROX SHIP WT IN LBS
1"	2030H	4.25	2.50	4.50	4.00	8.50
1-1/4"	2030J	4.25	2.75	4.50	4.00	8.25
1-1/2"	2030K	6.00	3.00	5.50	4.80	13.25
2"	2030L	6.00	3.25	7.50	6.00	19.75
2-1/2"	2030M	6.25	3.25	7.50	6.00	22.75
3"	2030N	6.50	4.50	8.50	6.00	27

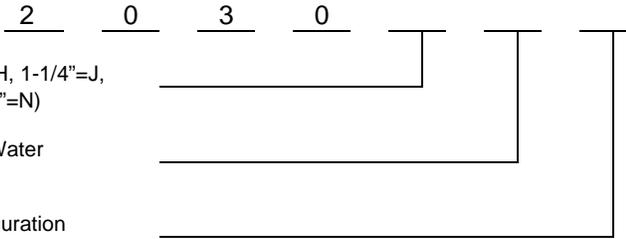
**PRESSURE LOSS (PSI) AT VARIOUS FLOWRATES**

SIZE	FLOW PATTERN	Cv	FLOWRATE (GPM)																											
			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
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	<b>CONSULT WITH FACTORY IN THIS RANGE</b>																
	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	<b>CONSULT WITH FACTORY IN THIS RANGE</b>																
	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																	
1-1/2"	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	<b>USE 1 PSI DROP IN THIS RANGE</b>															
	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																
2"	STRAIGHT	52.00	1.6	1.8	2.4	3.0	3.7	5.3	7.3	9.5	12.0	14.8	<b>USE 1 PSI DROP IN THIS RANGE</b>																	
	ANGLE	57.00	1.3	1.5	2.0	2.5	3.1	4.4	6.1	7.9	10.0	12.3																		
2-1/2"	STRAIGHT	65.00	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	<b>USE 1 PSI DROP IN THIS RANGE</b>													
	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																
3"	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	<b>USE 1 PSI DROP IN THIS RANGE</b>												
	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 2030 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 its low power consumption solenoid makes it the ideal choice for areas needing remote wiring. The 2030\_R can be used with Reclaimed Water.

MODEL NUMBER SELECTION



Select a Housing Size (1"=H, 1-1/4"=J, 1-1/2"=K, 2"=L, 2-1/2"=M, 3"=N)

Add an "R" for Reclaimed Water  
Add an "E" for Epoxy

Add an "A" for Angle Configuration



DESCRIPTION:

- Normally Closed: Energize Solenoid to Open Valve, De-Energize to Close Valve
- On/Off Solenoid Control Valve
- Watertight Epoxy Molded Solenoid Coil
- Lightning Protected
- Slow Closing
- "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
- Patented Super Low Energy Solenoid

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.

