



SPECIFICATIONS:

Operating Pressure:	2 to 200 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"	2160H	4.25	2.50	4.50	4.50	7.75
1-1/4"	2160J	4.25	2.75	4.50	4.50	7.50
1-1/2"	2160K	6.00	3.00	5.50	5.50	12.25
2"	2160L	6.00	3.25	7.50	7.50	19
2-1/2"	2160M	6.25	3.25	7.50	7.50	22
3"	2160N	6.50	4.50	8.50	8.50	26

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	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	CONSULT WITH FACTORY IN THIS RANGE																								
	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	CONSULT WITH FACTORY IN THIS RANGE																								
	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	CONSULT WITH FACTORY IN THIS RANGE																							
	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	CONSULT WITH FACTORY IN THIS RANGE																									
	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	USE 1 PSI DROP IN THIS RANGE										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	CONSULT WITH FACTORY IN THIS RANGE											
	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	CONSULT WITH FACTORY IN THIS RANGE																				
	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 2160 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. The 2160 is designed for use as a normally-open master valve. The 2160_R can be used with Reclaimed Water.

