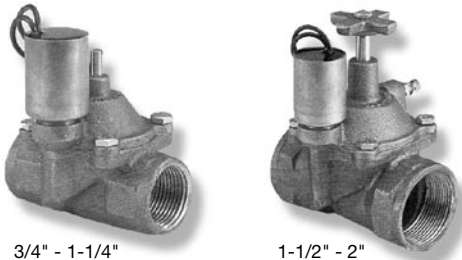


Self Cleaning Remote Control Dirty-Water Valve DWS Series



3/4" - 1-1/4"

1-1/2" - 2"

Primary Application

Features:

- Long-life bronze body
- Sludge, algae, silt and other contaminants have no effect on the valve action; self-cleaning, no filters or screens to clean
- Controlled opening and closing speed eliminates water hammer
- Valves are "normally closed"

ITEM	DESCRIPTION
27000120	DWS75 3/4 GRISWOLD BRASS VALVE
27000130	DWS100 1 GRISWOLD BRASS VALVE
27000140	DWS125 1-1/4 GRISWOLD BRASS VL
27000150	DWS150 1-1/2 GRISWOLD BRASS VL
27000160	DWS200 2 GRISWOLD BRASS VALVE

Pressure Regulating Valve DW-PRV Series



Primary Application

Pressure loss within the DW-PRV pressure control valves: The optimum sized valve may or may not be the same as the pipe size. Estimate the gallons per minute (gpm) that must flow through the valve. Then subtract the desired downstream pressure from the minimum upstream pressure. Pressure loss caused by the pressure regulation function should be less than this figure.

Features:

- Combination pressure regulating and solenoid operated
- Self-cleaning, self-purging internal control port, no screens or filters
- Controlled opening and closing speed eliminates water hammer
- Pressure regulated to any value between 5 and 100 psi with the turn of a screw

ITEM	DESCRIPTION
27000320	75 DW-PRV GRISWOLD PRES RED VL
27000330	100 DW-PRV GRISWOLD PRES RED V
27000340	125 DW-PRV GRISWOLD PRES RED V
27000350	150 DW-PRV GRISWOLD PRES RED V
27000360	200 DW-PRV GRISWOLD PRES RED V

2000 SERIES

Heavy Duty Irrigation Valves



Primary Application

Forward flow design allows valves to operate smoothly at all pressure and flow conditions. 3 to 300 psi and 0.01 to 400 gpm allow use in all types of systems. Wide control ranges for pressure-control valves. Upstream pressure variations: 3 to 300 psi. Downstream pressure adjustment: 5 to 125 psi. Copper-encased solenoids.

2000 Series

Specially designed for use with effluent, recycled, or extremely dirty water.

Features:

- General-purpose master and sub-main remote control valves
- Large irrigations systems with multiple control stations
- Recycled water, or water pumped directly from storage basins

ITEM	DESCRIPTION
27100130	2000H 1 IN GRISWOLD ELEC VALVE
27100140	2000J 1-1/4 GRISWOLD ELEC VLV
27100150	2000K 1-1/2 GRISWOLD ELEC VLV
27100160	2000L 2 IN GRISWOLD ELEC VALVE
27100170	2000M 2-1/2 GRISWOLD ELEC VLV
27100180	2000N 3 IN GRISWOD ELEC VALVE

PRESSURE LOSS (IN PSI) AT VARIOUS FLOW RATES

(minimum flow rate: .01 gpm)

Valve Size	Flow Rate (GPM)												
	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						
1-1/2"	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

2030, 2230, 2130 SERIES

Heavy Duty Irrigation Valves



For Maximum performance and longevity, no other remote-control irrigation valve can compare to the self cleaning Griswold 2000 Series valves. The unique design allows the 2000 series valve to serve dependably under the most adverse conditions. Sludge, algae, silt, and other contaminants have no effect on the valve action. There are no filters or screens to clean or replace. Instead, the mechanism cleans itself each time the valve opens and closes smoothly and quietly. The same mechanism is designed for absolute control over the speed at which the valve opens and closes. There is never any water hammer or chatter that can damage pipe joints and other sensitive parts of the irrigation systems.

All of these advantages are available in a host of different valve configurations:

- Normally Open and Normally Closed
- Pressure Reducing Valves
- Mechanical and Solenoid Valves
- Simple On-Off Controls
- Surge Anticipation

Primary Application

2030 Series

All the hydraulic and water handling features of the Model 2000 valves, plus lightning protection and extremely low-power solenoid.

Features:

- Extremely low power: 0.10 A maximum at 24 Vac
- Wide operating voltage range: 16-40 Vac Also operates with 24 Vac
- All other 2000 Series features

ITEM	DESCRIPTION
27100230	2030H 1 GRISWOLD LOW POWER RCV
27100240	2030J 1-1/4 GRSWLD LOW PWR RCV
27100250	2030K 1-1/2 GRSWLD LOW PWR RCV
27100260	2030L 2 GRISWOLD LOW POWER RCV

2230 Series

All the hydraulic, low power, and lightning-protection features of the Model 2030 valves, plus complete control over outlet pressure.

Features:

- Extremely low power: 0.10 A maximum at 24 Vac. Lightning protected
- Wide operating voltage range: 16-40 Vac. Also operates with 24 Vac.
- When manually or electrically opened, valve regulates down stream pressure
- All other 2000 Series features

ITEM	DESCRIPTION
27100330	2230H 1 IN GRISWOLD PR RED VLV
27100340	2230J 1-1/4 GRISWOLD PR RED VL
27100350	2230K 1-1/2 GRISWOLD PR RED VL
27100360	2230L 2 IN GRISWOLD PR RED VLV

2160 Solenoid Valve

Normally open master valve

Technical Features:

- Voltage operating range: 17-40 VAC
- Low current requirement: .40 A at 24 VAC

ITEM	DESCRIPTION
27100450	2160K 1-1/2 GRISWOLD ELEC VLV
27100460	2160L 2 IN GRISWOLD ELEC VALVE
27100470	2160M 2-1/2 GRISWOLD ELEC VLV
27100480	2160N 3 IN GRISWOLD ELEC VALVE

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