



Features

- 24V DC / 110V AC Power Input
- Normally Closed Safety Shut Off
- UL Listed
- Zero Differential
- 0-5 PSI Max Working Pressure
- Internal Mesh Filter
- 1/4" Inlet & Outlet Test Ports
- Visual Power Indication
- Body: Die Cast Aluminum
- Max Temp: 140F
- Min Temp: 5F

Standards



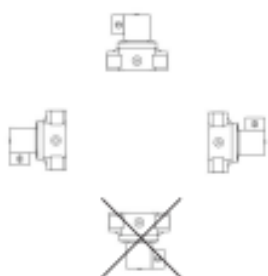
Product Overview

The CGS range of normally closed, electrically operated gas valves provide safety shut down over combustible gas such as natural (Methane) and LP (Liquefied petroleum). Closed when de-energized, open when energized.

These valves are suitable for CSD-1 applications along with on/off control on water heaters, atmospheric boilers, roof top make up air units, power burners and commercial kitchen ranges.

Add manual re-set by incorporating an CGS control or panic button.

Mounting Position



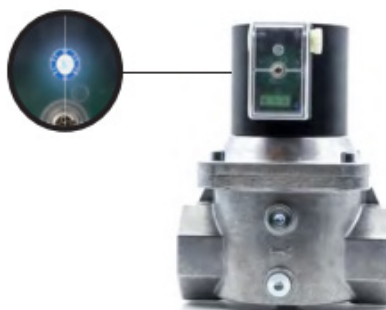
Metal shoe construction of the diaphragm allows for vertical installation, with less damage from debris and over pressure



WARNING

If the flow is not in the same direction of arrow, valve may not shut off.

Power LED Indicator



Blue LED indicates valve is receiving control voltage and should be in the open position.

Approvals

- UL YIOZ Automatic Shut Off Valves
- File MH64653

Complies with:

- AGA
- CSA/ANSI Z21.21-CGA6.5 FM
- CSD-1 Acceptable

Outdoor Installation

Add -WP Suffix for Water / Rain proof cover

Add - EN Suffix for Polycarbonate enclosure

Technical Information

Capacity

CFH at Pressure Drop of 1-Inch Water Column.

Size	M3/per/Hr	CFH	BTU/hr
0-5PSI			
1/2"	6.4	226	226,014
3/4"	14.8	523	522,657
1"	16.7	590	589,755
1+1/4"	38.5	1,360	1,369,615
1+1/2"	47.1	1,663	1,663,320
2"	66.7	2,355	2,355,488

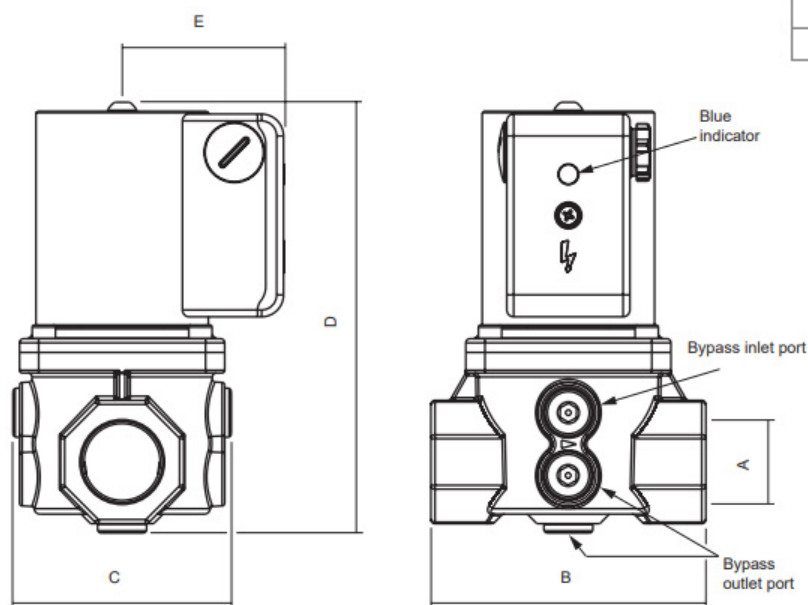
Current Draw

Pipe Size (Inch)	110Vac / 5PSI	24V DC/5PSI
1/2"	0.136A (15W)	(12W)
3/4" - 1"	0.160A (18W)	(20W)
1+1/4" - 1+1/2" - 2"	0.25A (28W)	(35W)

Sizes Available

Valve Size " (inch) NPT	CGS Part Number 0-5PSI
1/2"	CGS-GSV12
3/4"	CGS-GSV34
1"	CGS-GSV1
1+1/4"	CGS-GSV114
1+1/2"	CGS-GSV112
2"	CGS-GSV2

Dimensions



Size (Inch)	A	B	C	D	E
1/2"	1/2"	3.62"	3.00"	6.14"	2.32"
3/4"	3/4"	3.62"	3.00"	6.14"	2.32"
1"	1"	3.94"	3.15"	6.22"	2.32"
1-1/4"	1-1/4"	5.87"	4.53"	8.50"	2.80"
1-1/2"	1-1/2"	5.87"	4.53"	8.50"	2.80"
2"	2"	6.69"	5.59"	9.06"	3.00"