

# AGS-GSV

## Gas Solenoid Valves Normally Closed Safety Shut Off



24V DC / 110V AC  
Power Input



UL Listed



Normally Closed  
Safety Shutoff



1/2" to 2" NPT

## Standards



## Product Overview

The AGS 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.

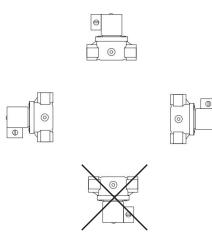
These valves are suitable for CSD-1 applications along with on/off control on water heaters, atmospheric boilers, roof top make up air units, power burners and commercial kitchen ranges.

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

## Features

- 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

## 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

## Sizes Available

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

Add -24VDC suffix for low voltage model

## Outdoor Installation:

Add -WP Suffix for Water / Rain proof cover  
Add - EN Suffix for Polycarbonate enclosure

## Technical Information:



### Capacity

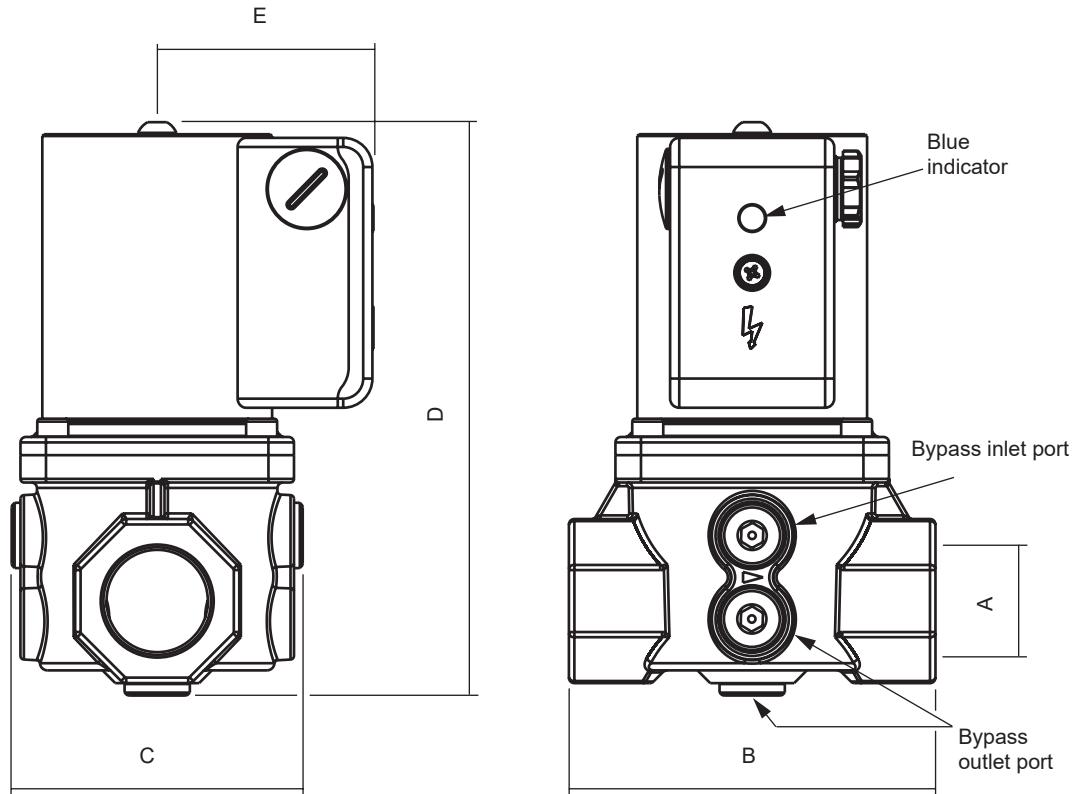
CFH at Pressure Drop of 1-Inch Water Column.

Size	M3/per/Hr	CFH	BTU/hr
<b>0-5PSI</b>			
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)

### 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"

Find out more

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