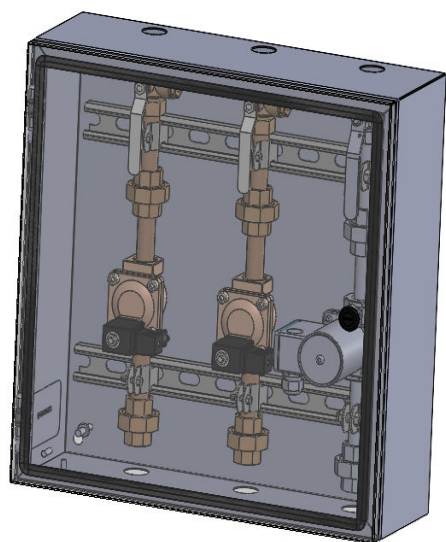


AGSSOLENC

Datasheet

Pre-assembled solenoid valve enclosures for use with AGS utility controllers.



Hinged Door
Powder Coated
Metal Enclosure



Manual Isolation Valves



UL 429 Safety
Shutoff Gas
Solenoid Valve



Normally Closed NSF
Approved Water
Solenoid Valves



Wye Strainers to
Prevent
Debris Damage



Safe for Plenum
Installation

Standards



Product Overview

AGS pre-assembled solenoid valve enclosures are designed for plug and play installation of valve components when using an AGS utility controller. The enclosure assemblies consist of a hinged door powder coated metal enclosure with one to five solenoid valves pre-mounted on a galvanized steel strut. Each solenoid valve will come complete with manual isolation valve and wye-strainer if required. Each gas and water pipe will have bulkhead unions for quick and easy installation. All of the components within the rack assemblies have been reviewed and tested by AGS engineers to ensure consistent and long term reliability. All solenoid enclosures are factory certified liquid and air tight - suitable for plenum installation.

Manual Isolation Valves:

Water: isolation valves for water are brass lead free, 2 piece, full port with internal strainer basket.
 Gas: isolation valves for gas are brass, 2 piece, full port.

Mesh Size:

60-mesh, stainless steel internal components, brass lead free body.

Strut Channels:

The strut channels are stainless steel, slotted, pre-galvanized, 12 gauge thickness.

Solenoid Valves:

Gas solenoid valves are AGS GSV series, UL 429 safety shutoff.
 Water solenoids are AGS SOLVLV series, NSF brass lead free, UL Listed.

Enclosure:

Solenoid enclosure is 16 gauge metal, powder coated light grey or stainless steel with a hinged door. Prime coat white is standard for a 16"x16"x6" flush mounted box (powder coated available upon request).

Connection Options:

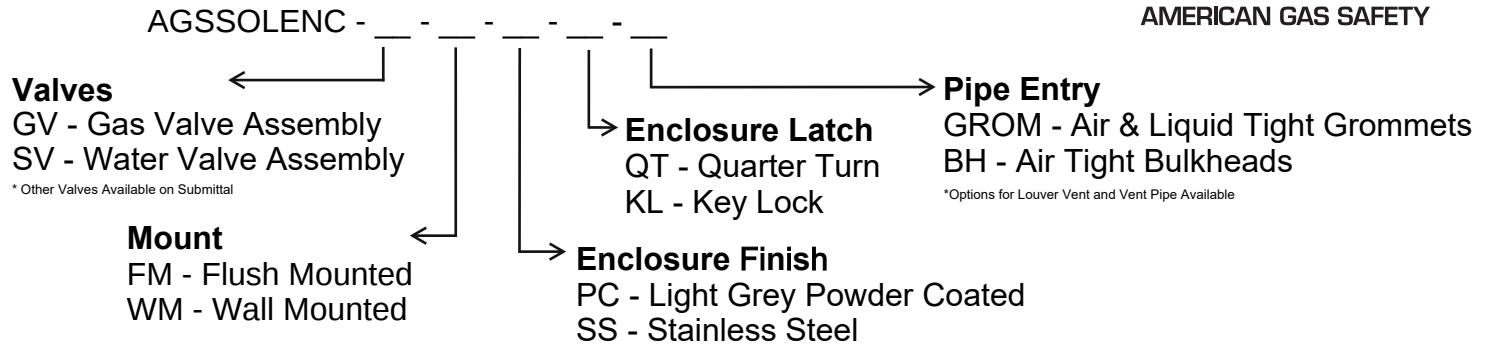
Solenoid enclosures are customizable with options to provide solutions for different install requirements. For example choose between Grommets, Liquid Tight Strain Reliefs or Bulkheads, for pipe entry and exit points.

Orientation Options:

On flush mount enclosures choose between top to bottom or bottom to top flow orientation, all other options are top to bottom



Product Selection:



Valve Selection Codes:

Gas

Code	Medium	Size (NPT)
GV12	Gas	1/2"
GV34	Gas	3/4"
GV1	Gas	1"
GV114	Gas	1 1/4"
GV112	Gas	1 1/2"

Gas Valves are AGSGSV series 0-5
 PSI, Aluminum Body, UL 429.

Water

Code	Medium	Size (NPT)
SV12	Water	1/2"
SV34	Water	3/4"
SV1	Water	1"
SV114	Water	1 1/4"
SV112	Water	1 1/2"
SV2	Water	2"

Water valves are AGS SOLVLV series,
 NSF Approved Brass Lead Free, Normally
 Closed, 120VAC.

Example Part Codes

SOLENC - GV34 - SV12 - SV1 - FM - PC - QT - GROM

Includes a 3/4" gas valve, 1/2" and 1" water solenoid
 valves, strainers, and manual isolation valve in a flush mount
 powder coated enclosure with a quarter turn latch.

SOLENC - GV1 - SV1 - WM - SS - KL - GROM

Includes a 1" gas valve, 1" water valve, strainers, and
 manual isolation valves in a wall mount, stainless steel
 enclosure with a key lock latch.

Technical Information:

Gas Valves

CFH at Pressure Drop of 1-Inch Water Column.

Size	Pressure (PSI)	Capacity (CFH)	Capacity (BTU/hr)
1/2"	0-5	226	226,014
3/4"	0-5	523	522,657
1"	0-5	590	589,755
1+1/4"	0-5	1,360	1,369,615
1+1/2"	0-5	1,663	1,663,320
2"	0-5	2,355	2,355,488

Water Valves

Size	Pressure (PSI)	Temp Range (F)	Cv
1/2"	0.5-230	32-266	4.5
3/4"	0.5-230	32-266	7.6
1"	0.5-230	32-266	12
1+1/4"	0.5-230	32-266	22
1+1/2"	0.5-230	32-266	30
2"	0.5-230	32-266	48

Find out more

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