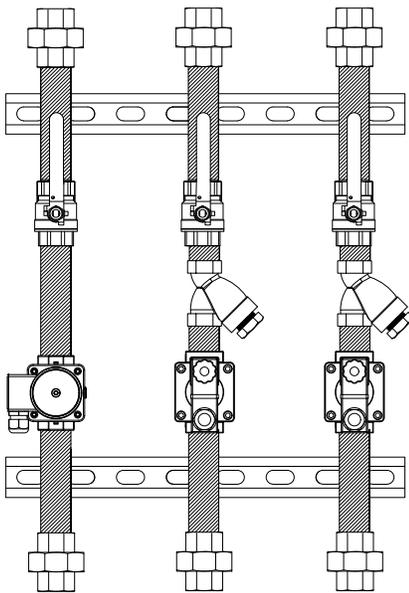


AGSSOLRACK Datasheet

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



UL 429 Safety Shutoff Gas Solenoid Valve



Manual Isolation Valves



100 MESH Y(wye) Strainers



Normally Closes NSF Approved Water Solenoid Valves

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 one to three 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 unions that extend from the end of the strut for quick and easy installation. Water connections will be press fit connections, and all gas connections are NPT thread. All of the components within the rack assemblies have been reviewed and tested by AGS engineers to ensure consistent and long term reliability.

Manual Isolation Valves:

The manual isolation valves for water are brass lead free, 2 piece, full port

Y (Wye) Strainers:

Wye strainers are 100-mesh

Strut Channels:

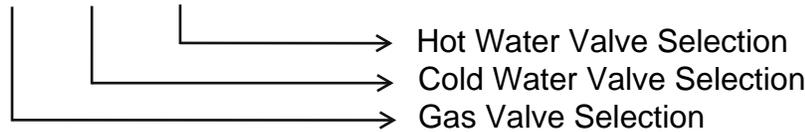
The strut channels are stainless steel, slotted, pre-galvanized, 12 gauge thickness.

Solenoid Valves:

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

Product Selection:

AGS-SOLRACK - G_ - CW_ - HW_



Selection Codes:

Part Number	Size
G12	1/2" NPT
G34	3/4" NPT
G1	1" NPT
G114	1 1/4" NPT
G112	1 1/2" NPT

Part Number	Size
CW12	1/2" NPT
CW34	3/4" NPT
CW1	1" NPT
CW114	1 1/4" NPT
CW112	1 1/2" NPT

Part Number	Size
HW12	1/2" NPT
HW34	3/4" NPT
HW1	1" NPT
HW114	1 1/4" NPT
HW2	1 1/2" NPT

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

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

Example Part Codes

AGS-SOLRACK - G34 - CW12 - HW1

Includes a 3/4" gas valve, 1/2" and 1" water solenoidvalves, wye-strainers, and manual isolation valve.

AGS-SOLRACK - G1- CW1

Includes a 1" gas valve, 1" water valve, wye-strainers, and manual isolation valves.

Technical Information:

Gas Valves

CFH at Pressure Drop of 1-Inch Water Column.

Size	Pressure (PSI)	Capacity (CFH)	Capacity (BTUhr)
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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