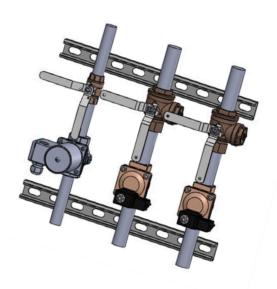


# AGS-SOLRACK Datasheet

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











**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 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 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

#### Strainers:

Wye strainers are 40-mesh

#### **Strut Channels:**

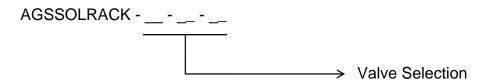
The strut channels are stainless steel, slotted, pre-galvanized, 12 gauge thickness.

#### Solenoid Valves:

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

# **Product Selection:**





# **Selection Codes:**

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 0-5PSI, Aluminum Body, UL 429,

## **Example Part Codes**

AGSSOLRACK - GV34 - SV12 - SV1 Includes a 3/4" gas valve, 1/2" and 1" water solenoid valves, wye-strainers, and manual isolation valve.

AGSSOLRACK - GV1- SV1

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

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 serires, NSF Approved Brass Lead Free, Normally Closed, 120VAC,

## **Technical Information:**

#### **Gas Valves**

CFH at Pressure Drop of 1-Inch Water Column.

Size	Pressure (PS	SI) 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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