V4295/V8295 Solenoid Valves

Honeywell



Safe And Reliable.
Easy To Install.

V4295/V8295 Solenoid Valves.

Part Of The Honeywell Commercial/Industrial Valve Offering.



The selection of gas valves offered by Honeywell are well-known throughout the industry for their quality, reliability and ease of installation. V4295/V8295 solenoid gas valves control the flow of natural and LP (liquefied petroleum) gases and are suitable for use on furnaces, ovens, atmospheric burners, commercial water heaters, rooftop make-up air units, power burners and commercial/industrial boilers. Best of all, they complete the Honeywell flame safeguard lineup, allowing you to get the most extensive flame safeguard valve offering in the industry from a single supplier.

Specifications

MODELS:	V4295A/V8295A Safety Shutoff Valve V4295S/V8295S Normally Open Vent Valve
GAS TYPE:	Natural, manufactured, mixed and LP gas
BODY MATERIAL:	Die cast aluminum
VALVE TIMING:	Opening, less than 1 second. Closing, less than 1 second.
AMBIENT TEMP.:	-40° F to 145° F (-40° C to 60° C) rating
APPROVALS:	Underwriters Laboratories, Inc., CSA, Factory Mutual (all, except 1" to 3" — 2 psi version), CSD-1 and IRI acceptable

Features

- Normally closed valves offer safety shut off with fast-open, fast-close operation.
- Normally open valves function as vent valves for double block and bleed gas valve trains with fast-close, fast-open operation.
- Positive close-off prevents gas from entering the burner when primary safety control turns burner off.
- Rugged design and construction.
- V4295A available in sizes from 3/8" to 3" (2 psi); 3/8" to 2" (5 psi); V8295A available in sizes from 3/8" to 2" (2 psi); V4295S/V8295S available in size from 3/4" to 1-1/4" (2 psi).

Easy Replacement.

You can replace existing competitive valves with minimum piping changes. Keep this cross-reference chart handy:

O.S. Number	Pipe Size (NPT)	Voltage (Vac)	Frequency (Hz)	Capacity (cfh)	Max Pressure (psi)	ASCO General Controls K3 Series	ASCO General Controls S261 Series	ASCO General Controls S262 Series*	ASCO General Controls 8040/8215 Series**	ASCO General Controls 8214 Series**
Normally Closed Safety Shutoff Valve										
V4295A1007	3/8"	120	50/60	230	2.0	K3A432T	S261SA02N3CG5 S261SF02N3CG5		8040G21	
V4295A1015	1/2"	120	50/60	250	2.0	K3A442T	S261SA02N3DG5 S261SF02N3DG5		8040G22	
V4295A1023	3/4"	120	50/60	645	2.0	K3A452T	S261SA02N3EG5 S261SF02N3EG5		8040G23/ 8030G79	
V4295A1031	1"	120	50/60	790	2.0	K3A462T	S261SA02N3FJ5 S261SF02N3FJ5		8040C4	
V4295A1049	1-1/4"	120	50/60	1,450	2.0	K3A772T	S261SA02N3GJ7 S261SF02N3GJ7		8040C5	
V4295A1056	1-1/2"	120	50/60	2,190	2.0	K3A782T	S261SA02N3HJ7 S261SF02N3HJ7			
V4295A1064	2"	120	50/60	3,465	2.0		S261SA02N3JK4 S261SF02N3JK4			
V4295A1072	2-1/2"	120	50/60	5,070	2.0		S261SA02N3KK4 S261SF02N3KK4			
V4295A1080	3"	120	50/60	6,100	2.0		S261SA02N3LK4 S261SF02N3LK4			
V4295A1098	3/8"	120	50/60	210	5.0		S261SA02N3CG5 S261SF02N3CG5		8040G8*	8214G010
V4295A1106	1/2"	120	50/60	290	5.0		S261SA02N3DG5 S261SF02N3DG5		8215G20*	8214G020 8214G030
V4295A1114	3/4"	120	50/60	610	5.0	K3A552T K3A652T	S261SA02N3EG5 S261SF02N3EG5		8215G30*	8214035
V4295A1122	1"	120	50/60	825	5.0	K3A562T K3A662T	S261SA02N3FJ5 S261SF02N3FJ5		8215B50*	8214050
V4295A1130	1-1/4"	120	50/60	1950	5.0	K3A672T K3A682T	S261SA02N3GJ7 S261SF02N3GJ7		8215B60*	8214060
V4295A1148	1-1/2"	120	50/60	2270	5.0	K3A682T	S261SA02N3HJ7 S261SF02N3HJ7		8215B70*	8214070
V4295A1155	2"	120	50/60	3740	5.0		S261SA02N3JK4 S261SF02N3JK4		8215B80*	8214080
Normally Open Vent Valve										
V4295S1005	3/4"	120	50/60	350	2.0			S262SA02N3EG5 S262SF02N3EG5	8215G033*	8214G033*
V4295S1013	1"	120	50/60	420	2.0			S262SA02N3FJ5 S262SF02N3EG5	8215G035*	8214G054*
V4295S1021	1-1/4"	120	50/60	1,100	2.0			S262SA02N3GJ7 S262SF02N3GJ7	8215G063*	8214G064*
Normally Closed Safety Shutoff Valve										
V8295A1008	3/8"	24	50/60	230	2.0	K3A431T	S261SA01N3CG5 S261SF01N3CG5		8040G21	
V8295A1016	1/2"	24	50/60	250	2.0	K3A441T	S261SA01N3DG5 S261SF01N3DG5		8040G22	
V8295A1024	3/4"	24	50/60	645	2.0	K3A451T	S261SA01N3EG5 S261SF01N3EG5		8040G23/ 8030G79	
V8295A1032	1"	24	50/60	790	2.0	K3A461T	S261SA01N3FJ5 S261SF01N3FJ5		8040C4	
V8295A1040	1-1/4"	24	50/60	1,450	2.0	K3A771T	S261SA01N3GJ7 S261SF01N3GJ7		8040GC5	
V8295A1057	1-1/2"	24	50/60	2,190	2.0	K3A781T	S261SA01N3HJ7 S261SF01N3HJ7			
V8295A1065	2"	24	50/60	3,465	2.0		S261SA01N3JK4 S261SF01N3JK4			
Normally Open Vent Valve										
V8295S1006	3/4"	24	50/60	350	2.0			S262SA01N3EG5 S261SF01N3EG5	8215G033*	8214G033*
V8295S1014	1"	24	50/60	420	2.0			S262SA01N3FJ5 S261SF01N3FJ5	8215G035*	8214G054*
V8295S1022	1-1/4"	24	50/60	1,100	2.0			S262SA01N3GJ7 S261SF01N3GJ7	8215G063*	8214G064*

*Can be replaced by V4295/V8295 in application requiring 2 / 5 psi and less. Check actual system pressure requirement.
**ASCO models available in 24V and 120V. Check voltage before ordering.
Note: Capacity is based on Natural Gas, 0.64 SG and 1" w.c. pressure drop across valve. Higher flow can be achieved by allowing higher pressure drop across the valve.

To Learn More

For more information please contact your Honeywell Distributor. Or visit **http://customer.honeywell.com.**

Automation and Control Solutions

In the U.S.:
Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992

In Canada:
Honeywell Limited
35 Dynamic Drive
Toronto, Ontario M1V 4Z9
www.honeywell.com

63-9339
May 2007
© 2007 Honeywell International Inc.