

V4295; V8295 Solenoid Gas Valves



Type of Gas: Air, natural, manufactured, mixed, and LP
Dimensions, Approximate: 4 7/16 in. high, 2 7/8 in. wide, 2 3/16 deep
 (113 mm high, 73 mm wide, 56 mm deep)
Valve pattern: Straight-through, non-offset
Electrical Terminations: screw terminal connections
Frequency: 50 Hz, 60 Hz
Inlet and Outlet Pressure Tapping: 1/4 in. NPT
Mounting Type: Vertical to 90 degrees from vertical
Temperature Ratings: -40 F to 140 F (-40 C to 60 C)
Pressure Ratings: 2 psi (13.8 kPa)
Valve Closing Time (sec): less than 1 sec

V4295A/V8295A are normally closed and V4295S/V8295S are normally open (vent) solenoid gas valve. Suitable for use on furnaces, ovens, atmospheric burners, commercial water heaters, roof-top make-up air units, power burners, and commercial/ industrial boilers.

- V4295A,S are used with 120 Vac controllers.
- V8295A,S are used with 24 Vac controllers.
- Positive close off of gas flow when de-energized.
- High valve spring force allows up to 0.7 psi back pressure at valve seat.
- No inlet pressure influence at valve seat. Inlet pressure changes do not affect ability to close valve.
- Low operating noise.
- Low rush-in current.
- Upstream and downstream taps allows tapping and testing pressure points.

Valve Opening Time: less than 1 sec

Approvals:

Canadian Standards Association: Certificate No. 158158-1154280, Guide No. C3371-03, 04, 83

Factory Mutual: Straight-through, non-offset

Underwriters Laboratories, Inc: Listed: File No. MH18476, V1, S1 - Guide No. YIOZ

Accessories:

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Product Number	Pipe size		Capacity		Current (max amps at rated Vac/Hz)	Replacement Parts	Power (Vac)
	(inch)	(mm)	cfh	m ³ /hr			
V4295A1007	3/8 in.	9 mm	230 cfh	6.5 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1015	1/2 in.	13 mm	250 cfh	7.1 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1023	3/4 in.	19 mm	645 cfh	18.3 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1031	1 in.	25 mm	790 cfh	22.4 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1049	1 1/4 in.	32 mm	1450 cfh	41.0 m ³ /hr	0.340 amps	BBA51303 Coil Assembly	120 Vac
V4295A1056	1 1/2 in.	38 mm	2190 cfh	62.0 m ³ /hr	0.300 amps	BBA51301 Coil Assembly	120 Vac
V4295A1064	2 in.	51 mm	3465 cfh	98.1 m ³ /hr	0.525 amps	BBA51304 Coil Assembly	120 Vac
V4295A1072	2-1/2 in.	64 mm	5070 cfh	143.5 m ³ /hr	0.575 amps	BBA51305 Coil Assembly	120 Vac
V4295A1080	3 in.	76 mm	6100 cfh	172.7 m ³ /hr	0.675 amps	BBA51306 Coil Assembly	120 Vac
V4295A1098	3/8 in.	9 mm	210 cfh	5.9 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1106	1/2 in.	13 mm	290 cfh	8.2 m ³ /hr	0.160 amps	BBA51302 Coil Assembly	120 Vac
V4295A1114	3/4 in.	19 mm	610 cfh	17.3 m ³ /hr	0.2 amps	BBA51314 Coil Assembly	120 Vac
V4295A1122	1 in.	25 mm	825 cfh	23.4 m ³ /hr	0.2 amps	BBA51309 Coil Assembly	120 Vac
V4295A1130	1 1/4 in.	32 mm	1950 cfh	55.2 m ³ /hr	0.550 amps	BBA51310 Coil Assembly	120 Vac
V4295A1148	1 1/2 in.	38 mm	2270 cfh	64.3 m ³ /hr	0.550 amps	BBA51310 Coil Assembly	120 Vac
V4295A1155	2 in.	51 mm	3740 cfh	105.9 m ³ /hr	0.540 amps	BBA51311 Coil Assembly	120 Vac
V4295S1005	3/4 in.	19 mm	350 cfh	9.9 m ³ /hr	0.160 amps	BBA51307 Coil Assembly	120 Vac
V4295S1013	1 in.	25 mm	420 cfh	11.9 m ³ /hr	0.160 amps	BBA51307 Coil Assembly	120 Vac
V4295S1021	1 1/4 in.	32 mm	1100 cfh	31.1 m ³ /hr	0.340 amps	BBA51308 Coil Assembly	120 Vac
V8295A1008	3/8 in.	9 mm	230 cfh	6.5 m ³ /hr	0.8 amps	BBA52402 Coil Assembly	24 Vac
V8295A1016	1/2 in.	13 mm	250 cfh	7.1 m ³ /hr	0.8 amps	BBA52402 Coil Assembly	24 Vac
V8295A1024	3/4 in.	19 mm	645 cfh	18.3 m ³ /hr	0.8 amps	BBA52402 Coil Assembly	24 Vac
V8295A1032	1 in.	25 mm	790 cfh	22.4 m ³ /hr	0.8 amps	BBA52402 Coil Assembly	24 Vac