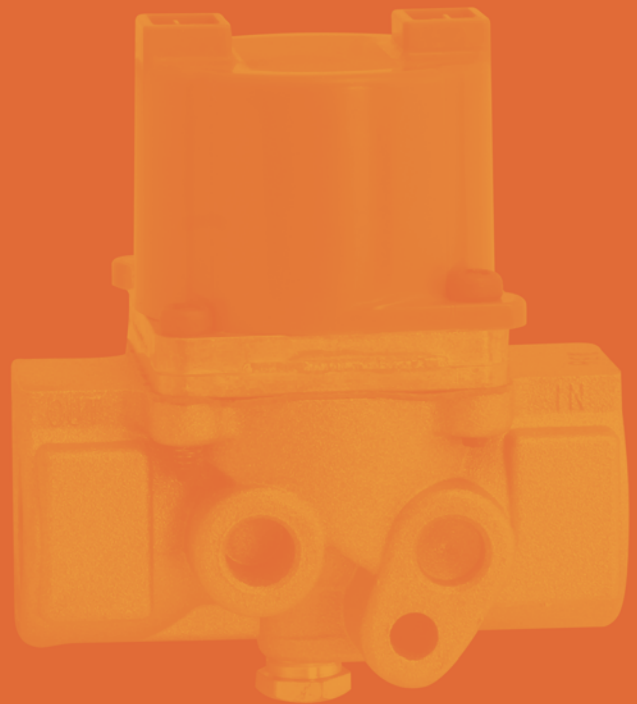


Electrically-Operated Single Gas Valves





BASO Gas Products LLC

H91 Series BASOTROL® Automatic Gas Valve



Description

The H91 Series automatic gas valves are electrically operated shutoff valves that automatically open and close on a demand signal from a thermostat or other controlling device. Typical applications include heaters, wall furnaces, commercial cooking equipment, water heaters, boilers, generators, commercial dryers, and similar applications. The H91 can be used with natural gas and LP gas at pressures up to 0.5 psi. Several voltage and cover options are available and sizes range from 1/8 in. to 1 in. NPT, including some compression fitting options.

Specifications

- Maximum inlet pressure is 0.5 psi
- Permissible ambient (surface) temperature is
-40 to 175°F (-40 to 80°C) CSA
-40 to 140°F (-40 to 60°C) UL

Agency Listing

- CSA (AGA/CGA) Certificate Number 229521-1656058
- Australian Gas Association Certificate Number 4235 (H91A_, B_, C_, D_, E_, L_, and M_ models only)
- UL Recognized File Number MH5939 (H91A_, B_, C_, D_, E_, J_, L_, and W_ models only)

To Order

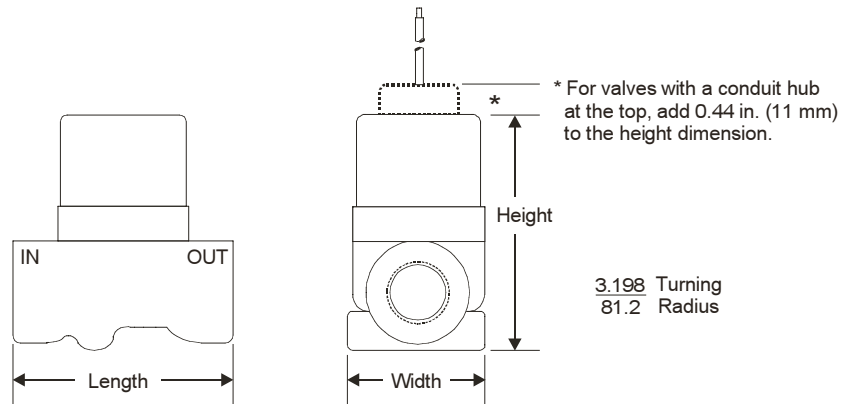
To order genuine BASO products, call 1-877-227-6427 (1-877-BASOGAS). Specify the code number from the following selection chart.

Other models may be made available depending upon customer requirements. Contact BASO Gas Products for availability of products not shown or for information about UL Listed models.

Selection Chart

Code Number	Inlet and Outlet Female NPT	Natural Gas Capacity Btu/hr at 1 in. Pressure Drop	Voltage	Pressure Tap/Pilot Tap (in.) NPT	Electrical Connection
H91AA-4	1/8 in. x 1/8 in.	70,000	120V, 60 Hz	None	30 in. leads
H91AA-5			120V, 60 Hz	None	30 in. leads
H91AA-6			120V, 60 Hz	1/8-27 left	24 in. leads
H91AA-7			120V, 60 Hz	None	60 in. leads
H91AG-2			25V, 60 Hz	None	1/4 in. male spade
H91BA-3	1/4 in. x 1/4 in.	100,000	120V, 60 Hz	None	30 in. leads
H91BA-7			120V, 60 Hz	None	36 in. leads
H91BA-11			120V, 60 Hz	None	90 in. leads
H91BG-2			25V, 60 Hz	1/8-27 right	12 in. leads
H91BG-6			25V, 60 Hz	1/8-27 right	1/4 in. male spade
H91CA-12	3/8 in. x 3/8 in.	115,000	120V, 60 Hz	None	48 in. leads
H91CA-21			120V, 60 Hz	None	1/4 in. male spade
H91CA-24			120V, 60 Hz	1/8-27 left	8 in. leads

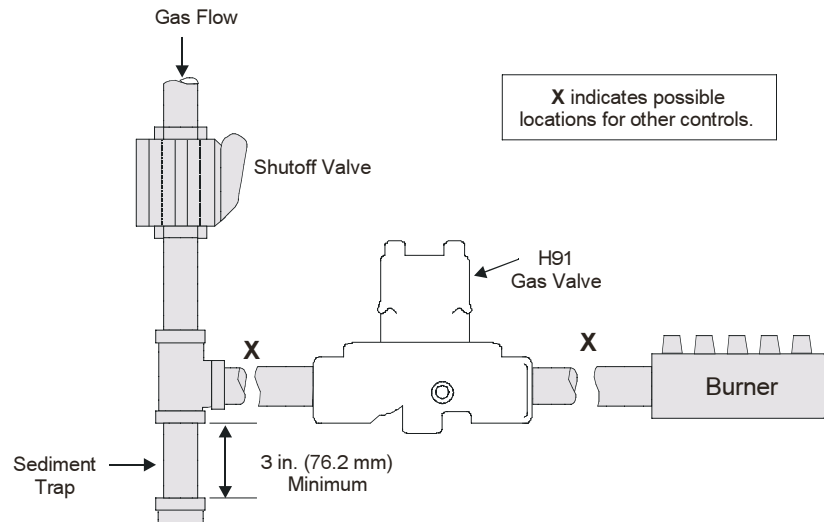
Code Number	Inlet and Outlet Female NPT	Natural Gas Capacity Btu/hr at 1 in. Pressure Drop	Voltage	Pressure Tap/Pilot Tap (in.) NPT	Electrical Connection
H91CG-8	3/8 in. x 3/8 in.	115,000	25V, 60 Hz	None	1/4 in. male spade
H91CG-12			25V, 60 Hz	1/8-27 bottom/ 1/8-27 left & right	30 in. leads
H91DA-1	1/2 in. x 1/2 in.	240,000	120V, 60 Hz	None	30 in. leads
H91DA-7			120V, 60 Hz	1/8-27 bottom	1/4 in. male spade
H91DA-8			120V, 60 Hz	1/8-27 left/ 1/8-27 right	48 in. leads
H91DB-2			240V, 60 Hz	None	1/4 in. male spade
H91DG-2			25V, 60 Hz	None	1/4 in. male spade
H91DG-4			25V, 60 Hz	None	30 in. leads
H91DG-11			25V, 60 Hz	1/8-27 right	1/4 in. male spade
H91DG-12			25V, 60 Hz	None	30 in. leads
H91EA-5	1/2 in. x 1/2 in.	311,000	120V, 60 Hz	1/8-27 left & right/ 1/8-27 left & right	30 in. leads
H91EA-8			120V, 60 Hz	1/8-27 left & right/ 1/8-27 left & right	36 in. leads
H91ES-1			208/240V, 60 Hz	1/8-27 left & right/ 1/8-27 left & right	30 in. leads
H91JV-1	1/2 in. x 1/2 in.	240,000	12 VDC	None	1/4 in. male spade
H91LA-1	3/4 in. x 3/4 in.	430,000	120V, 60 Hz	None	30 in. leads
H91LG-7			25V, 60 Hz	1/8-27 bottom	30 in. leads
H91LG-8			25V, 60 Hz	1/8-27 left	1/4 in. male spade
H91LG-9			25V, 60 Hz	1/8-27 right	1/4 in. male spade
H91LG-12			25V, 60 Hz	1/8-27 right/ 1/8-27 bottom	30 in. leads
H91MA-4	1 in. x 1 in.	505,000	120V, 60 Hz	1/8-27 bottom/ 1/8-27 left & right	30 in. leads
H91MB-1			240V, 60 Hz	None	30 in. leads
H91MG-8			25V, 60 Hz	1/8-27 bottom/ 1/8-27 left & right	1/4 in. male spade
H91RA-1	3/4 in. x 3/4 in.	325,000	120V, 60 Hz	1/8-27 left/ 1/8-27 right	48 in. leads
H91RA-4			120V, 60 Hz	1/8-27 left & right	30 in. leads
H91RG-1			25V, 60 Hz	1/8-27 bottom/ 1/8-27 left & right	1/4 in. male spade
H91RG-2			25V, 60 Hz	1/8-27 left & right	1/4 in. male spade
H91RS-2			208/240V, 60 Hz	None/1/8-27 left & right	30 in. leads
H91SA-2	1/2 in. x 1/2 in. cc	160,000	120V, 60 Hz	1/8-27 left & right	1/4 in. male spade
H91SG-1			25V, 60 Hz	1/8-27 right	1/4 in. male spade
H91VA-1	3/8 in. x 3/8 in. cc	55,000	120V, 60 Hz	None	1/4 in. male spade
H91WA-4	1/4 in. x 1/4 in. cc	42,000	120V, 60 Hz	1/8-27 left	30 in. leads
H91WG-1			25V, 60 Hz	None	1/4 in. male spade
H91WG-6			25V, 60 Hz	None	30 in. leads



H91 Dimensions

Dimensions

Code Number	Height		Width		Length	
	in.	mm	in.	mm	in.	mm
H91A_	2.88	73	1.75	44	2.53	64
H91B_	2.88	73	1.75	44	2.53	64
H91C_	2.88	73	1.75	44	2.53	64
H91D_	3.00	76	1.84	47	3.00	76
H91E_	3.22	82	1.84	47	3.00	76
H91J_	3.22	82	1.84	47	3.00	76
H91L_	3.72	94	2.63	67	3.50	89
H91M_	4.06	103	2.63	67	3.50	89
H91R_	3.22	82	1.84	47	3.00	76
H91S_	3.22	82	1.84	47	3.00	76
H91V_	2.88	73	1.75	44	2.53	64
H91W_	2.88	73	1.75	44	2.53	64

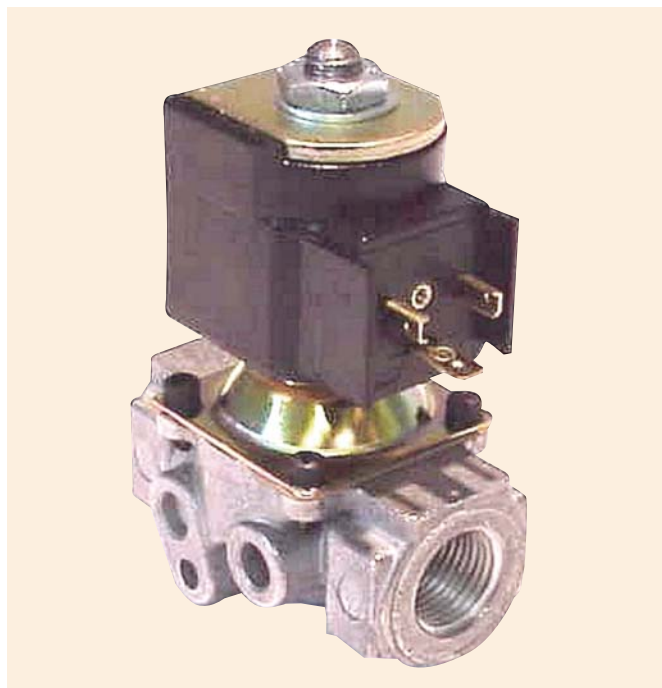


Typical H91 Installation



BASO Gas Products LLC

H96 Series BASOTROL® CE Approved Gas Valve



Description

The H96 Series automatic gas valves are electrically operated shutoff valves that automatically open and close on a demand signal from a thermostat or other controlling device. Typical applications include heaters, wall furnaces, commercial cooking equipment, and similar applications. The H96 can be used with natural gas and LP gas at pressures up to 0.5 psi. Its compact size permits installation in space restrictive applications.

Specifications

- Maximum inlet pressure is 0.5 psi
- Permissible ambient (surface) temperature is 32 to 160°F (0 to 70°C)

Agency Listing

- CSA (AGA/CGA) Pending
- Australian Gas Association (AGA) Pending
- CE Approval Pending

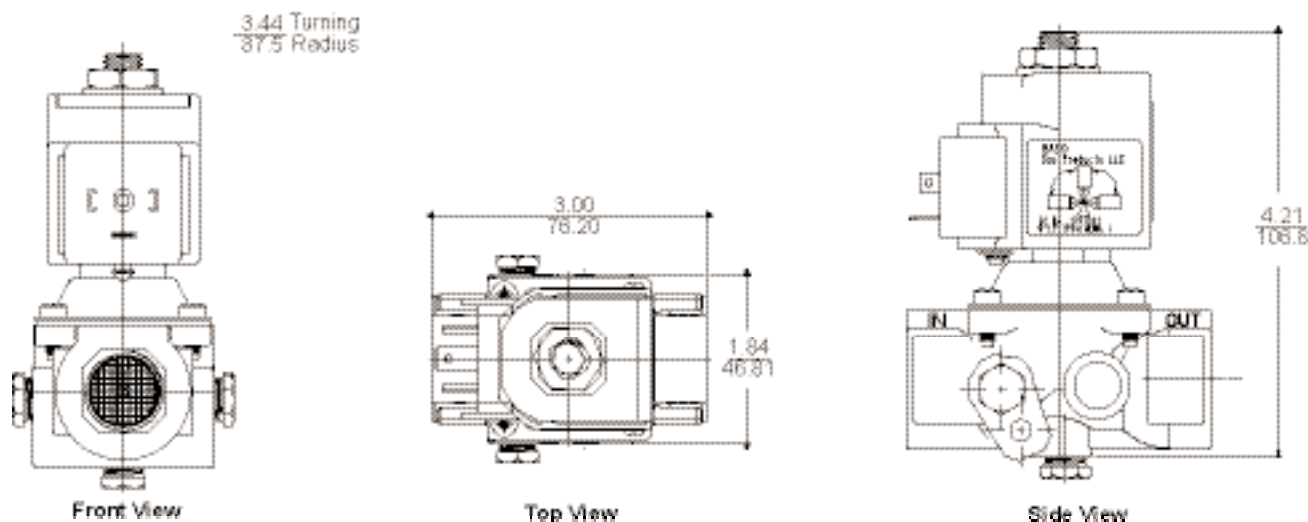
To Order

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Other models may be made available depending upon customer requirements. Contact BASO Gas Products for availability of products not shown.

Selection Chart

Code Number	Inlet and Outlet Female NPT	VAC (50/60 Hz)	Pilot Tap (in.) NPT	Pressure Tap (in.) NPT
H96BADE-1	1/2 in. x 1/2 in.	24	1/8-27 left and right	1/8-27 bottom
H96BEDE-1		120		
H96CADE-1	3/4 in. x 3/4 in.	24		
H96CEDE-1		120		



H96 Dimensions (in./mm)