



36C Series



**36C SNAP OPEN, SINGLE FUNCTION, HSI, DSI,
AND STANDING PILOT GAS VALVES**

A Wide Range of Replacement Valves for the Professional Installer

SPECIFICATIONS

Electrical Rating	0.23 amps
Ambient Operating Range	-40 to +175°F (-40 to 79°C)
Maximum Pressure Rating	1/2 PSI (14.0" W.C.)
Pilot Gas Connection	1/4" compression fitting
Pressure Tap	1/8" N.P.T.

Pipe Size	1" Pressure Drop Capacity		Rated Range of Regulation	
	BTU/HR		BTU/HR	
	AGA STD. NAT GAS 1000 BTU/CU. FT.	LP GAS 2500 BTU/CU. FT.	AGA STD. NAT GAS 1000 BTU/CU. FT.	LP GAS 2500 BTU/CU. FT.
1/2 X 3/8	100,000	162,000	15,000-100,000	15,000-162,000
1/2 X 1/2	230,000	372,600	30,000-290,000	30,000-469,000
1/2 X 3/4	230,000	372,600	30,000-290,000	30,000-469,000
3/4 X 3/4	280,000	453,600	50,000-400,000	50,000-648,000

PARTS AND ACCESSORIES See end of this section for parts and accessories

SNAP OPEN, SINGLE FUNCTION, STANDING PILOT GAS VALVES

Model Number	Typical App.	Coil Voltage	Gas Type	Pipe Size	Opening Characteristic	Regulator Setting	Regulator Adjustment Range	Convertible Nat./LP	LP Conversion Kit Included	Line Interrupter	Flow Direction	Reducer Bushing Kit	Inlet Pressure Tap	Side Taps	Internal Wiring See Figure ①
36C01-405	Snap Open	24VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	No	No	1
36C01A-405	Snap Open	120VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	No	No	3
36C03-300	Standing Pilot	24VAC	Natural	1/2 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	No	No	1
36C03-333	Standing Pilot	24VAC	Natural	1/2 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	No	Yes	1
36C03-400	Standing Pilot	24VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	No	No	1
36C03-433	Standing Pilot	24VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	Yes	Yes	1
36C03A-410	Standing Pilot	120VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	No	No	3
36C03U-333	Standing Pilot	750mV	Natural	1/2 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	Yes	Yes	2
36C03U-433	Standing Pilot	750mV	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	Yes	Str. Thru	Yes	Yes	Yes	2
36C04U-438	Standing Pilot	750mV	Natural	3/4 x 3/4	Step Open	0.7/3.5"	2.5"-5.0"	No	No	Yes	Str. Thru	Yes	No	No	2
36C12-310	Standing Pilot	24VAC	Natural or LP	1/2 x 3/4	Step Open	Nat. 3.5" LP 11.0"	Non-Adjustable	Yes	Yes	Yes	Str. Thru	Yes	No	Yes	1
36C21-411	Single Function ON/OFF	24VAC	Natural or LP	3/4 x 3/4	N/A	N/A	No Regulator	N/A	N/A	No	Str. Thru	No	No	Yes	1
36C21U-206	Single Function ON/OFF	750mV	Natural or LP	1/2 x 1/2	N/A	N/A	No Regulator	N/A	N/A	No	Str. Thru	No	No	Yes	2
36C53-418	Standing Pilot	24VAC	Natural	3/4 x 3/4	Slow Open	3.5"	2.5"-5.0"	Yes	No	Yes	Str. Thru	Yes	No	No	1
36C67-188	Standing Pilot	24VAC	Natural	1/2 x 3/8	Step Open	Nat 3.5" LP 11.0"	Non-Adjustable	Yes	Yes	Yes	RAL ②	No	No	Yes	1
36C67-189	Standing Pilot	24VAC	Natural	1/2 x 3/8	Step Open	Nat 3.5" LP 11.0"	Non-Adjustable	Yes	Yes	Yes	RAR ②	No	No	Yes	10
36C01A-201	Snap Open	120VAC	Natural	1/2 x 1/2	Fast Open	6.0"	4.2"-11.0"	No	No	No	Str. Thru	No	Yes	No	3
36C03-258	Standing Pilot	24VAC	Natural	1/2 x 1/2	Fast Open	3.5"	2.5"-5.0"	No	No	Yes	Str. Thru	No	Yes	No	1

HSI/DSI VALVES

36C74-413	Step Open	24VAC	Natural	3/4 x 3/4	Step	0.9"/3.5"	2.5"-5.0"	No	No	No	Str. Thru	Yes	Yes	No	5
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① Wiring diagrams – see pages 250-253

② RAL = Right Angle Left, RAR = Right Angle Right

✦ Indicates Canadian Model Number