



**36C84-912**

**36C CYCLE PILOT GAS VALVES**

With Redundant Pilot Solenoid Main Gas Regulator, Integral Gas Pressure Switch and Electrical Connection on the Gas Valve for Mercury Flame Sensor Connection

**SPECIFICATIONS**

Electrical Rating . . . . . 0.6 amps  
 End to End Dimensions . . . . . 3<sup>15</sup>/<sub>16</sub>"  
 Ambient Operating Range . . . . . -40 to +175°F (-40 to 79°C)  
 Maximum Pressure Rating . . . . . 1/2 PSI (14.0" W.C.)  
 Agency . . . . . A.G.A. and C.G.A. design certified

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



**TECHNICAL HELP**

Wiring Diagrams . . . . . See pages 250-253

	Model Number	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
NEW!	36C84-912	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	7
NEW!	36C84-913	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	12
NEW!	36C84-921	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	7
NEW!	36C84-923	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	No	No	No	Str. Thru	No	Yes	No	14
NEW!	36C84-926	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	No	No	No	Str. Thru	Yes	No	No	4
NEW!	36C84-945	24 VAC	Natural	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	8
NEW!	36C87-944	24 VAC	Natural	3/4 x 3/4	Step Open 1.0	1.0"/3.5"	2.5"-5.0"	No	No	No	Str. Thru	Yes	No	No	11
NEW!	36C94-906	24 VAC	Natural	3/4 x 3/4	Slow Open	3.5"	2.5"-5.0"	No	No	No	Str. Thru	Yes	No	No	7
NEW!	36C94-907	24 VAC	Natural	3/4 x 3/4	Slow Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	No	No	4

① Wiring diagrams – see pages 250-253

**NOTE:** -9XX series replaces -4XX series. Knob replaced with an ON-OFF switch.