



764-702

**764 SERIES THERMOCOUPLE OPERATED
GAS PILOT SAFETY/GAS FIREPLACE VALVES**

In Line Appliance Control with 100% Shut Off

FEATURES / SPECIFICATIONS / PART AND ACCESSORIES

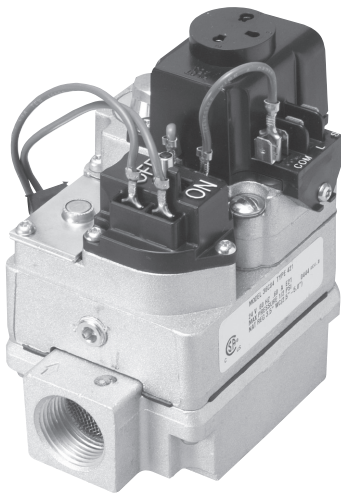
- Redesigned to include 100 PSI protection, inlet screen and inlet pipe stop.
- Optional rear inlet tapped and plugged.
- May be mounted horizontal, vertical and 90° from horizontal (multipoise).

Electrical Rating	20 to 30 mV (Thermocouple)
Regulator Adjustment Range	Non-regulated
Maximum Pressure Rating	1/2 PSI (14.0" W.C.)
Ambient Operating Range	-40 to 250°F
Swing Radius	2.5"
Agency	C.S.A. approved

- F42-0895 — Replacement knob

Model Number	Coil Voltage	Inlet-Outlet Size	Capacity A.G.A. Standard Gas ①	Electrical Connections
764-702	20 to 30 mV	3/8" x 3/8"	132,000	Thermocouple
764-742	20 to 30 mV	1/2" x 1/2"	142,000	Thermocouple

① See page 221 for capacities of other gases



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 ⁵ / ₁₆ "
Ambient Operating Range	-40 to +175°F (-40 to 79°C)
Maximum Pressure Rating	1/2 PSI (14.0" W.C.)
Agency	C.S.A. approved

Pipe Size	1" Pressure Drop Capacity		Rated Range of Regulation	
	BTU/HR		BTU/HR	
	STD. NAT GAS 1000 BTU/CU. FT.	LP GAS 2500 BTU/CU. FT.	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 172-175

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
36C84-912	24 VAC	Nat./LP	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	7
36C84-913	24 VAC	Nat./LP	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	12
36C84-921	24 VAC	Nat./LP	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	7
36C84-923	24 VAC	Nat./LP	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	No	No	No	Str. Thru	No	Yes	No	14
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
36C84-945	24 VAC	Nat./LP	3/4 x 3/4	Fast Open	3.5"	2.5"-5.0"	Yes	Yes	No	Str. Thru	Yes	Yes	No	8
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
36C94-907	24 VAC	Nat./LP	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 172-175

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