

36C84-912

36C Cycle Pilot Gas Valves

Ideal general purpose replacements for Cycle-Pilot Intermittent Ignition systems

Features

- Straight through design
- Mounting position upright, or 0° to 90° from upright in any direction
- Inlet/outlet reducer bushings

Specifications

Electrical rating.....0.6 amps
Maximum pressure rating.....1/2 PSI (14.0" W.C.)
Ambient operating range.....-40 to 175°F (-40 to 79°C)
UR/CUR file number.....MP1323
CSA/CUS certificate number.....1113449

Pipe size	1" Pressure drop capacity BTU/hr		Range of regulation BTU/hr	
	1" Pressure drop capacity natural gas .64 Sp. Gr. (1000 Btu/ft3)	1" Pressure drop capacity LP gas 1.53 Sp. Gr. (2500 Btu/ft3)	Range of regulation natural gas .64 Sp. Gr. (1000 Btu/ft3)	Range of regulation LP gas 1.53 Sp. Gr. (2500 Btu/ft3)
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

36C Series Cycle Pilot

Voltage	Stages / opening	Pipe size	Regulator setting	Natural gas adj. range (wc)	Lp gas adj. range (wc)	LP kit incl	Reducer bushing kit	Flow direction	Side taps	Inlet / outlet pressure tap	Intermittent / proven pilot	Internal wiring see figure	Model number	Item number
24 VAC 60 Hz	1 - Stage Fast Opening	3/4" x 3/4"	3.5"	2.5"–5.0"	7.5"-12.0"	Yes	Yes	Str. Thru	No	Yes / Yes	Cycle Pilot	7	36C84-912	36C84 912
24 VAC 60 Hz	1 - Stage Fast Opening	3/4" x 3/4"	3.5"	2.5"–5.0"	7.5"-12.0"	Yes	Yes	Str. Thru	No	Yes / Yes	Cycle Pilot	7	36C84-921	36C84 921
24 VAC 60 Hz	1 - Stage Fast Opening	3/4" x 3/4"	3.5"	2.5"–5.0"	Nat. Only	No	No	Str. Thru	No	Yes / Yes	Cycle Pilot	14	36C84-923	36C84 923
24 VAC 60 Hz	1 - Stage Fast Opening	3/4" x 3/4"	3.5"	2.5"–5.0"	7.5"-12.0"	Yes	Yes	Str. Thru	No	Yes / Yes	Cycle Pilot	8	36C84-945	36C84 945
24 VAC 60 Hz	1 - Stage Fast Opening	3/4" x 3/4"	3.5"	2.5"–5.0"	Nat. Only	No	Yes	Str. Thru	No	Yes / Yes	Cycle Pilot	7	36C94-906	36C94 906

NOTE: Not for Standing Pilot / HSI / DSI.
NOTE: -9XX series replaces -4XX series. Knob replaced with an ON-OFF switch.
See White-Rodgers General information for capacities of other gases.

Parts and accessories

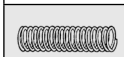
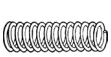
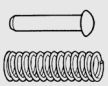
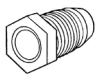
Image	Description	Model number	Item number
	Bracket for Bryant pilots when retrofitting with Cycle-Pilot®.	F6-1794	F0006 179400B1
	LP to Natural Gas Conversion Kit for Use On Single Stage 36C, D, E, F, G, H, J Valves, Regulation Range 2.5" to 5.0"W.C.	F92-0656	F0092 065600S1
	Natural to Regulated LP Gas Conversion Kit for Use On Single Stage 36C, D, E, F, G, H, J Valves. Regulation Range 7.0" to 12.0"W.C.	F92-0659	F0092 065900S1
	Natural to Unregulated LP Gas Conversion Kit for All 36C00 Valves. Use With External Regulator Set for LP Gas	F92-0737	F0092 073700S1

Image	Description	Model number	Item number
	Gas valve pilot fitting1/4" brass compression fitting for pilot line connections.	F69-0727	F0069 072700S1
	36" replacement harness assembly for connection of 5059-23 to 36C84-426 in the 21D18-3 Cycle-Pilot® retrofit kit.	F115-0064	F0115 006400S1
	36" replacement harness assembly for connection of 5059-23 to 36E86- 302 in the 21D18-14 Cycle-Pilot® retrofit kit.	F115-0087	F0115 008700