



36G22-254

## 36G / J SERIES HSI / DSI / INTERMITTENT / PROVEN PILOT

Electronic ignition gas valve. The versatile 36G/36J series combination gas valve covers a wide range of applications. Designed for use with common ignition systems (HSI/DSI/Intermittent/Proven Pilot). This series is our most compact footprint combination gas valve.

### FEATURES

- Designed for hot surface, direct spark and intermittent pilot ignition systems and features a compact footprint and versatile range
- Fast open, slow open, single and two stage models
- Electric on-off switch and convenient quick connect coil terminals and built-in pressure taps
- Tamper resistant screws and controlled gasket compression to withstand high inlet pressures
- Mounts in any position including upside down

### SPECIFICATIONS

Operating Voltage.....	24 VAC 50/60 Hz
Electrical Rating - Single Stage.....	.3 amps
Electrical Rating - Two Stage.....	.43 amps
Ambient Operating Range.....	-40 to 175°F (-40 to 79°C)
Maximum Pressure Rating.....	1/2" PSI (14.0" WC)
CSA/CUS Certificate Number.....	1175379
.....	CE (36J)

VALVE (STAGES)	PIPE SIZE	1" PRESSURE DROP CAPACITY NATURAL GAS .64 SP. GR. (1000 BTU/FT <sup>3</sup> )	1" PRESSURE DROP CAPACITY LP GAS 1.53 SP. GR. (2500 BTU/FT <sup>3</sup> )	RANGE OF REGULATION NATURAL GAS.64 SP. GR. (1000 BTU/FT <sup>3</sup> )	RANGE OF REGULATION LP GAS 1.53 SP. GR. (2500 BTU/FT <sup>3</sup> )
Single	1/2" x 1/2"	140,000	226,800	40,000-210,000	60,000-340,000
Two	1/2" x 1/2"	140,000	226,800	20,000 Low-210,000 High	32,000 Low-340,000 High
Modulating	1/2" x 1/2"	140,000	226,800	20,000-210,000	32,600-340,000

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VOLTAGE	STAGES / OPENING	PIPE SIZE	REGULATOR SETTING	NATURAL GAS ADJ. RANGE (WC)	LP GAS ADJ. RANGE (WC)	LP KIT INCLUDED	REDUCER BUSHING KIT	FLOW DIRECTION	SIDE TAPS	INLET / OUTLET PRESSURE TAP	HSI / DSI	INTERMITTENT / PROVEN PILOT	FLANGE MOUNT CAPABLE	MODEL NUMBER	ITEM NUMBER
24 VAC 50/60Hz	1 - Stage Fast Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	No**	No	Str. Thru	No	Yes / Yes*	Yes	No	No	36G22-254	36G22-254
24 VAC 50/60Hz	1 - Stage Fast Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	Yes	No	Str. Thru	No	Yes / Yes* NPT & Towers	Yes	Yes	Yes	36G32-500	36G32-500
24 VAC 50/60Hz	1 - Stage Slow Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	Yes	No	Str. Thru	No	Yes / Yes* NPT & Towers	Yes	Yes	Yes	36G33-500	36G33-500
24 VAC 50/60Hz	1 - Stage Fast Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	Yes	Yes	Str. Thru	No	Yes / Yes	Yes	No	No	36J22-214	36J22-214
24 Vac 50/60Hz	1 - Stage Fast Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	Yes	No	Str. Thru	No	Yes / Yes	Yes	No	No	36J22Y-212	36J22Y-212
24 VAC 50/60Hz	1 - Stage Slow Open	1/2" X 1/2"	3.5"	2.5"-5.0"	7.0"-12.0"	Yes	Yes	Str. Thru	No	Yes / Yes	Yes	No	No	36J24-214	36J24-214

\* NOTE: Not for Standing Pilot.

\*\* To measure outlet pressure on valves, loosen outlet pressure tap screw one quarter turn and put manometer hose over the top of the outlet pressure tap. Use F92-0659 to convert to regulated L.P. gas. See White-Rodgers General Information for capacities of other gases.