

GAS VALVES

Honeywell

Intermittent Pilot, Dual Automatic Valve, Combination Gas Controls

For use in 24 Vac, gas-fired, intermittent pilot appliances with capacities from 30 to 415 cfh. Natural gas applications. For use with Honeywell S86F; H; S860D; S8600F, H; S8610 and S90A, B control modules.

FEATURES:

- Compact size.
- Meets codes requiring dual safety shutoff.
- All adjustments, wiring connections and pilot outlet are accessible from top of control.
- Compatible with ECO connector.
- Includes natural to LP gas conversion kit #393691.
- Adjustable servo regulator effectively maintains almost constant gas output pressure under wide fluctuations in gas supply pressure.
- ON-OFF lighting sequence.

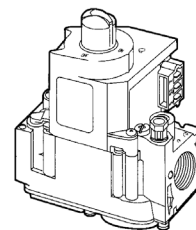
INCLUDES:

- Safety shutoff.
- Manual valve.
- 2 automatic operators.
- Standard opening type pressure regulator.
- Pilot adjustment.

OPERATION:

Solenoid-operated first automatic valve opens on thermostat call for heat; closes when call for heat ends. Diaphragm-operated second automatic valve opens under control of regulator; closes if gas or power supply is interrupted.

Body Pattern:	Straight through with 1/2" x 1/2" and 1/2" x 3/4" inlets and outlets
Electrical Connections:	1/4" male quick connects
Mounting:	0 - 90° in any direction from upright position of knob, including vertical
Ignition Type:	Intermittent pilot
Temp. Range:	-40 - 175°F
Ambient Temp.:	0 - 175°F
Pilot Outlet:	Compression fitting for 1/4" tubing
Pressure Rating:	1/2 psi; 3.5 kPa
Pressure Tapping:	1/8" NPT with plug
Replaces:	Honeywell VR8440, VR8204; Robertshaw 7100DER (700-070); White-Rodgers 36E36/38



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GAS HEATING

Size	Opening	Frequency	Pressure Regulator Setting	Includes	Mfr#	Item#
1/2" x 3/4"	Standard	60 Hz	3.5" WC, 0.87 kPa	One 3/4" x 1/2" bushings and 393691 nat. to LP conversion kit	VR8304M3509	G647-100
3/4" x 3/4"	Standard	60 Hz	3.5" WC, 0.87 kPa	Two 3/4" x 1/2" bushings and 393691 nat. to LP conversion kit	VR8304M4507	G647-101
3/4" x 3/4"	Step	60 Hz	Step: 0.9" wc; Full rate: 3.5" wc; Step: 0.22 kPa; Full rate: 0.87 kPa	---	VR8304P4504	G647-93