

# Gas Burner Controls—Combination

## VR8345 Universal Electronic Ignition Combination Gas Control

Universal electronic ignition combination gas control for use with direct spark ignition, hot surface ignition or intermittent pilot ignition in 24 Vac, gas-fired appliances, with capacities from 30 to 415 cfh.



- Control includes manual valve, two automatic operators, pressure regulator, pilot adjustment, pilot plug and ignition adapter.
- Replaces virtually any IP, HSI, or DSI gas control.
- For use with natural or manufactured gas or LP gas. Includes converter kit to adapt from natural to LP gas.
- Compact size.
- All adjustments and wiring connections accessible from top of control.
- Four-inch swing radius allows easy rotation into position inside the tightest furnace vestibules.
- Clearly marked, keyed terminal block allows quick attachment of wires and IP/DSI/HSI jumper.
- Internal inlet screen blocks contaminants in gas line from entering valve.

VR8345 control replaces the following Honeywell and competitive combination gas controls for applications requiring a minimum capacity of 30 cfh and a maximum capacity of 415 cfh.

—Honeywell VR8204A,M; VR8205A,M; VR8304M, VR8305M

—White Rodgers 36E01, 36E36 series (standard opening)

—Robertshaw 7100DER, 7200DER, 72001DER series

See pages 53-59 for complete cross-reference information.

MOUNTING: 0 to 90 degrees in any direction from upright position of gas control knob, including vertically.

BODY PATTERN: Straight-through with  $\frac{3}{4}$  x  $\frac{3}{4}$  in. inlets and outlets.

PRESSURE TAPPING:  $\frac{1}{8}$  in. NPT with plug.

IGNITION ADAPTER: Configures VR8345M to operate with direct spark or hot surface ignition.

TEMPERATURE RATINGS:

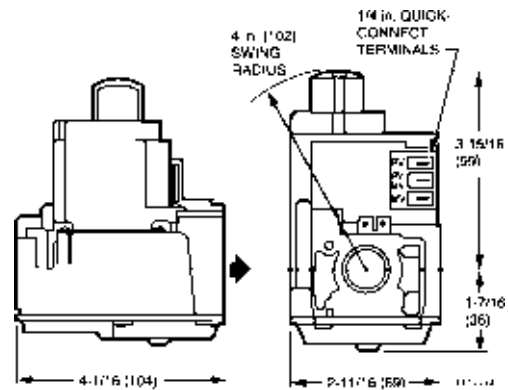
Ambient: -40 F to +175 F (-40 C to +79 C).

ELECTRICAL RATINGS:

Power Supply: 24 Vac, 60 Hz.

Current Draw: 0.7A.

VR8345M dimensions in in. (mm).



### APPROVALS:

American Gas Association Design Certified: File no. L2025007.

Canadian Gas Association Design Certified: File no. L2025007.

- SUPER TRADELINE model.

Order Number	Inlet-Outlet Size (in.)	Capacity, A.G.A. Certified		Pressure Regulator Setting		Type of Gas	Type of Pressure Regulator	Includes
		cfh	m <sup>3</sup> /r	in. wc	kPa			
• VR8345M4302	$\frac{3}{4}$ x $\frac{3}{4}$	300	8.5	3.5	0.9	Nat.	Standard	Two $\frac{3}{4}$ x $\frac{1}{2}$ in. NPT bushings and one $\frac{1}{2}$ x $\frac{3}{8}$ in. NPT bushing.