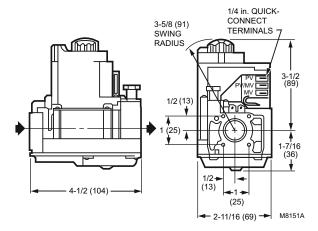
Combination Gas Controls

VR8204 Intermittent Pilot Dual Automatic Valve Combination Gas Controls



Dimensions in inches (millimeters)



Type: Single Stage

Dimensions, Approximate: 4 5/8 in. high x 4 1/8 in. wide x 2 11/16 in.

deep (117 mm high x 104 mm wide x 69 mm deep)

Body Pattern: Straight-through

Capacity @ 1 in. p.d. 150,000 BTU/hr; 20,000 BTU/hr minimum

Anticipator Setting: 0.5 A Ignition Type: Intermittent Pilot Pressure Ratings: 1/2 psi (3.5 kPa) Pressure Tapping: 1/8 in. NPT with plug

Electrical Ratings: 24 Vac

Frequency: 60 Hz

Combination gas controls for use in 24 Vac, gas-fired, intermittent pilot appliances with capacities from 20 to 200 cfh.

- Controls include manual valve, two automatic operators, servo pressure regulator and pilot adjustment.
- Use with S86F,H; S8600F,H and S8610 Control Modules.
- Compact size.
- · Provide two automatic valves.
- 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.
- Meet codes requiring dual safety shutoff.
- Standard and slow opening natural gas models include natural to LP gas conversion kit; LP to natural gas conversion kit also available.
- All adjustments and wiring connections are accessible from top of control.
- · ON-OFF lighting sequence.

Pilot Gas Outlet: Compression fitting for 1/4 in. OD tubing Electrical Connections: 1/4 in. quick-connect male terminals Mounting: 0 to 90 degrees in any direction from the upright position of the gas control knob, including vertically.

Approvals

American Gas Association: AGA Design Certificate: L2025006
Australian Gas Association: Australian Gas Assoc. Design
Certificate: 4214; Approved for Delta C Applications
Canadian Gas Association: CGA Design Certificate: L2025006
Underwriters Laboratories Inc. UL Component Recognized: MH5323

	Product Number	Type of Gas	Opening Characteristics (standard, step)	Inlet/Outlet Size (in.)	Pressure Regulator Setting		Ambient Temperature Range		
					(psi)	(kPa)	(F)	(C)	Includes
*	VR8204A2076	Natural	Standard	1/2 in. x 1/2 in.	3.5 in. wc	0.87 kPa	0 F to 175 F	-18 C to +79 C	One 3/4 in. straight flange; One 1/2 in. x 3/8 in. reducer bushing; Natural to LP Conversion Kit
	VR8204C1019	Natural	Step Opening	1/2 in. x 1/2 in.		Full Rate: 0.87 kPa; Step Setting: 0.22 kPa	0 F to 175 F	-18 C to +79 C	_
	VR8204H1006	Natural	Slow Opening	1/2 in. x 1/2 in.	3.5 in. wc	0.87 kPa	0 F to 175 F	-18 C to +79 C	_
*	VR8204M1091	Natural	Standard	1/2 in. x 1/2 in.	3.5 in. wc	0.87 kPa	-40 F to +175 F	-40 C to +79 C	One 3/4 in. straight flange; One 1/2 in. x 3/8 in. reducer bushing; Natural to LP Conversion Kit