

[Print](#)

## V48A2334/U

1 in. NPT N.C. Diaphragm Gas Valve

### Overview

Solenoid-operated diaphragm valves provide slow opening and fast closing suitable for control manufactured gases. They are normally used on atmospheric boilers, commercial water heaters

### Features

- V48 for line voltage service; V88 for 24Vac service.
- Close firmly with diaphragm that is both weight and spring loaded.
- Two second maximum closing time.
- Valve closes on power failure; recommended for final shutoff service.
- Set opening time with various sized bleed orifices or adjustable bleed valve.
- Use with LP, natural or manufactured gases.
- Made with cast aluminum in straight-through valve pattern.
- Valve position indicator available for 1-1/4 in. V48A2227.

### Product Specifications

|   |  |
|---|--|
| Dimensions (in.)                          | 6 1/16 in. high x 4 5/16 in. wide x 5 in. deep     |
| Dimensions (mm)                           | 154 mm high x 127 mm wide x 109 mm deep            |
| Includes                                  | Ground terminal                                    |
| Materials                                 | Body--Aluminum                                     |
| Mounting                                  | Upright (horizontal)                               |
| Frequency                                 | 60 Hz  |
| Approvals, Underwriters Laboratories Inc. | File No. MH1639, Guide No. YIOZ                    |
| Approvals, Canadian Standards Association | Certificate No. 158158-2500005576 (Z21.21-CSA 6.5) |
| Electrical Connections                    | 6 in. Leadwires                                    |
| Power Consumption                         | 9 W; 15 VA max                                     |
| Voltage                                   | 120 Vac  |
| Operating Temperature Range (F)           | 32 F to 125 F                                      |
| Operating Temperature Range (C)           | 0 C to 52 C  |
| Current Ratings                           | 0.13 max amps at rated Vac/Hz                      |
| Body Pattern                              | Straight-through                                   |
| Pressure Ratings (psi)                    | 1 psi  |
| Pressure Ratings (kPa)                    | 6.9 kPa  |
| Type of Fuel                              | Natural; LP; Manufactured                          |
| Pipe Size (inch)                          | 1 in.  |

|                    |            |
|--------------------|------------|
| Pipe Size (DN)     | DN25       |
| Bleed Tapping      | 1/8-27 NPT |
| Pilot Tapping      | 1/8-27 NPT |
| Valve Opening Time | 5 sec max  |
| Valve Closing Time | 2 sec max  |

