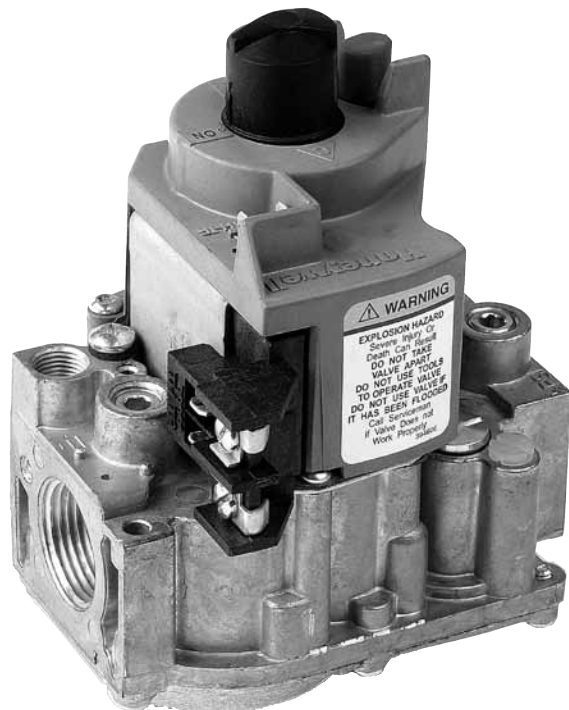


# Gas Valves

Honeywell has taken the guesswork out of gas valve selection with our complete line of universal gas valves. Contractors appreciate the reliability, ease of installation and time saved by carrying a select few gas valves on their truck. Carrying a few Honeywell Universal gas valves on each truck reduces the amount of inventory needed while still making sure technicians can complete the job in one trip. Honeywell's tried and tested gas valves ensure you will be getting the best product available on the market, every time.

When selecting a gas valve for your next job, look for these Honeywell features:

- Universal application
- Reduced inventory
- Easy installation and adjustments
- Compact design



## VR8345M/VR8345Q/VR8345H/VR8245M

### Universal Electronic Ignition Gas Valve

- Wide-capacity control for almost any IP, HSI or DSI gas-fired appliances
- Compact fit simplifies field replacement
- Use with 24 Vac heating appliances, using natural, manufactured or LP gas
- Use the VR8345Q for a two-stage application, VR8345M for a standard and VR8345H for a slow-opening application
- Capacities from 20 to 200 (VR8245) cfh or 30 to 415 (VR8345) cfh



## VR8300/VR8200

### Universal Standing Pilot Gas Valve

- Combination gas controls for use in 24 Vac, gas-fired, standing pilot appliances with capacities from 20 to 200K Btu/h natural gas, 400 to 200K Btu/h LP gas
- Includes safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment
- Universal replacement for virtually all Honeywell and competitive standing pilot valve models



## VS820

### Millivolt Combination Gas Valve

- Self-powered automatic control
- Use with 750 mV pilot generator
- Easy to install and service with all the adjustments and connections accessible from the top of the control
- 34 to 425 cfh capacity



Gas Valves Selection Guide

| TRADE REPLACEMENTS<br>(Double-Check Specifications<br>Before Replacement) |                                    | SPECIFICATIONS                                 |                            |                                              |                                   | ACCESSORIES          |                                |                                 |
|---------------------------------------------------------------------------|------------------------------------|------------------------------------------------|----------------------------|----------------------------------------------|-----------------------------------|----------------------|--------------------------------|---------------------------------|
| Universal Service<br>Part                                                 | Direct Service Part<br>Replacement | Opening<br>Characteristics<br>(standard, step) | Inlet/Outlet<br>Size (in.) | Pressure Regulator<br>Setting (psi)          | Temperature<br>Range              | Includes             |                                |                                 |
|                                                                           |                                    |                                                |                            |                                              |                                   | Q340<br>Thermocouple | 3/4" x 1/2"<br>Reducer Bushing | Natural to LP<br>Conversion Kit |
| VR8300A4516                                                               | VR8300A4508                        | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | Two                            | One                             |
|                                                                           | VR8300A3500                        | Standard                                       | 1/2 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | One                            | One                             |
|                                                                           | VR8300A4516                        | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | One                  | Two                            | One                             |
| VR8245M2530                                                               | VR8204A2076                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | One                             |
|                                                                           | VR8204M1091                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | None                           | One                             |
|                                                                           | VR8205A2024                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | One                             |
|                                                                           | VR8245M2530                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | None                           | One                             |
| VR8345H4555                                                               | VR8205H1003                        | Slow                                           | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | None                            |
|                                                                           | VR8304H4503                        | Slow                                           | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | One                             |
|                                                                           | VR8345H4555                        | Slow                                           | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(0° to 79° C)     | None                 | Two                            | One                             |
| VR8345M4302                                                               | VR8304M3509                        | Standard                                       | 1/2 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | One                            | One                             |
|                                                                           | VR8304M4507                        | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | Two                            | One                             |
|                                                                           | VR8305M3506                        | Standard                                       | 1/2 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | One                            | One                             |
|                                                                           | VR8345M4302                        | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | -40° to 175° F<br>(-40° to 79° C) | None                 | Two                            | One                             |
| VR8345Q4563                                                               | VR8205Q2555                        | 2-Stage                                        | 1/2 x 1/2                  | 1.7 in. wc Low Fire;<br>3.5 in. wc High Fire | -40° to 175° F<br>(-40° to 79° C) | None                 | None                           | One                             |
|                                                                           | VR8304Q4511                        | 2-Stage                                        | 3/4 x 3/4                  | 1.7 in. wc Low Fire;<br>3.5 in. wc High Fire | -40° to 175° F<br>(-40° to 79° C) | None                 | Two                            | One                             |
|                                                                           | VR8305Q4500                        | 2-Stage                                        | 3/4 x 3/4                  | 1.7 in. wc Low Fire;<br>3.5 in. wc High Fire | -40° to 175° F<br>(-40° to 79° C) | None                 | One                            | One                             |
|                                                                           | VR8345Q4563                        | 2-Stage                                        | 3/4 x 3/4                  | 1.7 in. wc Low Fire;<br>3.5 in. wc High Fire | -40° to 175° F<br>(-40° to 79° C) | None                 | Two                            | One                             |
| VR8200A2744                                                               | VR8200A2124                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | One                  | None                           | One                             |
|                                                                           | VR8200A2132                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | One                             |
|                                                                           | VR8200A2744                        | Standard                                       | 1/2 x 1/2                  | 3.5 in. wc (0.87 kPa)                        | 0° to 175° F<br>(-18° to 79° C)   | None                 | None                           | One                             |
| VS820A1088                                                                | VS820A1054                         | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 32° to 175° F<br>(0° to 79° C)    | None                 | Two                            | None                            |
|                                                                           | VS820A1336                         | Standard                                       | 3/4 x 3/4                  | 10.0 in. wc (2.49 kPa)                       | 32° to 175° F<br>(0° to 79° C)    | None                 | Two                            | None                            |
|                                                                           | VS820A1088                         | Standard                                       | 3/4 x 3/4                  | 3.5 in. wc (0.87 kPa)                        | 32° to 175° F<br>(0° to 79° C)    | None                 | Two                            | One                             |

**Notes:**  
All piloted valves have a 1/4" compression fitting.  
All the VR valves come set for natural gas, but can be converted to LP gas.  
The VS820A1054 is for natural gas. The VS820A1336 is for LP gas.  
All the VR valves have inlet and outlet pressure taps. The VS820 valves have just an outlet pressure tap.

| ACCESSORIES             |                                |                       | COMPETITIVE REPLACEMENT                                                                                |                                                       |                                                                                                   |
|-------------------------|--------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Includes                |                                |                       | Honeywell                                                                                              | White-Rodgers                                         | Robertshaw                                                                                        |
| 3/4" Straight<br>Flange | 1/2" x 3/8"<br>Reducer Bushing | Remote Rod<br>Adapter |                                                                                                        |                                                       |                                                                                                   |
| None                    | None                           | None                  | VR8300A4003, VR8300A4011, VR8300A4037, VR8300A4045, VR8300A4557, VR8300A4565                           | 36C01-405                                             | 700-400, 720-406 (7200ER)                                                                         |
| None                    | None                           | None                  | VR8300A3104, VR8300A3120, VR8300A3153, VR8300A3161, VR8300A3203, VR8300A3559, VR8300A3567, VR8300A3575 | 36C03-300, 36C03-400, 36C03-433, 36C03-258            | 720-404 (7200ER)<br>720-403, 720-400, 720-402                                                     |
| None                    | None                           | None                  | VR8300A4003, VR8300A4011, VR8300A4037, VR8300A4045, VR8300A4557, VR8300A4565                           |                                                       | 700-400                                                                                           |
| One                     | One                            | None                  | VR8204A1201, VR8204A1219, VR8204A2001, VR8204A2175, VR8204A2803, VR8204A2225                           |                                                       |                                                                                                   |
| One                     | One                            | None                  | VR8204M1075                                                                                            | 36E01-204, 36E01-205, 36E01-206, 36E01-305, 36E93-304 | 722-079 (2000IPERHC)                                                                              |
| One                     | One                            | None                  | VR8205A2008                                                                                            | 36G22-214, 36J22-214                                  | 722-051 (2000DERHC), 720-051                                                                      |
| None                    | One                            | None                  | VR8205M1106, VR8205M2310, VR8205M2443, VR8205M2450, VR8205M2476                                        | 36E36-304, 36E22-214                                  | 720-079 (7200IPER), 720-080 (7200IPER-LP)                                                         |
| None                    | None                           | None                  | VR8305H4013, VR8305H4039, VR8205H2605                                                                  |                                                       |                                                                                                   |
| None                    | None                           | None                  | VR8204H1006, VR8204H1055                                                                               |                                                       | 720-070 (7200IPER-S7C), 720-071 (7200IPER-S7C), 720-072 (7200IPER-S7C), 720-073 (7200IPER-LP-S7C) |
| None                    | None                           | None                  |                                                                                                        | 36E98-304, 36E24-214, 36E52-214                       | 700-052                                                                                           |
| None                    | None                           | None                  |                                                                                                        |                                                       |                                                                                                   |
| None                    | None                           | None                  | VR8304M4002                                                                                            |                                                       |                                                                                                   |
| One                     | None                           | None                  | VR8305M4066, VR8305M4165, VR8305M4231                                                                  | 36G22-214, 36C68-423                                  | 720-051 (7200DER)                                                                                 |
| None                    | None                           | None                  |                                                                                                        | 36E36-304, 36C68-423, 36H32-423                       |                                                                                                   |
| None                    | One                            | None                  | VR8205Q2662, VR8205Q2746, VR8205Q2787, VR8205Q2381                                                     | 36E54-214                                             |                                                                                                   |
| None                    | None                           | None                  | VR8304Q4453                                                                                            | 36C76-406, 36C76-420, 36C76-463                       |                                                                                                   |
| None                    | None                           | None                  | VR8305Q4138, VR8305Q4146                                                                               | 36D13-208, 36G54-214                                  |                                                                                                   |
| None                    | None                           | None                  |                                                                                                        | 36E96-314, 36D13-405                                  | 720-082 (7200IPER2-4)                                                                             |
| One                     | One                            | None                  | VR8200A2116, VR8200A2264, VR8200A2322*                                                                 |                                                       | 720-400 (7200ER), 720-402 (7200ER)                                                                |
| One                     | One                            | None                  |                                                                                                        |                                                       | 720-400 (7200ER), 720-402 (7200ER)                                                                |
| One<br>+ One Elbow      | One                            | None                  | VR8200A2322*                                                                                           |                                                       |                                                                                                   |
| None                    | One                            | None                  | VS820A1005, VS820A1013, VS820A1047, VS820A1278, VS820A5204, VS820A1922                                 | 36C03U-300, 36C03U-333, 36C03U-400, 36C03U-433        |                                                                                                   |
| None                    | One                            | None                  | VS820A1211, VS820A1740, VS820A1120, VS820A1898, VS820A1872, VS820A1906                                 |                                                       |                                                                                                   |
| None                    | One                            | Yes                   | VS820A1807, VS820A2003, VS820A1815, VS820A1039, VS820A2011                                             |                                                       |                                                                                                   |

\*Canadian Numbers

For a complete cross-reference, visit [www.customer.honeywell.com](http://www.customer.honeywell.com)