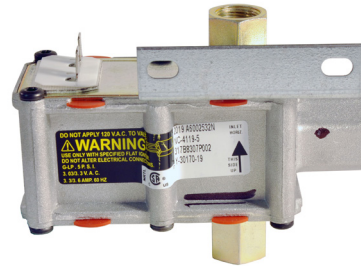


Oven Gas Control Valves

Single Series | Dual Series | Combi Series



1 Year
Limited
Warranty



Customer Service
+1 800 304 6563
HVACCustomerService
@robertshaw.com

Technical Service
+1 800 445 8299
TechnicalService
@robertshaw.com

www.robertshaw.com
©2024 Robertshaw
10/24 150-2951

Description

Robertshaw offers three series of gas control valves for residential ovens:

- Single Series Gas Valves are single outlet thermal bi-metal models designed for various residential gas cooking appliances—typically conventional gas ovens.
- Dual Series Gas Valves are dual outlet thermal bi-metal models designed for gas cooking appliances of various types. The most common application is self-cleaning ovens.
- Combi Series Gas Valves are safety valve and regulator assemblies. The regulator limits the incoming gas pressure to a safe and constant level for the burner and the valve prevents the release of gas until the ignitor has received sufficient voltage to ignite the range.

Features and Benefits

- This valve works in series with a hot surface silicon carbide ignitor
- Multiple inlet/outlet configurations
- Inlet connection options are 1/4-18 NPT, 3/8-18 NPT, 9/16-24 UNEF-2B for 3/8 tubing connections
- Outlet connection options are 9/16-24 UNEF-2B for 3/8 tubing connections, 3/8-27 UNS-2A, 5/8-18 UNF-2B for 3/8 inverted flare tubing connection
- Convertible to LP
- Standard NEMA terminals with option to have both terminals 1/4 male tab, 3/16 male tab or 1/4 female terminals or mixed between the options
- Outlets have installed screens, inlet screens (optional)
- Multiple mounting bracket options
- Option to have the Single Range Valve assembled to a Gas Pressure Regulator as Combo Assembly

Applications

- Residential gas ovens
- Residential gas ranges

Specifications

- Ambient temperature range 32-300°F
- Maximum gas pressure 0.5 PSI
- Rated capacity 32,000 BTU/HR at 1" W.C. pressure drop
- Electrical specification for the valves, 3.3/3.6A 60Hz @ 3.03 /3.3 VAC for Norton Ignitor Type or 2.5/3.0A 60Hz @ 3.3/4.0 VAC for Carborundum Ignitor Type
- CSA certification
- RoHS Compliant

