

Robertshaw®

INSTALLATION DATA COMBO GAS VALVES

The Robertshaw® Combo Gas Valves are 3 volt dual valves for use with a silicon carbide ignitor. Make sure your replacement valve has the correct warning label for the range to be serviced.



CAUTION

THIS VALVE SHOULD BE REPLACED BY A QUALIFIED SERVICE TECHNICIAN. IMPROPER INSTALLATION CAN PRESENT A HAZARD.

The operating ambient temperature range for this valve is 32°F - 300°F. This valve is certified for use with natural, LP manufactured, and mixed gases.

TEST VALVE FUNCTIONS:

1. Turn off gas and disconnect electrical power.
2. To test valve, disconnect wires from valve terminals and test for electrical continuity using a volt/ohm meter.



CAUTION

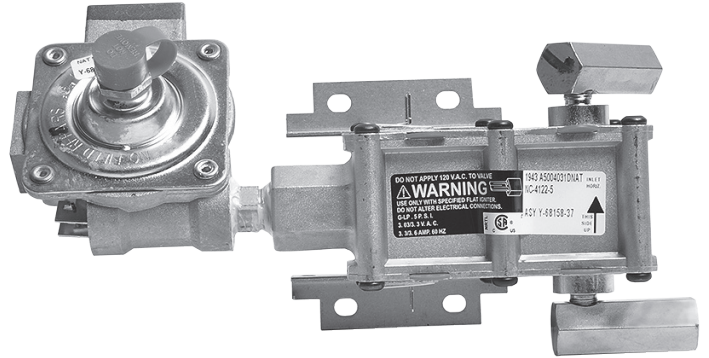
LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING VALVES. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION.



WARNING:

DO NOT APPLY 115 VOLTS TO ANY VALVE USING A SILICON CARBIDE IGNITOR AS IT WILL BURN THE WINDINGS OUT. IF TEST SHOWS THE VALVE IS GOOD, CHECK FOR OTHER REASONS FOR THE FAILURE.

3. Remove old control. **Note:** When removing or replacing a gas valve, support the valve inlet fitting with a wrench.
4. Inspect electric wires for worn insulation, breaks, etc., and replace with original equipment wires, if necessary.
5. Make sure hood size on replacement valve is identical to original valve. **DO NOT REMOVE OR REPLACE THE HOOD AND/OR PIN.**
6. Extreme care must be taken not to let any foreign material, dirt, burrs, etc., fall into hood outlet or valve inlet. This could present a hazard.
7. For LP gas installation, the hood should be screwed down against the hood pin. For natural gas installation, the hood should be backed off two to three turns from the hood pin.
8. Replace the new control exactly as originally installed. Make sure all gas connections are tight and that the wires are properly attached.
9. Turn on gas and test for leaks using a diluted soap solution applied over all fittings. Watch for bubbles which would indicate a leak. After testing, rinse off soap solution with water as solution might cause corrosion. Make sure electrical connections are dry.
10. Connect electrical power and test for operation:
 - a. Turn on oven.
 - b. Check for ignition of burner.
 - c. If burner does not ignite within 140 seconds turn gas off and reevaluate system for other problems.



Product Drawings

