

Instruction Sheet

Follow these instructions to convert From Honeywell to Robertshaw CE Gas Valves.

NOTE: The Honeywell gas valves are NO LONGER AVAILABLE.



Discontinued Honeywell



Robertshaw

Subject: 8263756 (24VAC NAT), 8263757 (24VAC LP), 8263758 (Millivolt NAT), 8263759 (Millivolt LP) Honeywell to Robertshaw CE Gas Valve Conversion Kit Instructions

In This Kit		
Part #	Description	Qty
8076591	VALVE, ROBERTSHAW 24V NAT GAS	1
8076592	VALVE, ROBERTSHAW 24V PRO GAS	1
130192699	VALVE, ROBERTSHAW MV CE NAT GAS	1
130192700	VALVE, ROBERTSHAW MV CE PRO GAS	1
8074134	ENVELOPE ASSY, HONEYWELL VALVE	1
8130763	BUSHING, 3/4ODX1/2ID NPT FLUSH	2
8130022	NIPPLE, 1/2XCLOSE NPT BM	1
8130608	COUPLING, 1/2 NPT BM FULL	1
8070882	TERMINAL, #41450 PUSH-ON .250	3
8158000	LOCTITE 567, TUBE 6ML	1
8198007	INSTRUCTIONS	1

NOTE: Only one (1) of the gas valves above will be in each kit. All kits will include all the other parts above.

1. Disconnect the fryer from the gas and electrical power supplies.
2. Disconnect the gas line(s) and enrichment tube(s) from the valve.
3. Remove the gas valve from the gas manifold.
4. Recover the fittings right from the existing valve.
5. Use the components furnished with the kit and possibly any parts recovered from the original valve to assemble the replacement valve. It may be necessary to add the bushings, nipple and coupling to the new valve, to fit the valve into the same footprint (see Figure 1). Use supplied Loctite on the fittings (see Figure 2).
6. Install the valve on the gas manifold.
7. Connect the pilot tube and gas line(s) to the new valve
8. Cut the hi-limit wires and replace them with the push on terminals furnished with the kit.
9. Solder the push on terminals for a secure connection (see Figure 3).
10. Screw the envelope assembly into the valve (see Figure 4).



Figure 1

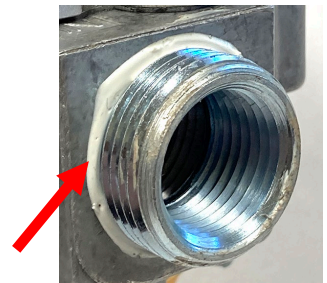


Figure 2

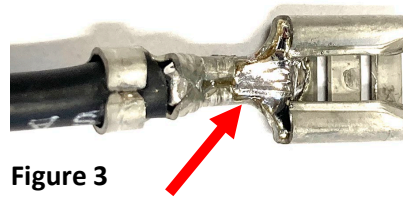


Figure 3

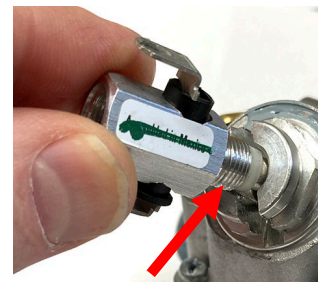


Figure 4

11. Connect the wires to the envelope assembly (see Figure 5).
12. Turn on the gas supply and check for leaks using a solution of soapy water.
13. If there are no leaks, reconnect the fryer to the electrical power supply.
14. Adjust the gas pressure using the following steps.
15. Turn the gas valve knob to the OFF position.
16. Remove the pressure tap plug (see Figure 6).
17. Screw the fitting for a gas pressure measuring device into the pressure tap hole.
18. Place the gas valve knob in the ON position, then turn the fryer on. When the burner lights and continues to burn, note the gas pressure, and compare it to the pressure listed on the fryer rating plate.
19. If necessary, adjust the burner gas pressure by removing the regulator adjustment screw cap from the top of the gas valve regulator (see Figure 7). With a small screwdriver, rotate the adjustment screw (see Figure 8) clockwise to increase, or counterclockwise to decrease the pressure, until the indicated pressure is equal to the pressure listed on the fryer rating plate. Replace the regulator adjustment screw cap.
20. Turn the fryer off and place the gas valve knob in the OFF position.
21. Remove the fitting from the pressure tap hole and reinstall the pressure tap plug.



Figure 5

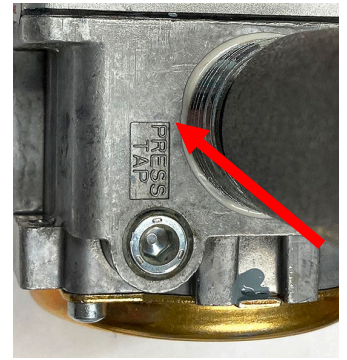


Figure 6

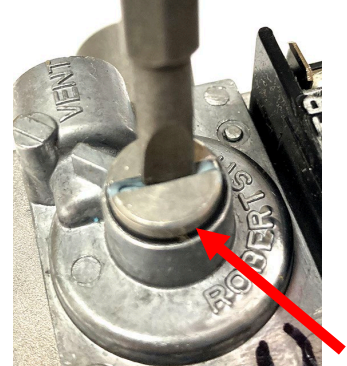


Figure 7



Figure 8