



Xtreme Gas Valve Replacement

In March 2009, Rheem introduced a new gas valve to the Xtreme product line. Any Xtreme with a manufacturing date code of 0209 (February 2009) or earlier uses the Robertshaw gas valve. Any Xtreme with a manufacturing date code of 0409 (April 2009) or later uses the Honeywell 'dual' gas valve.

This service bulletin will explain how to hook up the wiring harnesses for the two valves.

Option 1 –

If you receive a like replacement gas valve, simply replace the valve and hook up the wiring harness in the same way.

Option 2 –

If you receive a Honeywell replacement valve for the Robertshaw valve, hook up the wiring harness as follows:

1. Turn the water heater off.
2. Shut off gas supply to the gas valve,
3. Remove wiring harness from old valve.
4. Remove the old Robertshaw gas valve.
5. Replace with the new Honeywell gas valve. The gas pipe fittings and pilot supply tube are exactly the same.
6. Connect the brown wire from the water heater to the blue wire of the new valve wiring harness.
7. Connect the blue wire to the red wire of the new valve wiring harness.
8. Connect one of the white wires to the white wire of the new valve harness. Tape off the extra white wire clip. It will not be used.
9. Turn on gas supply and water heater. Turn on **both gas valves**.
10. Check for safe operation. Insulate all exposed terminals or wire connections. You may have to cycle the heater a couple of times to purge the new valve.



Option 3 –

If you receive a Robertshaw replacement valve for a Honeywell valve, hook up the wiring harness as follows:

1. Turn the water heater off.
2. Shut off gas supply to the gas valve,
3. Remove wiring harness from old valve.
4. Remove the old Honeywell gas valve.
5. Replace with the new Robertshaw gas valve. The gas pipe fittings and pilot supply tube are exactly the same.
6. Connect the blue wire from the water heater to the one of the D terminals of the new valve.
7. Connect the red wire to the TH terminal of the new valve.
8. Connect the white wire to the TR terminal of the new valve. Fashion a jumper wire and connect the TR terminal to the second D terminal fitting.
9. Turn on gas supply and water heater.
10. Check for safe operation. Insulate all exposed terminals or wire connections. You may have to cycle the heater a couple of times to purge the new valve.

