



Pilot Lighting Instructions (7000)

These instructions are provided to indicate the proper sequence of events to shutdown an appliance using the Robertshaw 7000 Series gas valve and to relight it. It is important that these instructions be followed exactly. If you do not, a fire or explosion may result, causing property damage, personal injury, or loss of life.

This applies only to appliances with standing pilot systems and 7000 series gas valves.

Caution: Note that the U7000 version of the valve is equipped with an interlock mechanism that prevents the user from relighting the pilot unless the thermocouple has cooled down and the safety magnet has dropped; therefore if you cannot turn the manual valve knob back to the pilot position to relight the pilot, this would be an indication that the magnet is not working properly and the valve should be serviced before the lighting sequence becomes possible. Do not force the knob to the pilot position as this may further damage the internal components of the valve.

Shutdown Sequence:

1. Make sure that all appliance controls are in the “OFF” position or the lowest heat setting.
2. Locate and open the access door to the pilot if there is one.
3. Partially depress and turn manual valve clockwise to "OFF" position. Shutting down the appliance using other upstream valves will invalidate these instructions.
4. Wait at least 5 minutes to allow gas, which may have accumulated in the burner compartment to escape. Sniff around the appliance and at floor level to make sure there is no gas in the area.

Relight Sequence:

1. Make sure that all appliance controls are in the “OFF” position or lowest setting.
2. Locate and open the access door to the pilot if there is one.
3. Make sure the valve is in the “OFF” position.
4. Sniff around the appliance and at floor level to make sure there is no gas in the area. If you smell gas, do not attempt to light.
5. Turn the manual valve knob to the “PILOT” position (not all the way to the “ON” position). This allows the gas to flow to the pilot only (when the knob is pressed down). Do not depress the manual valve yet. Hold a flame source to the pilot. If the pilot can be lit without depressing the manual valve, then your valve may not be working properly.
6. While the knob is in the “PILOT” position, press down on it to initiate the gas flow to the pilot and immediately light the pilot using a flame source or the igniter provided as part of the appliance. Do not release the knob.
7. While the knob is still in the “PILOT” position, keep holding the knob down for at least 60 seconds. This will allow the thermocouple to heat up.
8. Remove the external flame source and make sure the pilot remains lit (flame still present). If the flame is extinguished once the external flame source is removed, please go back to step 4.
9. Close the access door if there is one.
10. Keep hands and face away from burner area. Turn the manual valve to the “ON” position.
11. The appliance is now ready to be used.