

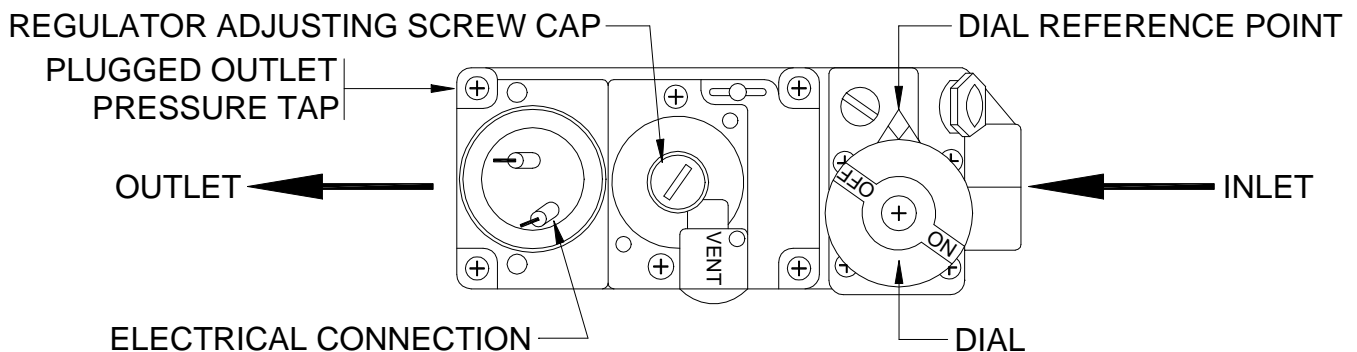
ROBERTSHAW 7000 GVERLC PILOT GAS CONTROL

The Robertshaw 3/8" 7000 GVERLC is a Combination Gas control used by Parker Boiler for the pilot gas controls on certain size boilers equipped with electronic flame safeguards. This control provides the following functions in a single device: Pilot Gas Cock; Pilot Gas Pressure regulator and 115 Volt Electrical Pilot Shutoff Valve. A 24 Volt Valve may be used with certain low voltage flame safety systems and is then marked with a different part number. The control has a 3/8" NPT inlet tapping and a 1/4" NPT outlet tapping for connection to the pilot. A plugged pressure tap is provided on the downstream side of the valve body. A plugged pressure tap is provided by Parker in the upstream piping to the control. The small screw on the control labeled PILOT ADJ and the tubing outlet are not used on Parker Boilers. Maximum inlet pressure to the control is 14" W.C. (1/2 PSI).

I. Operation (See drawing)

The control has a cast dial reference point next to the dial.

1. TO TURN ON: Partially depress dial and turn counterclockwise 180° until ON marking is next to reference point.
2. TO TURN OFF: Partially depress dial and turn clockwise 180° until OFF marking is next to reference point.



II. PRESSURE REGULATOR ADJUSTMENT (Do not use screw marked PILOT ADJ)

Adjustment of the pressure regulator is not normally necessary since it is preset at the factory. However, field adjustment may be accomplished as follows:

1. Remove regulator adjusting screw cap.
2. With screwdriver, rotate adjustment screw "CLOCKWISE" to increase, or "COUNTERCLOCKWISE" to decrease pressure. Test for desired gas pressure at outlet pressure tap on valve.
3. Replace regulator adj. screw cap.

WARNING:

1. Shut off gas and electricity before starting installation or service. Turn back on to test or operate.
2. Installation and servicing of gas appliances and controls must only be performed by qualified personnel. After installation or servicing; test manual valve, operating valve, pressure regulation and automatic safety shut off valve for proper operation.
3. When lighting the pilot, the fail safe safety device must be functionally tested to prove its operation in the event the main valve malfunctions.
4. A drip leg should be provided in the supply line to the control.
5. Leak test with a soap solution after installation or servicing with pilot burner on. Coat pipe and tubing joints, gasket, etc. with soap solution. Bubbles indicate leaks.
6. DO NOT use this control if it has been exposed to water corrosion through immersion, dripping, etc. It may be damaged and must be replaced.
7. DO NOT insert any object other than suitable pipe in the inlet or outlet of this control. Internal damage may occur and result in a hazardous condition.
8. DO NOT connect appliance before pressure testing gas piping. DO NOT expose to gas pressures above 14" W.C. (1/2 PSI). Damage to gas valve will result.
9. DO NOT grip control body with a pipe wrench or vise. Damage may result causing gas leakage. Use inlet or outlet bosses, or special body wrench.
10. DO NOT use Gas Cock Dial to adjust gas flow. Turn dial to full "ON" or "OFF".
11. Dials must only be operated by hand. DO NOT use pliers, wrenches or other tools to turn dials.
12. In case of failure of gas valve to shut off. DO NOT shut off electrical power; turn off gas supply upstream of boiler.
13. Keep all combustible materials away from gas appliances. DO NOT allow lint or dust to collect in burner area.