

3000 Gas Valve Series

Self-Powered Water Heater Gas Valve with
Standing Pilot and Thermopile Assembly



Description

Robertshaw's 3000 Gas Valve Series is designed for natural gas and LP water heaters with a maximum input of 75,000 BTU/hr. They are compatible with various tank insulation depths, from 1 to 3 inches. The valve's power comes from a thermopile that is heated by the standing pilot, which is ignited by a piezo ignitor. The thermopile generates the voltage to power the PCB from the valve.

Features and Benefits

- Self-powered
- Status light
- Accurate temperature sensing
- Available for natural gas and liquid propane
- Piezo ignitor
- Pilot components are available in different lengths
- Grommet included in pilot assembly for gas chambers
- CSA certified



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Gas Valve Specifications

Electrical Rating	350 - 850mV, DC
Natural Gas	Factory set at 3.5 - 5.0 W.C.
L.P. Gas	Factory set at 10 - 11.0" W.C.
Ambient Temperature	0° to 150°F
Maximum Inlet Pressure	1/2" PSI

Regulation Capacities

Size	Type Gas			
	Natural		LP	
	MIN	MAX	MIN	MAX
1/2" x 1/2"	25,000	75,000	30,000	75,000

Pilot Assembly Specifications

Gas Connection	1/8" OD tubing with 7/16" male fitting
Electrode	25 KVDC; 250°C
Natural Gas	760-910 BTU/HR
L.P. Gas	900 BTU/HR

