

7200 SERIES GAS VALVE CONTROLS

The Robertshaw® 7200 Series Gas Controls are designed for residential applications with direct ignition or intermittent pilot ignition systems such as central heating units, space heaters, wall heaters, boilers, mobile home furnaces, and commercial cooking appliances.

The 7200 Series incorporates a manual valve, dual automatic valves (2) and main gas regulator. The valves compact size, with a swing radius of 3 9/16" will fit most OEM and replacement applications. Wiring connections, manual selector, and adjustments are all accessible on top of the control. To prevent unsafe attempts at repair, screws requiring special drivers are used and replacement parts are not available.

Features and Benefits

- Equipped with inlet/outlet screens, and bleed gas filter to reduce the risk of valve contamination
- Compact construction for maximum application flexibility and capacity range
- Ground wire connection
- Pressure taps for checking inlet and outlet gas pressure
- Instantaneous, slow, step, and two-stage opening models
- Multi-positional mounting (any angle between 0° and 90° from upright)
- Quick-connect and screw terminals for convenient wiring

Specifications

- Regulated or non-regulated
- Natural or liquid propane gas
- Manually adjusted regulator, convertible regulator, or negative pressure regulator
- Two-stage operation (factory set: 40% to 70%)
- Step-opening with step time of 8 to 20 seconds (factory set: 40% to 80%)
- Slow-opening: 8 to 20 seconds from energizing to full pressure
- Range of regulation adjustment:
 - 3.0" to 7.0" Natural Gas
 - 8.0" to 12.0" Liquid Propane
 - Fixed regulation
 - Maximum operating pressure: 1/2 PSI
- Outlet positions and sizes:
 - Straight out: 3/8", 1/2", 3/4" NPT
 - Left or right side: 3/8", 1/2" NPT



- Inlet position and sizes:
 - Straight in: 3/8", 1/2", 3/4" NPT
- Electrical rating: 24V AC, 60 Hz, .5 Amp
- Power consumption: 5 Watts
- NEC Class 2
- Ambient Temperature range from -40°F to 175°F (-40°C to 79°C)
- Agency Certifications:
 - CSA 153104-1019522
 - UL MH6474

Models Available

- 7200DE – direct ignition
- 7200IPI – intermittent pilot ignition



7200 SERIES GAS CONTROLS

CAPACITIES

1" P.D. CAPACITY – BTU PER HOUR

CONTROL	SIZE	TYPE GAS		
		NATURAL	MANUFACTURED GAS	L.P.
7200 SERIES	3/8" x 3/8" *	125,000	64,500	200,000
	1/2" x 3/8" *	125,000	64,500	200,000
	1/2" x 1/2" *	150,000	77,400	240,000
	1/2" x 3/4" +	150,000	77,400	240,000
	3/4" x 3/4" +	150,000	77,400	240,000

* Straight through or side outlet

+ Straight through only

REGULATION CAPACITIES (BTUs)

CONTROL	SIZE	TYPE GAS			
		NATURAL		L.P.	
		MIN.	MAX.	MIN.	MAX.
7200 SERIES	3/8" x 3/8"	15,000	175,000	15,000	280,000
	1/2" x 3/8"	175,000	175,000	15,000	280,000
	1/2" x 1/2"	15,000	200,000	15,000	320,000
	1/2" x 3/4"	15,000	200,000	15,000	320,000
	3/4" x 3/4"	15,000	200,000	15,000	320,000