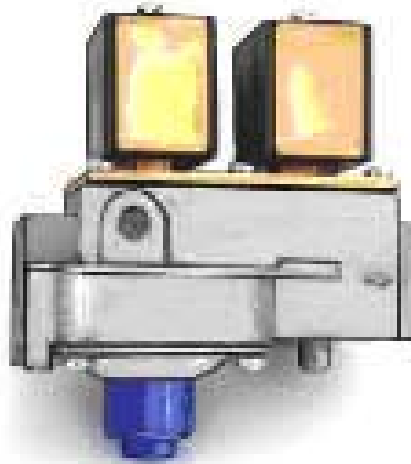


Maclaren Products Ltd

Multi-Option Type GM 7000 Gas Control Valves

Features

- Class A and Class B full wave rectified solenoids
- Options of single or twin solenoids for Class A and Class B valves
- Outlet pressure tap
- Optional Class A 230 Volt 50 Hz
- Optional voltages 230, 110 and 24 Volt 50Hz
- Direct acting Pressure Regulating option
- Direct acting Flow Control option
- Optional Inlet Pressure connector



Note: Class A Coils are 3 Tab (DIN) only.

Application

In conjunction with an electronic sequence control unit, these valves provide fully automatic control for freestanding, fan assisted flue, wall-hung, condensing and back boilers for central heating.

Valve Selection

A wide choice of inlet and outlet pipe connections and electrical terminations enables users to (a) select minimum sizes where space within an appliance is limited or (b) to choose the most convenient method of connection to simplify the initial installation of the valve and subsequent servicing or replacement procedures.

Specification

Media	Natural or LP Gas
Maximum Operating Forward Pressure	Class A 100mbar Class B 50mbar
Maximum Operating Back Pressure	Class A 150mbar Class B 50mbar

Pressure Range Direct Acting	Natural Gas 3.75 - 15mbar	
	LP Gas 22.5 - 30mbar	
Pressure Adjustment Options	Direct Regulator or Flow Control Adjuster.	
Maximum Operating Temperature	70°C	
Power Rating	Class A 16VA per Coil Class B 9VA per Coil	
Body Material	Die-cast Aluminium	
Filters (Option)	Pilot & Inlet Mesh Strainers	
Electrical Connections	Class B Coils Only: - 2 Tab + separate Earth Class A & Class B: - 3 Tab Coil Connections for Electrical Connector Socket	
Shipping Weight	Class B: - 0.8kg Class A: - 0.9kg	
Valve Body Connection & Type	Flow Rate*	Flow Rate*
-	Class A	Class B
3/8 Rp with Flow Control	3.25m ³ /hr	3.15m ³ /hr
3/8 Rp with direct acting Regulator	2.7m ³ /hr	2.5m ³ /hr
1/2 Rp with direct acting Regulator	2.7m ³ /hr	2.5m ³ /hr
1/2 Rp with Flow Control	3.9m ³ /hr	3.8m ³ /hr

***Note:** - Flow Rates are at 2.5 mbar \hat{I} "p (Natural Gas, Specific Gravity 0.6)

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