

# Maclaren Products Ltd

Type SM30 & SM40 Series Single Solenoid Gas

## Features

Approved to EN 161

Connections: BS 21.Â ISO 7-1

Replaceable solenoid coil.

Voltages: 230; 110/120; 24 Volt 50/60 Hz or 24 or 12 Volt DC



## Operational Features

Solenoid Coil with 2 Tab and Earth or 3 Tab terminals.

Plug for three-tab coil to specification BS 5057.

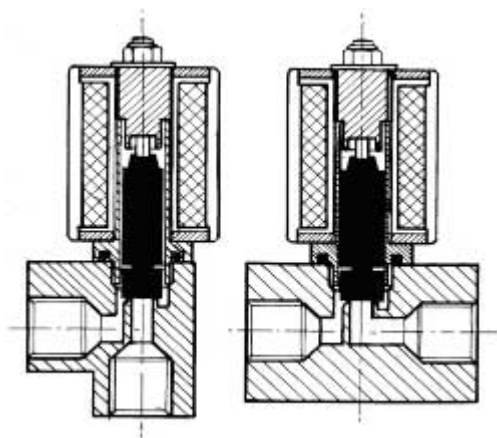
Note: Plug must be fitted to solenoid with sealing washer to provide overall protection to IP54.

By-pass.

## Application

The SM 30 & SM 40 gas solenoid valves are designed for use on gas fires, gas tumble driers and low energy heating appliances.

*SM30 & SM40 valves are manufactured with an aluminium bar body on which a magnetic coil is mounted, giving a safety shut-off valve of compact size suitable for restricted spaces within an appliance.*



SM30 - 90°

Flow

SM40

Flow Through

## Specification

Product SM30 & SM40	Class A Group 2
Media	1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> family gases
Ambient Temperature Range	-15° to 80°C
Opening Time	< 1 second
Closing Time	< 1 second
Working Pressure	360 mbar
Electrical Rating	9VA
Body Material	Aluminium Bar
Seat Material	Viton
Mounting Position	See Diagram
Pipe Connections	Rp 1/8 or Rp 1/4
Orifice Diameter	5.0 mm

Flow Rates Pipe Connections		
Natural Gas SG 0.6	RP 1/8	Rp 1/4
SM30 at 2.5 mbar	0.74 m <sup>3</sup> /hr	0.74 m <sup>3</sup> /hr
SM40 at 2.5 mbar	0.75 m <sup>3</sup> /hr	0.74 m <sup>3</sup> /hr

**Maclaren Products Ltd**  
**Block 7 South Avenue**  
**Blantyre Industrial Estate, Blantyre**  
**Glasgow G72 0XB**

**Telephone: +44 (0) 1698 327065.**

**Fax: +44 (0) 1698 327066**