SR100 Low Pressure Gas Regulator
**SR100 Low Pressure Regulator**

- Our standard regulator, fully compliant to the IGEM/GM/PRS/3:2017+A:2019 specification
  - designed for low-pressure domestic meter applications
  - horizontal and vertical mounting options
  - designed for safe operation with manufactured, natural, or LPG gas environments (fuel gases of the 1st, 2nd and 3rd families to BS EN 437)
  - suitable for front viewing and semi-concealed type installations using both smart and traditional meters of sizes G2.5 and G4 (U6).

- **Technical Data**
  - Qmax (Maximum Flow Rate): 6 m³/h
  - Maximum Inlet Pressure: 75 mbar
  - Factory Outlet Setting: 21.8 mbar
  - Temperature Range: -10 °C to +60 °C
  - Body: Die Cast Aluminium (LM24)
  - Covers: Plated Mild Steel
  - Diaphragms and Valve Seat: Nitrile Rubber (BS EN 549 Approved)
  - Connections: Inlet: Rc 3/4 to BS 21
  - Outlet: Configuration to meet customer requirements

The SR100 regulator offers multiple versatile and cost effective solutions for the provision of accurate pressure control to all domestic metering applications, and is constructed to take full advantage of modern production systems and materials.

It is also designed for compliance to the installation requirements of BS6400 whilst promoting efficiencies during meter and regulator installations. It is available on its own or as part of one of our installation kits.

**Standard Installation Kit**

- **Designed for ‘on the wall’ installations**
  - Supplied pre-assembled or as individual component parts
  - Consists of either a 400mm or a 460mm IGEM/GM/PRS/6 compliant flexible inlet connector (3/4"), an SR100 regulator and a 1” liner and nut to BS746
  - Washers and fasteners supplied can be tailored to suit customer requirements
**Semi-Concealed Kits**

**Pre-Packaged Kits**

All our semi-concealed regulator kits consist of

- **A Regulator Assembly**
  SR100 Low Pressure Regulator fitted with a 450mm flexible inlet connector to suit all meter box variants

- **A Universal Meter Bracket**
  designed to enable easy fitting of GWi meters to all types of semi-concealed meter box
  - Diaphragm - Lightweight plastic design
  - Ultrasonic - Preformed plated steel design (Patent Pending)

- **An Outlet Connector**
  with options to suit semi-concealed meter boxes of all wet and dry box industry standard types.
  - each outlet connector is available in both **flexible** and **rigid** variants
  - all flexible connectors are IGEM/GM/PRS/6 compliant

- **A Washer Pack**
  containing all sealing washers required for installation (BS 746 compliant), which can be tailored to suit customer requirements

**Diaphragm Meter Kits**
Ultrasonic Meter Kits

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