

DOMESTIC REGULATOR WITH UPCO - M2.5



M2.5 – Domestic Gas Regulator

DESCRIPTION

The Domestic Gas Regulator M2.5 is a low inlet pressure regulator popularly known as meter regulator and is used for supplying Natural Gas / LPG for residential household/domestic purpose which comply with PRS 3. The M2.5 regulator is a spring loaded direct-operated regulator including an excess flow protection which closes in case of high flow or low inlet pressure and reverts automatically to open position when conditions are back to normal.

Application

The M2.5 regulator is designed for low pressure domestic applications with inlet pressure up to 200 mBar, and is available with integral under pressure cut-off (UPCO). It can be mounted in either a vertical or horizontal orientation.

Technical Features

Maximum Inlet Pressure	: 200 mBar
Outlet Pressure	: 15 to 25 mBar (Factory Preset)
Accuracy & Lockup Pressure	: AC5, SG 20
Operating Temperature	: -20 °C to +60 °C
Acceptable Gases	: Natural gas, LPG
UPCO Trip Pressure	: 12 to 15 mBar
Gets max. flow at high accidental pressure at 0.2 Barg inlet	

Materials

Body	: Die Cast Aluminium
Actuator	: Die Cast Aluminium
Seals	: Nitrile
Diaphragms	: Nitrile

Sizes & Connections

Size	: DN20
Connection	: 3/4" BSPT

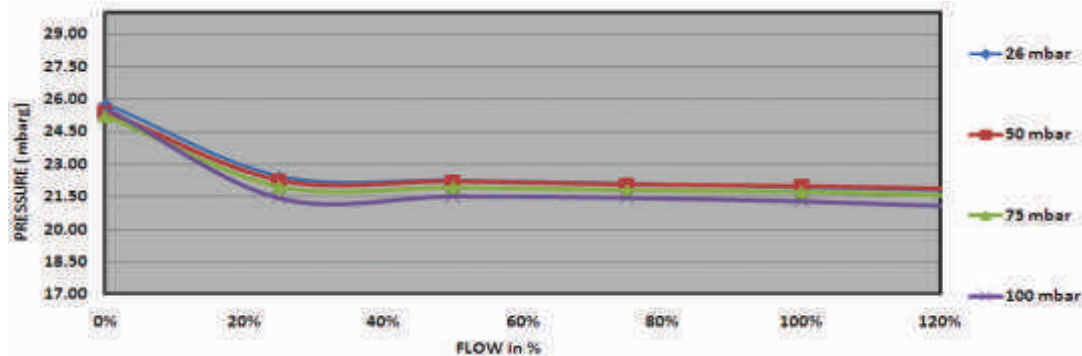
(Contact Nirmal for other connections)

Performance

Tested in accordance with T/SP/PRS/3
EN-334, AC 5, SG 20

- **FOR RESIDENTIAL APPLICATION**
- **HIGH ACCURACY**
- **READY TO CONNECT TO GAS METER**
- **UNDER PRESSURE CUT-OFF**

Expertise that delivers



Performance Curve

OVERALL DIMENSION & FITTINGS

Under Pressure Cut-off
Switches at 12 - 15 mBar

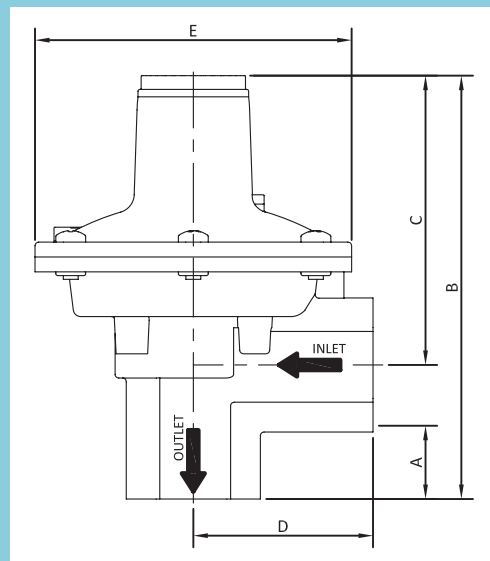
Installation
The M2.5 regulator is installed directly on the hub of a gas meter

MODEL NO.	A	B	C	D	E	WEIGHT
M2.5	36	116	80	48.3	85	340g

All dimensions in millimeters.

We also manufacture:-

- Natural Gas Conditioning Skids
- City Gas Stations (CGS)
- District Regulating Stations (DRS)
- Industrial Pressure Regulating Stations (IPRS)
- Metering & Regulating Stations (MRS) for commercial & industrial applications
- Fiscal and Secondary Orifice / RPD / Turbine / Ultrasonic-based Metering Skids Compliant to AGA Standards with Flow Computer RTU SCADA Options
- Gas Pre Heaters / Dryers / Odouriser Unit
- CNG High Pressure Skids
- CNG Dispensers



Pressure Regulator M2.5

Gain through Partnership with NIRMAL

- Access to more than three decades of engineering solution experience
- Expert knowledge of gas transmission & distribution application engineering
- Professional application engineers to assist you from concept to commissioning
- Complete station manufactured in our own factory & fully tested in our computerized flow test lab

Represented by



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