R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz F0105 Series Gas Filter

Brand: Vanaz | Code/Part No.: F0105 | Category: FILTERS

Specifications

Model	**F0105 Series**
Type	**Gas Filter / Strainer**
Connection Size	**1"–2" BSP Female (see table below)**
Maximum Working Pressure	**20 Kg/cm² (bar)**
Flow Capacity	**200–500 Nm³/hr (see table below)**
Filtration Rating	**50 µm (Brass Mesh)**
Gas Compatibility	**LPG, Natural Gas (NG), Nitrogen (N²)**
Body Material	**Spheroidal Graphite Cast Iron (SGCI)**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz F0105 series is a heavy-duty gas pipeline filter/strainer range, installed upstream of pressure regulators and control valves to protect internal mechanics and regulator seats from particulate damage. It uses a 50-micron brass mesh filtration element, rated to a maximum working pressure of 20 Kg/cm² (bar). The series is available in three end-connection / flow-capacity variants — F0105 (1″, 200 Nm³/hr), F0105 I (1½″, 350 Nm³/hr) and F0105 II (2″, 500 Nm³/hr), all BSP female threaded — see the table below. The body is Spheroidal Graphite Cast Iron (SGCI). Compatible with LPG, Natural Gas and Nitrogen (N■). Manufactured by Vanaz Engineers Ltd, Pune.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.