R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz R6111-I Low Pressure Regulator (1.5 to 2 Bar)

Brand: Vanaz | Code/Part No.: R6111-I / R6111-II | Category: PRESSURE REGULATOR VALVES

Specifications

Gas	**LPG / Natural Gas / Nitrogen (both variants)**
Inlet Pressure	**1.5 – 2 Bar (both variants)**
Outlet Pressure	**30 – 300 mbar (both variants)**
Flow Rate	**0 – 60 Nm³/Hr. (both variants)**
Body Material	**SGCI Body, Aluminum Bonnet, Brass Trim Parts**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R6111 series is a low pressure, high-flow precision gas pressure regulator manufactured by Vanaz Engineers, suited for a 1.5–2 Bar inlet pressure range and typically deployed as a second-stage regulator in medium-to-large industrial furnace and burner systems. It delivers a precisely regulated 30–300 mbar outlet pressure at flow rates up to 60 Nm³/hr, and is suitable for LPG, Natural Gas and Nitrogen service. It is built with an SGCI (Spheroidal Graphite Cast Iron) body, an aluminum bonnet and brass trim parts. The series is available in two connection sizes on one common design — the R6111-I with a 40mm (1½″) BSPF threaded connection, and the R6111-II with a 50mm (2″) BSPF threaded connection — both sharing the same pressure, flow and construction specification. Manufactured by Vanaz Engineers Ltd, Pune.

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