R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz R5112 Preset Pressure Regulator (1 to 5 Kg/cm²)

Brand: Vanaz | Code/Part No.: R5110 / R5112 | Category: PRESSURE REGULATOR VALVES

Specifications

Type	**R5110 / R5112**
Connection Size — R5110	**1.5" NB Flanged, ANSI 150#**
Connection Size — R5112	**2" NB Flanged, ANSI 150#**
Gas	**LPG / Natural Gas / Nitrogen (both variants)**
Inlet Pressure	**1 – 5 Kg/cm² (both variants)**
Outlet Pressure	**0.15 – 0.6 Kg/cm² (150 – 600 mbar) (both variants)**
Flow Rate	**80 Nm³/Hr. (both variants)**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R5110 / R5112 is a preset pressure regulator built for a wide, variable inlet pressure range, well suited as a regulator ahead of medium to large industrial furnace and burner systems. It accepts an inlet pressure of 1–5 Kg/cm² and delivers a regulated outlet pressure of 0.15–0.6 Kg/cm² (150–600 mbar) at a flow capacity of 80 Nm³/hr, and is compatible with LPG, Natural Gas and Nitrogen service. The series is available in two flanged connection sizes on one common design — the R5110 with a 1.5″ NB flanged (ANSI 150#) connection, and the R5112 with a 2″ NB flanged (ANSI 150#) 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.