R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz Low Pressure Regulator R4110

Brand: Vanaz | Code/Part No.: R4110 | Category: PRESSURE REGULATOR VALVES

Specifications

Type	**R4110**
Inlet Pressure	**1 – 17 kg/cm²**
Outlet Pressure	**0.03 – 0.3 kg/cm² (30 – 300 mbar), spring-adjustable**
Flow Rate	**30 Nm³/hr**
End Connection	**½" BSP (Internal) Inlet x ¾" BSP (Internal) Outlet, Threaded**
Media	**Air, LPG, Natural Gas, Carbon Dioxide, Nitrogen, Hydrogen, Acetylene**
Body Material	**Cast aluminium body, adjustable outlet via spring screw**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R4110 is a low-pressure, medium-flow gas pressure regulator designed for small industrial boilers, furnaces and commercial appliances such as canteen and restaurant kitchens. It steps down a 1–17 kg/cm² inlet pressure to a controlled, spring-adjustable 0.03–0.3 kg/cm² (30–300 mbar) outlet at up to 30 Nm³/hr, with a ½" BSP threaded inlet and ¾" BSP threaded outlet. It handles air, LPG, natural gas, carbon dioxide, nitrogen, hydrogen and acetylene, and is manufactured by Vanaz Engineers Ltd, Pune, for use across small-to-medium gas-fired equipment installations in India.

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