R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz R2301 III CO2 Gas Pressure Regulator

Brand: Vanaz | Code/Part No.: R2301 III | Category: PRESSURE REGULATOR VALVES

Specifications

Type	**R2301 III**
Connection	**25mm (1") BSPF Threaded End**
Gas	**CO2 / Nitrogen / Argon / Oxygen / Hydrogen**
Inlet Pressure	**15 – 200 Kg/cm²**
Outlet Pressure	**1 – 10 Kg/cm², spring-adjustable**
Flow Rate	**0 – 200 Nm³/Hr.**
Body Material	**Brass body, Carbon Steel (CS) bonnet, Brass trim parts**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R2301 III is a high-flow, adjustable pressure regulator built for CO2, Nitrogen, Argon, Oxygen and Hydrogen gas service, reducing high-pressure cylinder or manifold supply down to a safe, stable working pressure for industrial gas lines, beverage/CO2 carbonation systems and steel manufacturing plants. Rated for 15–200 Kg/cm² inlet down to a 1–10 Kg/cm² adjustable outlet at flow rates up to 200 Nm³/hr, it is built with a brass body and brass trim parts with a carbon steel bonnet. Outlet pressure is set via the top T-handle adjusting screw — clockwise increases pressure, counterclockwise decreases it. Manufactured by Vanaz Engineers Ltd, Pune.

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