R.K. Instruments & Controls

TECHNICAL DATASHEET

FLOW & FLAME CONTROL | Office No. 12, 1st Floor, Dhamanwala Service Complex, G.I.D.C., Pandesara, Surat - 394221, Gujarat, India
Phone: +91 9824136145 Email: rkic1976@gmail.com Web: www.rkic.in

Vanaz R2310 Industrial Gas Pressure Regulator

Brand: Vanaz | Code/Part No.: R2310 | Category: PRESSURE REGULATOR VALVES

Specifications

Type	**R2310**
Connection	**1.5" BSP (External Thread)**
Gas	**Oxygen / Nitrogen / Hydrogen / CO2 / Argon / CNG**
Inlet Pressure	**200 – 250 Kg/cm²**
Outlet Pressure	**0.5 – 50 Kg/cm² (spring/variant dependent), spring-adjustable**
Flow Rate	**0 – 300 Nm³/Hr. (up to 500 Nm³/Hr. in full-pressure configurations)**
Body Material	**Forged Brass body & bonnet, Brass trim parts**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R2310 is a heavy-duty, single-stage industrial gas pressure regulator engineered to control and reduce high pressure in gas cylinder manifolds and bulk distribution systems, delivering stable output pressure for a wide range of industrial gases. Rated for 200–250 Kg/cm² inlet down to a 0.5–50 Kg/cm² spring-adjustable outlet (spring/variant dependent), with flow rates up to 300 Nm³/hr in standard configuration and up to 500 Nm³/hr under full-pressure configurations. It is built with a forged brass body and bonnet with brass trim parts, and is widely used in CO2 carbonation manifolds for the soft drink industry, oxygen lancing and flame-cutting systems in steel plants, and as the primary-stage regulator in centralized industrial gas distribution pipelines. Manufactured by Vanaz Engineers Ltd, Pune.

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