R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz R2301 II Oxygen Gas Pressure Regulator

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

Specifications

Type	**R2301 II**
Connection	**25mm (1") BSPF Threaded End**
Gas	**Oxygen / Nitrogen**
Flow Rate	**0 – 100 Nm³/Hr.**
Inlet Pressure	**15 – 120 Bar**
Outlet Pressure	**1 – 10 Bar, spring-adjustable**
Body Material	**Brass body, Aluminium bonnet, Brass trim parts**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R2301 II is a spring-loaded pressure regulator built for oxygen and nitrogen gas service, reducing high-pressure cylinder or manifold supply down to a safe, stable working pressure for cutting, welding and industrial gas-line applications. Rated for 15–120 bar inlet down to a 1–10 bar adjustable outlet at flow rates up to 100 Nm³/hr, it is built with a brass body and trim parts with an aluminium bonnet for oxygen-service compatibility. Outlet pressure is set via the top T-handle adjusting screw. Manufactured by Vanaz Engineers Ltd, Pune.

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