R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz Ammonia Low Pressure Regulator R4110 I

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

Specifications

Type	**R4110 I**
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", ¾" or 1" BSP (Internal), Threaded**
Media	**Ammonia (NH3)**
Body Material	**Cast aluminium body, SS trim parts for ammonia service**
Application	**Second-stage pressure regulator**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R4110 I is a low-pressure ammonia (NH3) pressure regulator, mainly used as a second-stage regulator in ammonia gas systems. 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 ½", ¾" or 1" BSP threaded end connections. Built with stainless steel trim parts for ammonia service. Manufactured by Vanaz Engineers Ltd, Pune.

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