R.K. Instruments & Controls

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Vanaz R9109 Series Flame Arrestor with Non-Return Valve

Brand: Vanaz | Code/Part No.: R9109 | Category: FLAME ARRESTORS

Specifications

Type	**R9109 Series**
Application	**Flame Arrestor with Non-Return Valve**
Gas Compatibility	**LPG / Natural Gas**
Working Pressure	**1 – 19 Kg/cm² (bar)**
End Connection	**1½"–2", BSP Threaded or ANSI #150 Flanged**
Body Material	**Cast Mild Steel / Carbon Steel Body, Brass Trim, SS Ribbon Element Pack**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R9109 series is a range of high-capacity flame arrestors with an integrated non-return valve (NRV), engineered for heavy-duty gas distribution manifolds. It stops flashback propagation and blocks reverse flow before it reaches upstream storage, protecting the gas line from explosion hazards. The body is Cast Mild Steel / Carbon Steel with a brass trim assembly and a stainless steel ribbon element pack. The series is available in four end-connection options — 1½″ or 2″ BSP threaded, and 1½″ or 2″ ANSI Class #150 flanged — see the table below. Working pressure is rated up to 17–19 Kg/cm² (bar) on LPG and Natural Gas. Manufactured by Vanaz Engineers Ltd, Pune.

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