R.K. Instruments & Controls

TECHNICAL DATASHEET

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Vanaz R9110 Flame Arrestor with Non-Return Valve

Brand: Vanaz | Code/Part No.: R9110 | Category: FLAME ARRESTORS

Specifications

Type	**R9110**
Application	**Flame Arrestor with Non-Return Valve**
Gas Compatibility	**Oxygen, LPG, Natural Gas, Acetylene**
Working Pressure	**19 – 20 Kg/cm² (bar)**
End Connection	**½"–2", BSP / BSPF Threaded**
Body Material	**Stainless Steel (SS) & Brass — Selected per Gas Media (see table**
Manufacturer	**Vanaz Engineers Ltd, Pune**



Description

The Vanaz R9110 is a flame arrestor with an integrated non-return valve (NRV) using a brass spring mechanism, fitted in-line on gas supply piping to stop flame propagation and flashback from reaching the upstream gas line and mitigate explosion hazards. It is rated for Oxygen, LPG, Natural Gas and Acetylene service, with BSP/BSPF threaded end connections from ½″ to 2″, rated up to 19–20 Kg/cm² (bar) working pressure. Body and internal trim material (Stainless Steel, Carbon Steel or Brass) is selected to match the gas medium in your line — see the selection table below. Manufactured by Vanaz Engineers Ltd, Pune.

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