R.K. Instruments & Controls

TECHNICAL DATASHEET

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Madas AG/RC DN25 Air/Gas Ratio Regulator

Brand: Madas | Code/Part No.: AG04 | Category: RATIO REGULATORS

Specifications

Model	**AG/RC DN25**
Type	**Air/Gas Zero Governor & Ratio Regulator**
Part No.	**AG04**
Connection Size	**DN25, Rp 1" (threaded, EN 10226) / flanged**
Transmission Ratio	**1:1 – 1:10 (adjustable, per nameplate)**
Maximum Inlet Pressure	**500 mbar**
Outlet (Control) Pressure Range	**0.2 to 120 mbar**
Filter Element	**50µm (other filtering qualities on request)**
Ambient Temperature	**-15°C to +60°C**
Standards	**EN 88-1, EN 13611, EN 10226 (threaded connections)**
Manufacturer	**MADAS s.r.l., Italy**
Country of Origin	**Italy**



Description

The Madas AG/RC DN25 (Part No. AG04) is an air/gas zero governor and ratio regulator used on burner and gas-train lines to keep gas supply pressure matched to combustion-air pressure across the firing range. It works either as a zero regulator, holding downstream pressure at zero (atmospheric) regardless of flow, or as an air/gas ratio controller, maintaining a constant gas/air ratio as air pressure varies. Sized for DN25 (Rp 1") connections with a built-in 50µm filter, it is rated for a maximum inlet pressure of 500 mbar and an outlet control range of 0.2 to 120 mbar, with a 1:1–1:10 adjustable ratio as marked on this unit. Certified to EN 88-1 and EN 13611, it is rated for a -15°C to +60°C ambient temperature range. Manufactured by MADAS s.r.l., Verona, Italy.

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