

Gas Pressure Reducing Regulator

These gas reducing regulators maintain accurate downstream pressure, adjustable via a set handle. A relief port prevents excessive downstream pressure build-up.



ADDITIONAL IMAGES



Product Overview

Gas Pressure Reducing Regulator

The FR and AR series gas reducing regulators are engineered for precise downstream pressure control in demanding industrial environments. Featuring robust 316 stainless steel construction, these valves are designed to withstand harsh conditions, including sour gas and off-shore applications. Each unit includes an integrated relief port to prevent excessive pressure buildup, ensuring safety and operational reliability.

Technical Specifications

Inlet Pressure	MAX.300 psig(20.7 bar)	Wetted Material	316,X -750
Outlet Pressure	0-150 Psig(0~10.3bar) Regulator	Seal Material	Buna N standard
	MAX.300 Psig(0~20.7bar) Filter	Element Pore Size	25um
Work Temperature	-40~250°F(-40~ 120°C)standard valve	Media	Natural gas, N2, Air

Technical data overview including pressure ratings, temperature limits, and material composition.

Wetted Materials	316 Stainless Steel, X-750
Seal Material	Buna N (Standard)
Operating Temperature Range	-40°F to 250°F (-40°C to 120°C)
Element Pore Size	25 um
Suitable Media	Natural Gas, N2, Air

Performance Metrics

Pressure Ratings

300 psig

Max Inlet Pressure

150 psig

Max Outlet Pressure

NACE MR-0175 Compliance

Available • Optional

Configuration Options

Ordering code: **AR-D3SS-FN4-AN1**

Code	Valve Type
AR	Regulator
FR	Regulator with Filter
FT	Filter

Code	Inlet Press.
D3	300 Psig

Code	Body Material
SS	316 SS

Code	Valve Ports
FN4	1/4 Female NPT
FN8	1/2 Female NPT

Code	Output Range
A	0-100 psig, regulator
B	0-150 psig, regulator
None	Filter, the same as inlet

Code	MR-0175
None	NO
N1	-18~120°C, Yes
N2	-40~120°C, Yes

Drain Valve is just for FR&FT valves.
Other sizes and types available upon request.
For special requirements, please contact us.

Ordering guide illustrating available valve types, port sizes, and material configurations.

Valve Configuration Types

- AR: Regulator
- FR: Regulator with Filter
- FT: Filter

Available Port Sizes

- 1/4 Female NPT (FN4)
- 1/2 Female NPT (FN8)