

# Pure gas devices



## HF pressure regulator

### Product description

Pressure regulator, suitable for pure gases, equipped with a pressure gauge to show the low pressure, used at work stations to reduce pressure. Maximum inlet pressure is 30 bar, the outlet pressure is adjustable up to 12 bar. Inlet and outlet connections to pressure regulator are G1/4" M R. Its maximum capacity at 12 bar outlet pressure is 18 Nm<sup>3</sup>/h, 300 NI/min. A helium leak test at 10-4 mbar l/s can be carried out at the customer's request.

### Normatives

UNI EN ISO 2503:2015 | UNI EN ISO 5171:2010 | UNI EN ISO 9001:2008

### Components

- One HF low pressure regulator with chemically nickel-plated brass body with adjustable calibration and stainless steel diaphragm.
- ABS adjustment knob.
- One G1/4" F R inlet.
- One G1/4" F R outlet.
- One overpressure discharge valve, built into the pressure regulator, pre-calibrated and with drain channel, G1/4 "M R.
- One low pressure gauge with range according to the gas used, class 2.5.
- Stainless steel springs.
- TEFLON seal seat.
- NBR o-ring.

### Product codes

Q max.	P <sub>1</sub> max.	P <sub>2</sub> max.	CODE
4 Nm <sup>3</sup> /h	30 bar	1,2 bar	HRG20
16 Nm <sup>3</sup> /h	30 bar	5 bar	HRG21
18 Nm <sup>3</sup> /h	30 bar	12 bar	HRG22

## Technical data

CODE	Q max.	P <sub>1</sub> max.	P <sub>2</sub> max.	CONNECTION	PRESSURE GAUGE RANGE	WEIGHT
HRG20	4 Nm <sup>3</sup> /h	30 bar	1,2 bar	G1/4" F R - G1/4" F R	0-1,6 bar	0,9 kg
HRG21	12 Nm <sup>3</sup> /h	30 bar	5 bar	G1/4" F R - G1/4" F R	0-6 bar	0,9 kg
HRG22	18 Nm <sup>3</sup> /h	30 bar	12 bar	G1/4" F R - G1/4" F R	0-16 bar	0,9 kg

## Technical Images

