

Pure gas devices



Workstation with pressure regulator

Product description

Workstation designed to connect a user to a pure gas distribution network, used to reduce pressure on the line. The device consists of a single-gauge HF pressure regulator with body, cap and overpressure discharge valve, integrated in the regulator, made of chemically nickel-plated CW614N brass. The inlet connection to the shut-off valve and the outlet to the pressure regulator are G1/4" F R. Its maximum capacity at 12 bar outlet pressure is 18 Nm³/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.
- Adjustment knob and valve knob made of ABS.
- One G1/4" F R inlet.
- One G1/4" F R outlet.
- One pre-calibrated overpressure relief valve.
- One low pressure shut-off valve with ball valve.
- One low pressure gauge with range according to the gas used, class 2.5.
- Stainless steel springs.
- TEFLON seal seat.
- NBR o-ring.
- Anodized aluminum wall mount support.

Product codes

PRESSURE GAUGE RANGE	Q max.	P ₁ max.	P ₂ max.	CODE
0-1,6 bar	9 Nm ³ /h	30 bar	1,2 bar	HPP002CV
0-6 bar	15 Nm ³ /h	30 bar	5 bar	HPP003CV
0-16 bar	15 Nm ³ /h	30 bar	12 bar	HPP004CV

Technical data

CODE	Q max.	P ₁ max.	P ₂ max.	INLET - OUTLET CONNECTION	PRESSURE GAUGE RANGE	WIDTH	HEIGHT	DEPTH	WEIGHT
HPP002CV	4 Nm ³ /h	30 bar	1,2 bar	G1/4" F R - G1/4" F R	0-1,6 bar	120 mm	190 mm	150 mm	1,9 kg
HPP003CV	12 Nm ³ /h	30 bar	5 bar	G1/4" F R - G1/4" F R	0-6 bar	120 mm	190 mm	150 mm	1,9 kg
HPP004CV	18 Nm ³ /h	30 bar	12 bar	G1/4" F R - G1/4" F R	0-16 bar	120 mm	190 mm	150 mm	1,9 kg

Technical Images

