

Medical gas devices



HF/200 pressure regulator

Product description

Two-stage pressure regulator for cylinder, suitable for use with medical gases, with two reducers in cascade to have a more stable outlet pressure and flow; is equipped with two pressure gauges to show cylinder pressure and operating pressure. The device is made up of two HF pressure reducers with chemically nickel-plated CW614N brass bodies and integrated overpressure discharge valves: the first reduces the cylinder pressure to a fixed pressure of 12 bar, the second allows the user to adjust the outlet pressure between 0.2 bar and 2

bar. The 2-stage system is designed to optimally stabilize the regulator outlet pressure and should be chosen for operating pressures lower than 2 bar and that require stable and precise dispensing. Maximum inlet pressure is 200 bar, the outlet pressure is adjustable up to 2 bar. Inlet connection is specific to the gas type, outlet connection is G1/4" M R. Its maximum capacity at 2 bar outlet pressure is 2,4 Nm³/h, 40 NI/min.

Normatives

UNI EN ISO 10524-1 | UNI CEI EN ISO 14971 | UNI EN ISO 15001

Components

- N. One HF High Pressure regulator with chemically nickel-plated CW614N brass body and adjustable calibration.
- N. One HF Low Pressure regulator with chemically nickel-plated CW614N brass body and adjustable calibration.
- ABS adjustment knob.
- N. One gas-specific inlet.
- N. One G1/4" M R outlet.
- N. One overpressure discharge valve, built into the pressure regulator, pre-calibrated and with drain channel, G1/4" M R.
- N. One High Pressure gauge with range according to the gas used, class 2.5.
- N. One Low Pressure gauge with range according to the gas used, class 2.5.
- N. One sintered bronze inlet filter with filtration grade > 100 mm Stainless steel springs.
- EPDM PEROX membrane.
- NYLON seal seat for O₂, PTFE seal seat for other gases.
- EPDM PEROX O-Ring.



Organismo Notificato n. 0476
Notified Body nr. 0476

Maintenance kit

CODE	GAS	DESCRIPTION
HK010	O ₂	MAINTENANCE EQ HF H.P. NYLON
HK012	O ₂	MAINTENANCE EQ HF L.P. NYLON
HK011	Air , N ₂ O , CO ₂ ,N ₂	MAINTENANCE EQ HF H.P. PTFE
HK013	Air , N ₂ O , CO ₂ ,N ₂	MAINTENANCE EQ HF L.P. PTFE

Technical data

CODE	GAS	Q max.	P ₁ max.	P ₂ max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR126	O ₂	2,4 Nm ³ /h	200 bar	2 bar	DIN-9	G1/4" M R	2,4 kg
HR127	O ₂	2,4 Nm ³ /h	200 bar	2 bar	NF-F	G1/4" M R	2,4 kg
HR218	O ₂	2,4 Nm ³ /h	200 bar	2 bar	DIN-13	G1/4" M R	2,4 kg
HR129	N ₂ O	2,4 Nm ³ /h	200 bar	2 bar	NF-G	G1/4" M R	2,4 kg
HR217	N ₂ O	2,4 Nm ³ /h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR130	Air	2,4 Nm ³ /h	200 bar	2 bar	DIN-13	G1/4" M R	2,4 kg
HR131	Air	2,4 Nm ³ /h	200 bar	2 bar	NF-D	G1/4" M R	2,4 kg
HR215	Air	2,4 Nm ³ /h	200 bar	2 bar	DIN-9	G1/4" M R	2,4 kg
HR132	CO ₂	2,4 Nm ³ /h	200 bar	2 bar	DIN-6	G1/4" M R	2,4 kg
HR133	CO ₂	2,4 Nm ³ /h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR134	N ₂	2,4 Nm ³ /h	200 bar	2 bar	DIN-10	G1/4" M R	2,4 kg
HR135	N ₂	2,4 Nm ³ /h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR216	N ₂	2,4 Nm ³ /h	200 bar	2 bar	UNI-2	G1/4" M R	2,4 kg

Technical Images



