



Medical gas devices



Organismo Notificato n. 0476
Notified Body nr. 0476

HF cylinder pressure regulator with terminal unit

Product description

Pressure regulator for cylinders, suitable for medical gases, equipped with single pressure gauge to show operating pressure, used on cylinder outlets to reduce the pressure down to that of the line or equipment. Maximum inlet pressure is 200 bar. The inlet connection is gas-specific. A UNI 9507 or AFNOR NF-S 90-116 can be fitted on the outlet.



Normatives

UNI EN ISO 10524-1 | UNI EN 837-1 | NF S 90-116 | UNI CEI EN ISO 14971 | UNI 9507 | UNI EN ISO 15001

Components

- N.One HF High Pressure regulator with chemically nickel-plated CW614N brass body and adjustable calibration.
- N.One gas-specific inlet.
- N.1 outlet with UNI 9507 or AFNOR NS-S 90-116 socket.
- 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 stainless steel 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.

Maintenance kit

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

Technical data

CODE	GAS	Q max.	P ₁ max.	P ₂	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR104	O ₂	9 Nm ³ /h	200 bar	4 bar	NF-F	AFNOR NF S 90-116	1,1 kg
HR207	O ₂	9 Nm ³ /h	200 bar	4 bar	DIN-13	AFNOR NF S 90-116	1,1 kg
HR105	N ₂ O	9 Nm ³ /h	200 bar	4 bar	NF-G	AFNOR NF S 90-116	1,1 kg
HR204	N ₂ O	9 Nm ³ /h	200 bar	4 bar	NF-C	AFNOR NF S 90-116	1,1 kg
HR106	Air	9 Nm ³ /h	200 bar	4 bar	NF-D	AFNOR NF S 90-116	1,1 kg
HR195	Air	9 Nm ³ /h	200 bar	4 bar	DIN-9	AFNOR NF S 90-116	1,1 kg
HR107	CO ₂	9 Nm ³ /h	200 bar	4 bar	NF-C	AFNOR NF S 90-116	1,1 kg
HR203	CO ₂	9 Nm ³ /h	200 bar	4 bar	DIN-6	AFNOR NF S 90-116	1,1 kg

Technical Images

