



# Medical gas devices



## EURO/A cylinder pressure regulator


 Organismo Notificato n. 0476  
 Notified Body nr. 0476

### Product description

Pressure regulator for cylinders, suitable for medical gases, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders to reduce the pressure down to the line or equipment set. Maximum inlet pressure is 200 bar, the outlet pressure is adjustable up to 12 bar. The gas inlet connection is specific to the gas type, the outlet is fitted with an Ø 6 hose connector. Its maximum nitrogen capacity at 12 bar outlet pressure is 60 Nm<sup>3</sup>/h, 1000 NI/min.

### Normatives

UNI EN ISO 10524-1 | UNI EN ISO 10524-2 | UNI EN 837-1 | UNI CEI EN ISO 14971 | UNI EN ISO 15001

### Components

Connection, body, cap and overpressure discharge valve integrated in the pressure regulator, made of CW617N chemically nickel-plated brass.

Pressure adjustment by threaded screw and black NYLON knob.

N. One gas-specific inlet.

N. One Ø6 mm hose connector on the outlet.

N. One 0-315 bar inlet pressure gauge, Ø 63 mm, class 2.5.

N. One 0-16 bar outlet pressure gauge, Ø 63 mm, class 2.5.

Stainless steel springs.

FKM O-Ring and membrane for O<sub>2</sub>, NBR O-ring and membrane for other gases.

NYLON seal seat for O<sub>2</sub>, PTFE seal seat for other gases.

NYLON gaskets.

### Maintenance kit

CODE	GAS	DESCRIPTION
HK005	O <sub>2</sub>	MAINTENANCE EQ EURO/A NYLON
HK006	Air , N <sub>2</sub> O , CO <sub>2</sub> ,N <sub>2</sub>	MAINTENANCE EQ EURO/A PTFE

## Technical data

CODE	GAS	Q max.	P <sub>1</sub> max.	P <sub>2</sub> max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR160D	O <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	DIN-9	Hose connector Ø 6 mm	1,3 kg
HR160F	O <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	NF-F	Hose connector Ø 6 mm	1,3 kg
HR161F	N <sub>2</sub> O	60 Nm <sup>3</sup> /h	200 bar	12 bar	NF-G	Hose connector Ø 6 mm	1,3 kg
HR162D	Air	60 Nm <sup>3</sup> /h	200 bar	12 bar	DIN-13	Hose connector Ø 6 mm	1,3 kg
HR162F	Air	60 Nm <sup>3</sup> /h	200 bar	12 bar	NF-D	Hose connector Ø 6 mm	1,3 kg
HR163D	CO <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	DIN-6	Hose connector Ø 6 mm	1,3 kg
HR163F	CO <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	NF-C	Hose connector Ø 6 mm	1,3 kg
HR164D	N <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	DIN-10	Hose connector Ø 6 mm	1,3 kg
HR164F	N <sub>2</sub>	60 Nm <sup>3</sup> /h	200 bar	12 bar	NF-C	Hose connector Ø 6 mm	1,3 kg

## Technical Images



