

## FIRST STAGE PRESSURE REDUCER FOR MEDICAL EQUIPMENT, ADJUSTABLE OUTPUT PRESSURE 0-4BAR

### Series RO.200



Single stage pressure reducer. It is used to power medical systems and equipment. It can be equipped with a outlet rubber hose or UNI/AFNOR/DIN/BS socket. The outlet pressure is adjustable.

#### SAFETY DEVICES

Over pressure safety valve  
Single unit test  
Sintered filter  
Single integrated body

#### TRACEABILITY

Serial number stamped on the valve body

#### LIFETIME OF THE PRODUCT

10 years from product manufacturing

#### DOCUMENTATION

Declaration of Conformity and instructions for use

#### REFERENCE LEGISLATIVE STANDARDS

CE<sub>0123</sub> Council Directive 93/42/EEC  
Class IIB  
RDM 84047/R DM 20th of February 2007  
CND Z120309 DM 20th of February 2007

#### REFERENCE TECHNICAL STANDARDS

UNI EN 10524-1

#### TECHNICAL FEATURES

##### PERFORMANCE

Gas O<sub>2</sub>, Air, N<sub>2</sub>O, CO<sub>2</sub>  
Inlet pressure 230 bar (on request 300 bar)  
Outlet pressure adjustable 0-4 bar  
Operating temperature -20° C +50° C

##### MATERIALS

Body CW617N-UNI EN 12165  
Chrome-plated brass  
Brass and P.A.6.6

Reducing piston

##### GAUGE

Full scale 0-315 Bar  
0-16 bar (b p)  
Accuracy class 2.5  
Diameter 50 mm.  
Fitting 1/8" G.C

##### CONNECTION

Outlet Perpendicular to the inlet connection  
9/16 and hose connector 6 mm.  
Fitting UNI AFNOR  
Inlet connection UNI 11144/2 (Medical oxygen)  
UNI 11144/6 (Medical air)  
UNI 11144/9 (Medical nitrous oxide)  
UNI 11144/10 (Medical carbon dioxide)

##### DIMENSION AND WEIGHT

Dimension 130 x 120 x 190 mm.  
Weight 1,130 kg.

CODE	DESCRIPTION	INLET	OUTLET	GAS
RO.200.12081UNI	REDUCER 1° STADIO 2MAN. O2 UNI PG	UNI 2	PG	O2
RO.200.12081NF	REDUCER 1° STADIO 2MAN. O2 NF PG	NF B	PG	O2
RO.200.12081DIN	REDUCER 1° STADIO 2MAN. O2 DIN9 3/4 G /PG	DIN	PG	O2
RO.200.12081DIN6	REDUCER 1° STADIO 2MAN. O2 DIN6 21.8 PG	DIN6	PG	O2
RO.200.12082UNI	REDUCER 1° STADIO 2MAN. AIR UNI PG	UNI 6	PG	ARIA
RO.200.12082NF	REDUCER 1° STADIO 2MAN. AIR NF PG	NF B	PG	ARIA
RO.200.12082DIN	REDUCER 1° STADIO 2MAN. AIR DIN 5/8 PG	DIN	PG	ARIA
RO.200.12082DIN6	REDUCER 1° STADIO 2MAN. AIR DIN 6 21,8PG	DIN6	PG	ARIA
RO.200.12084	REDUCER 1° STADIO.2MAN. CO2MED PG	UNI 2	PG	CO2 MED
RO.200.12084MED	REDUCER 1° STADIO 2MAN. CO2 MED PG	UNI 10H	PG	CO2 MED
RO.200.12086	REDUCER 1° STADIO.2MAN. N2O PG	UNI9	PG	N2O
RO.200.12086UNI	REDUCER 1° STADIO 2MAN. N2O UNI PG	UNI9	PG	N2O
RO.200.12086NF	REDUCER 1° STADIO.2MAN. N2O NF PG	AFNOR G	PG	N2O
RO.202.12091	REDUCER 1 STD 2MAN. O2 + AFNOR	UNI 2	AFNOR	O2
RO.201.12101	REDUCER 1 STD 2MAN. O2 + UNI	UNI 2	UNI	O2
RO.201.12102	REDUCER 1 STD 2MAN. AIR + UNI INTAKE	UNI 6	UNI	ARIA
RO.201.12104	REDUCER 1 STD 2MAN. CO2 MED + UNI	UNI 10H	UNI	CO2 MED
RO.201.12106	REDUCER 1 STD 2MAN. N2O + UNI	UNI9	UNI	N2O