

CONCERNED PRODUCT: REGULATOR ART.NR. 0720124 MEDISELECT II

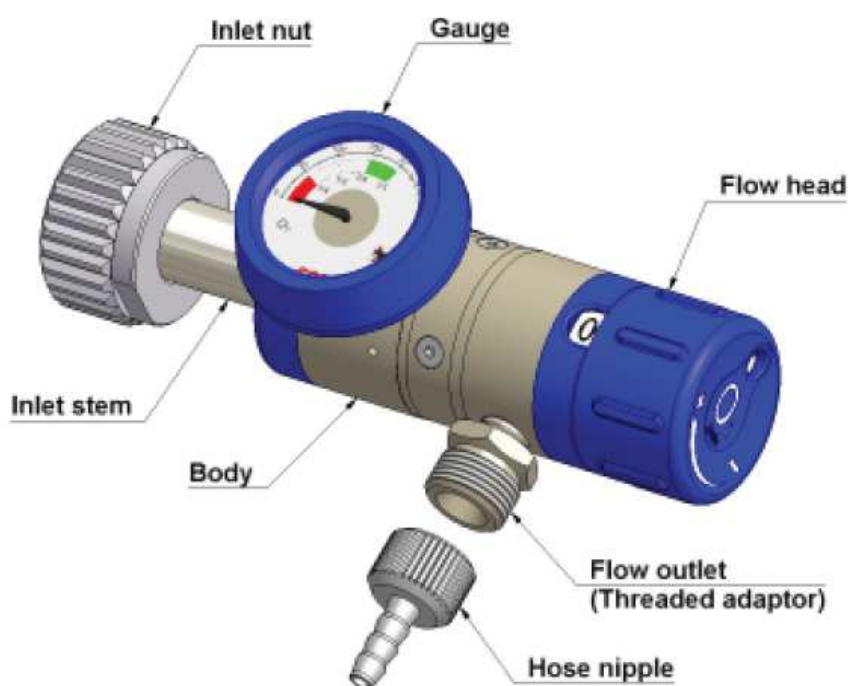
APPENDIX NR. 1 - TECHNICAL AND PERFORMANCE DATA

SCOPE

This appendix provides technical and performance data for the owner and the end user. It is part of the Instruction for use for high pressure regulators.

TECHNICAL DATA

Identification of main components



*Above pictures represent a “standard” regulator and are given for information.
Appearance of the product concerned by this appendix may be slightly different.

HOUSING COMPONENTS MATERIAL			
Body	Nickel plated brass	Gauge window	Polycarbonate (PC)
Plastic parts	Polyamid (PA 66)	Gauge cover	Termo-plastic elastometer (TPE)

PORT FITTINGS			
Inlet connection	G 3/4	Flow outlet	Thread 9/16x18UNF
		Pressure outlet	DIN QC

DIMENSIONS AND WEIGHT	
Approx. overall width	60 mm
Approx. overall height	95 mm
Approx overall depth	125 mm
Approx. overall weight	0,85 kg

PERFORMANCE DATA

Design conditions

STORAGE		OPERATION	
Tem. range	-30 ⁽¹⁾ to 60°C	Temp. range	-20 to 60°C
Humidity	10 to 100 ⁽²⁾ % HR	Humidity	10 to 100% HR
Ambient pressure	600 to 1200 mbar	Ambient pressure	600 to 1200 mbar



⁽¹⁾ In case of storage at a temperature below -20°C do not operate the regulator until it has been allowed to increase its temperature to a minimum of -20°C.



⁽²⁾ Storage at 100% HR (or around) should result from really specific and temporary period (raining period,...). The integrity of the packaging should be considered in this case.

Performance

CHARACTERISTICS			
Gas	Medical O ₂	Inlet pressure	P1 = 200 bar
Rated outlet pressure (P2)	See attached flow curves	Closing pressure	P4 <5,5 bar
Total gas flow at pressure outlet	See the flow curve		
Flow outlet settings ⁽³⁾	0-1-2-3-4-5-6-7-9-12-15-25 l/min		
Relief pressure	P > 5,5 bar Full flow at 10 bar		



⁽³⁾ Flow to be accurate within +/-20% of reading.
Note that flow rates below or equal to 1,5 l/min have a tolerance of +/- 30% of reading.
Flow are corrected at 23°C and 1,013 bar