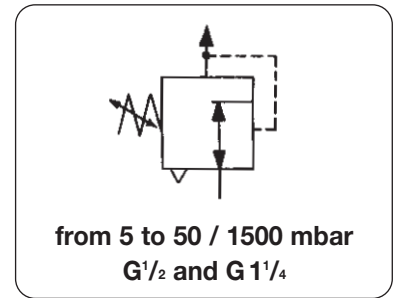


Description	Precision regulator in mbar range without auxiliary power. For gas purity up to 5.0 (99.999%). Accurate and reliable regulation with large diaphragm for high sensitivity. Regulator RR-04 has a positive shut-off seal, RR-10 is pilot-operated with integrated relief valve.	
Media	non corrosive gases, oxygen, acetylene and liquid gases, recommended for up to 5.0 (99.999%) purity.	
Supply pressure	RR-04 max. 20 bar K _v : 0.78 m ³ /h	RR-10 max. 20 bar K _v : 2.1 m ³ /h
Ports	inlet / outlet: G ^{1/2} Gauge port: M17x1 with cap, 1/2" gauge adapter	inlet G ^{1/8} outlet: G ^{1/4} Gauge port: M17x1 with cap, 1/2" gauge adapter
Temperature range	-20 °C to 70 °C, CO ₂ max. 40 °C - 4 °F to 160 °F, CO ₂ max. 100 °F	-20 °C to 70 °C, CO ₂ max. 40 °C - 4 °F to 160 °F, CO ₂ max. 100 °F
Materials	Body: brass, grey-coated Diaphragm: NR, wetted side with PFEP coating Seat: NBR	Body: brass, grey-coated Diaphragm: NR, wetted side with PFEP coating Seat: NBR

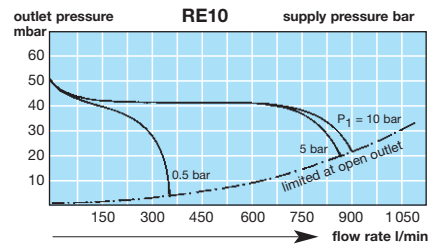
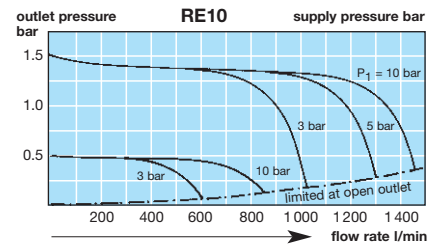
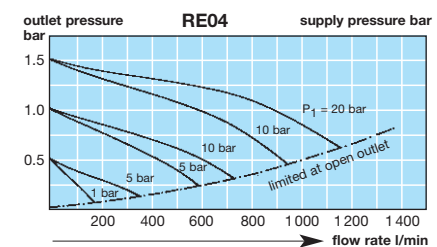
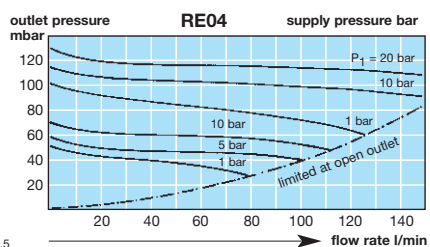
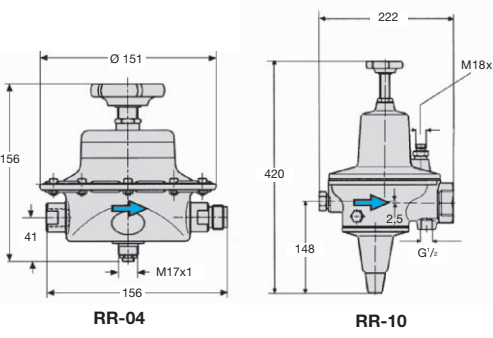
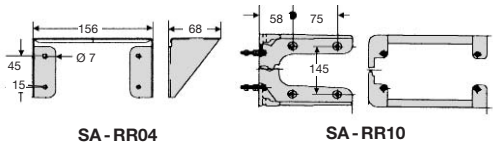
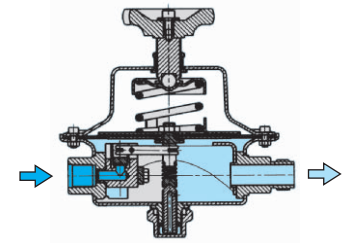


Dimensions			Supply pressure	Flow rate	Connection thread	Pressure range	Order number
H	W	D	max. bar	max. l/min	G	mbar/bar	

Low pressure regulator for air and non-inflammable gases, no bleed							RR
RR-04: non-relieving, RR-10: with overpressure valve							
156	151	41	20	40	G ^{1/2}	5... 50 mbar	RR-04B
				75		10...100 mbar	RR-04B
				150		50...500 mbar	RR-04C
				200		0.1... 1 bar	RR-04D
				300		0.2...1.5 bar	RR-04E
420	222	148	20	250	G ^{1/4} *1	5... 10 mbar	RR-10A
				500		50...500 mbar	RR-10C
				800		0.2...1.5 bar	RR-10E



Special options	add the appropriate letter			
pressure gauge	Ø100, handwheel below	all	G	RR - . . . G
flammable gases		all	U	RR - . . . U
oxygen		all	O	RR - . . . O
acetylene		only RR-04	19	RR - 04. 19
mounting bracket	SA-RR04	only RR-04	X	RR - 04. X
mounting bracket	SA-RR10	only RR-10	X	RR - 10. X



*1 Supply port G^{1/8}

For your information:	1 bar: 14.8 psi 1 psi: 0.069 bar	1 l/min: 0.035 scfm 1 scfm: 28.3 l/min	1 mm: 0.039 inch 1 inch: 25.4 mm
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Order example:
RR-04A