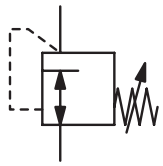
Low Pressure Regulator, Supply Pressure max. 4 bar — RGB4

Description	Highly sensitive low pressure regulator which can also be used as volume booster. With inlet pressure compensation for high precision regulation, high flow and safety diaphragm for added security. Zero shut-off prevents outlet pressure from increasing.
Media	compressed air or non-corrosive gases
Supply pressure	max. 4 bar
Air consumption	without constant bleed
Adjustment	manual by turning the spindle under the cover of the spring cage
Relieving function	non-relieving
Accuracy	max. 20% pressure drop at full flow
Gauge port	none as standard, optionally gauge port G¼ on one side at G½ and G1, standardly G¼ at G1½
Mounting position	any
Temperature range	-15 °C to 60 °C / 5 °F to 140 °F
Material	Body: aluminium Inner valve: aluminium and plastic Elastomer: NBR/Buna-N



G½ up to G1½
5…12/350 mbar

Dimensions A mm	B mm	C mm	Nominal size DN	K_v value (m^3/h)	Flow rate m^3/h*1	l/min*1	Connection thread G	Pressure range mbar	Order number
Low pressure regulator supply pressure max. 4 bar, non-relieving									**RGB4**
132	174	24	15	0.62	42	700	G½	5… 12	**RGB4-04A**
								10… 30	**RGB4-04C**
								25… 45	**RGB4-04D**
								40… 60	**RGB4-04E**
								55… 75	**RGB4-04F**
								70… 90	**RGB4-04G**
								85…105	**RGB4-04H**
								100…160	**RGB4-04I**
								150…230	**RGB4-04K**
								220…350	**RGB4-04L**
190	230	33	25	2.5	168	2800	G1	5… 12	**RGB4-08A**
								10… 30	**RGB4-08C**
								25… 45	**RGB4-08D**
								40… 60	**RGB4-08E**
								55… 75	**RGB4-08F**
								70… 90	**RGB4-08G**
								85…105	**RGB4-08H**
								100…160	**RGB4-08I**
								150…230	**RGB4-08K**
								220…350	**RGB4-08L**
190	265	55	40	5	336	5600	G1½	5… 12	**RGB4-12A**
								10… 30	**RGB4-12C**
								25… 45	**RGB4-12D**
								40… 60	**RGB4-12E**
								55… 75	**RGB4-12F**
								70… 90	**RGB4-12G**
								85…105	**RGB4-12H**
								100…160	**RGB4-12I**
								150…230	**RGB4-12K**
								220…350	**RGB4-12L**

RGB4-04CM
accessory: gauge

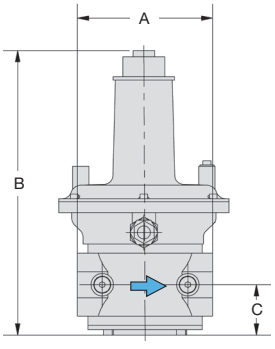
RGB4-12M
accessory: gauge

Special options, add the appropriate letter

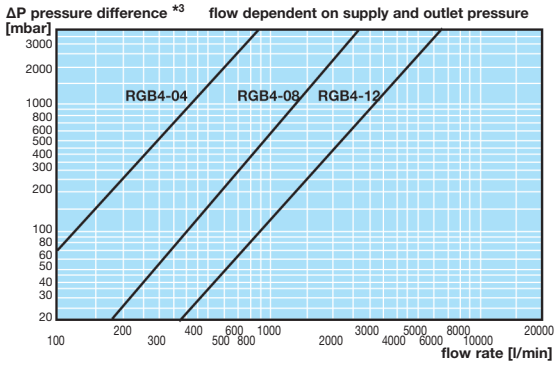
connection thread G¼	for pressure gauge	for G½ and G1	RGB4-. . .**M**

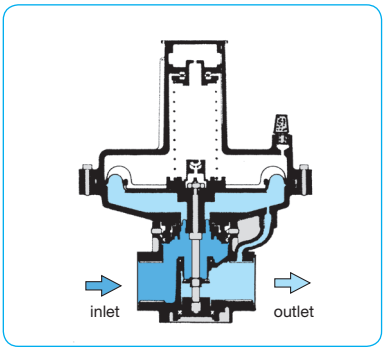
Accessories, enclosed

pressure gauge	Ø 63 mm, 0…*2 mbar, G¼	**MA6302-..*2**



RGB4





cross section

*1 at 4 bar supply pressure and 100 mbar outlet pressure
*2 **B6** = 0…60 mbar, **C2** = 0…160 mbar, **C3** = 0…250 mbar, **C4** = 0…400 mbar
*3 $\Delta P = P_1 - P_2$ difference between supply and outlet pressure

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
RGB4-04A