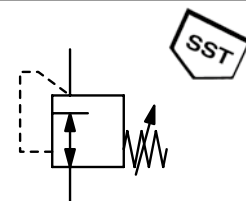


Description	Pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent. Inner parts are replaceable. With stainless-steel dirt-trap / strainer
Medium	aggressive liquids, compressed air or non-corrosive gases. Not suitable for steam!
Supply pressure	see chart, max. 40 bar
Minimum press. difference	$P_1 : P_2 = 1 \text{ bar}$
Adjustment	with hexagon socket, with locknut
Relieving function	non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Mounting position	any, preferably vertical
Temperature range	0 °C to 190 °C / 32 °F to 374 °F medium and ambient temperature
Material	Body, spring cage, inner valve: stainless steel 1.4408 / V4A / 316 L Elastomer and seals: FKM/FPM



G $\frac{1}{2}$ up to G2
liquids or gases

Dimensions			K _v -value	Flow rate	Supply pressure	Nominal size	Connection thread	Pressure-range	Order number	
A	B	C		water	max. bar	DN	G	bar		
mm	mm	mm	(m ³ /h)*1	l/min						

Regulator with female thread

for liquids, supply pressure max. 25/40 bar
non-relieving, 1.4408 / V4A / 316L, FKM

RAI

95	166	29	2,9	50	25	DN15	G $\frac{1}{2}$	0.2 ... 2	RAI-04A
95	147	29			25			0.5 ... 4	RAI-04B
95	147	29			25			1.5 ... 6	RAI-04C
95	147	29			25			1.5 ... 10	RAI-04D
95	165	29			40			2.0 ... 20	RAI-04F
95	166	29	3,9	65	25	DN20	G $\frac{3}{4}$	0.2 ... 2	RAI-06A
95	147	29			25			0.5 ... 4	RAI-06B
95	147	29			25			1.5 ... 6	RAI-06C
95	147	29			25			1.5 ... 10	RAI-06D
95	165	29			40			2.0 ... 20	RAI-06F
110	189	39	5,4	90	25	DN25	G1	0.2 ... 2	RAI-08A
110	157	39			25			0.5 ... 4	RAI-08B
110	157	39			25			1.5 ... 6	RAI-08C
110	157	39			25			1.5 ... 10	RAI-08D
110	176	39			40			2.0 ... 20	RAI-08F
120	189	39	6,1	102	25	DN32	G1 $\frac{1}{4}$	0.2 ... 2	RAI-10A
120	157	39			25			0.5 ... 4	RAI-10B
120	157	39			25			1.5 ... 6	RAI-10C
120	157	39			25			1.5 ... 10	RAI-10D
120	176	39			40			2.0 ... 20	RAI-10F



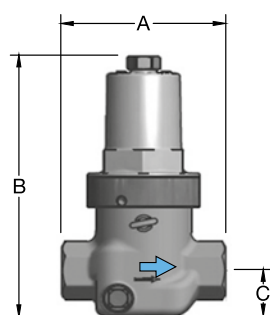
RAI-04...-10A



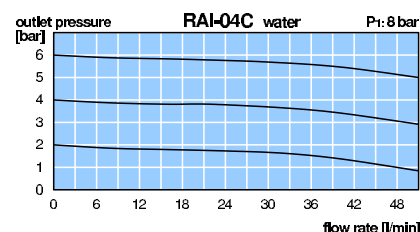
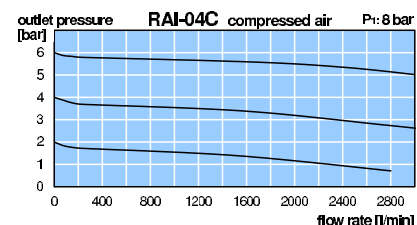
RAI-04...10B/C/D



RAI-04...-10D



RAI



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 for compressed air the flow is 65 times greater

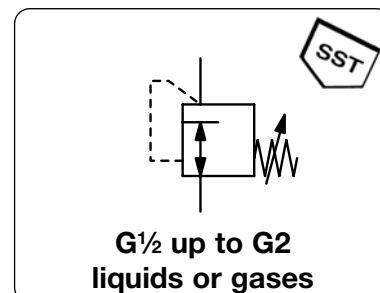
* Product group

PDF CAD
www.aircom.net



Order example:
RAI-04A

Description	Pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent. Inner parts are replaceable. With stainless-steel dirt-trap / strainer
Medium	aggressive liquids, compressed air or non-corrosive gases. Not suitable for steam!
Supply pressure	see chart, max. 40 bar
Minimum press. difference	$P_1 : P_2 = 1 \text{ bar}$
Adjustment	with hexagon socket, with locknut
Relieving function	non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Mounting position	any, preferably vertical
Temperature range	0 °C to 190 °C / 32 °F to 374 °F medium and ambient temperature
Material	Body, spring cage, inner valve: stainless steel 1.4408 / V4A / 316 L Elastomer and seals: FKM/FPM



Dimensions			K _v -value	Flow rate	Supply pressure	Nominal size	Connection thread	Pressure-range	Order number	
A	B	C	(m³/h)*1	l/min	max. bar	DN	G	bar		
mm	mm	mm								

Regulator with female thread						for liquids, supply pressure max. 25/40 bar non-relieving, 1.4408 / V4A / 316L, FKM		RAI		
150	306	37	9,0	150	25	DN40	G1½	0.2 ... 2	RAI-12A	
150	256	37			25			0.5 ... 4	RAI-12B	
150	256	37			25			1.5 ... 6	RAI-12C	
150	256	37			25			1.5 ... 10	RAI-12D	
150	284	37			40			2.0 ... 20	RAI-12F	
160	306	37	13	216	25	DN50	G2	0.2 ... 2	RAI-16A	
160	256	37			25			0.5 ... 4	RAI-16B	
160	256	37			25			1.5 ... 6	RAI-16C	
160	256	37			25			1.5 ... 10	RAI-16D	
160	284	37			40			2.0 ... 20	RAI-16F	



RAI-12/-16A



RAI-12/-16B/C/D

Special options, add the appropriate letter

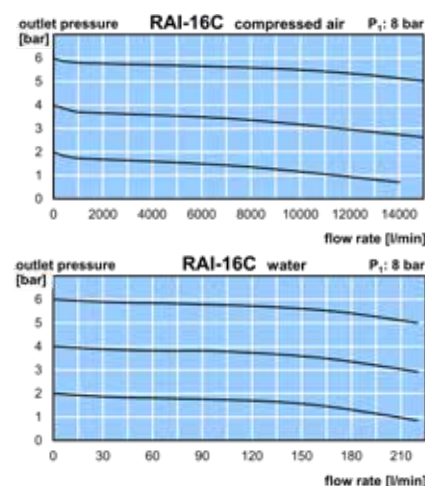
EPDM Elastomer	membrane and seals, FDA approval	RAF- . . TD
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Accessories, enclosed

SST pressure gauge	Ø 50 mm, 0...*3 bar, G $\frac{1}{4}$, for DN 15	MS5002-..*3
	Ø 63 mm, 0...*3 bar, G $\frac{1}{4}$, and all the rest of them	MS6302-..*3



RAI-12/-16F



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 for compressed air the flow is 65 times greater

* Product group

