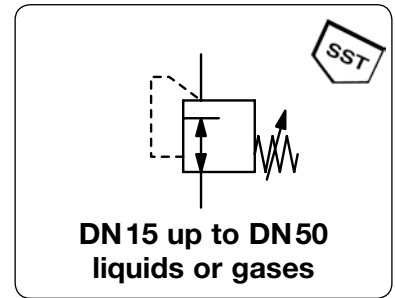


FLANGE PRESSURE REGULATOR MADE OF STAINLESS STEEL THROUGHOUT

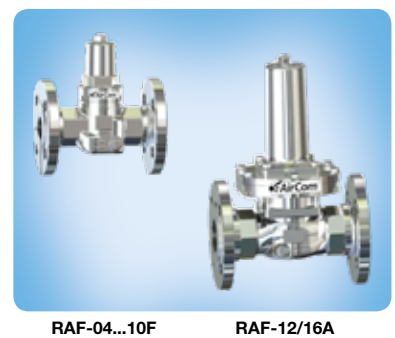
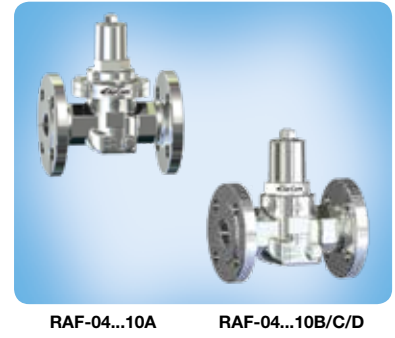
RAF

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	$P_1 : P_2 = 1$ 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
Flange	according DIN 1092, overall length according DIN 558-1
Temperature range	0 °C to 190 °C / 32 °F to 374 °F media 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 water	Supply pressure max. bar	Mounting flange DN	Pressure range bar	Order number
A	B	C						

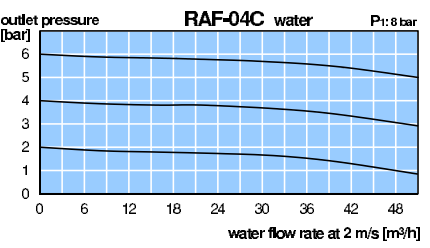
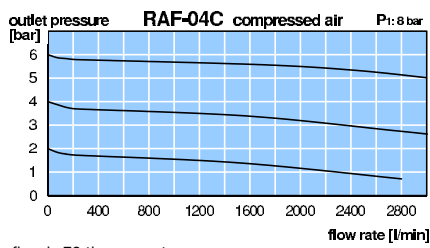
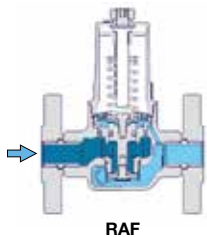
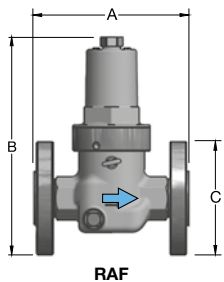
Regulator with flange								for liquids, supply pressure max. 25/40 bar non-relieving, 1.4408 / V4A / 316L, FKM	RAF
130	137	95	2.9	50	25	DN 15	0.2 ... 2	RAF-04A	
	118	118						RAF-04B	
	118	118						RAF-04C	
	118	136						RAF-04D	
	136							RAF-04F	
150	137	105	3.9	65	25	DN 20	0.2 ... 2	RAF-06A	
	118	118						RAF-06B	
	118	118						RAF-06C	
	118	137						RAF-06D	
	137							RAF-06F	
160	150	115	5.4	90	25	DN 25	0.2 ... 2	RAF-08A	
	118	118						RAF-08B	
	118	118						RAF-08C	
	118	137						RAF-08D	
	137							RAF-08F	
180	150	140	6.1	102	25	DN 32	0.2 ... 2	RAF-10A	
	118	118						RAF-10B	
	118	118						RAF-10C	
	118	137						RAF-10D	
	137							RAF-10F	
200	269	150	9.0	150	25	DN 40	0.2 ... 2	RAF-12A	
	219	219						RAF-12B	
	219	219						RAF-12C	
	219	247						RAF-12D	
	247							RAF-12F	
230	269	165	13	216	25	DN 50	0.2 ... 2	RAF-16A	
	219	219						RAF-16B	
	219	219						RAF-16C	
	219	247						RAF-16D	
	247							RAF-16F	



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}

Spezial
9



^{*1} at 2 m/s water speed
^{*2} for compressed air the flow is 70 times greater
^{*3} 02 = 0...2 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 25 = 0...25 bar

Gauges: see chapter for measuring devices

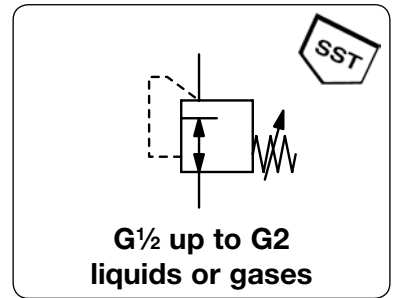
PDF CAD
www.aircom.net

Order example:
RAF-04A

PRESSURE REGULATOR MADE OF STAINLESS STEEL THROUGHOUT

RAI

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	$P_1 : P_2 = 1$ 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			Kv-	Flow rate	Supply	Nominal	Connection	Pressure-	Order
A	B	C	value	water	pressure	size	thread	range	number
mm	mm	mm	(m ³ /h)*1	l/min	max. bar	DN	G	bar	

Regulator with female thread

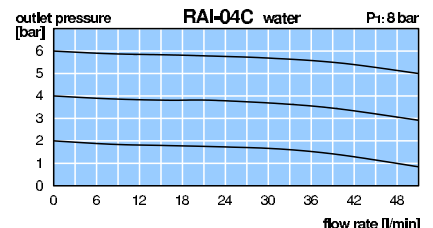
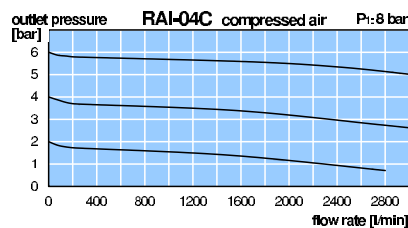
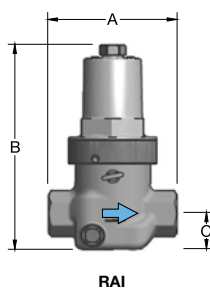
for liquids, supply pressure max. 25/40 bar non-relieving, 1.4408 / V4A / 316L, FKM

RAI

95	166	29	2,9	50	25	DN 15	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	DN 20	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	DN 25	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	DN 32	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
150	306	37	9,0	150	25	DN 40	G1 $\frac{1}{2}$	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	13,0	150	25	DN 50	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



Accessories, see opposite side



*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

PDF CAD
www.aircom.net



Order example:
RAI-04A

Special

