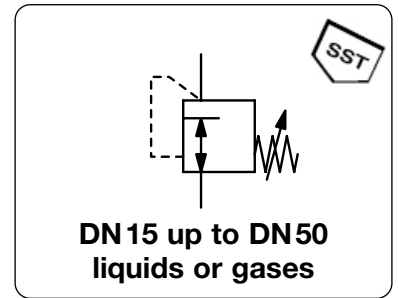
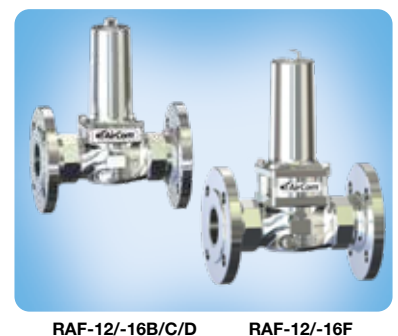


<b>Description</b>	Pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent. Inner parts are replaceable. With stainless-steel dirt-trap / strainer
<b>Medium</b>	aggressive liquids, compressed air or non-corrosive gases. Not suitable for steam!
<b>Supply pressure</b>	see chart, max. 40 bar
<b>Minimum press. difference</b>	$P_1 : P_2 = 1$ bar
<b>Adjustment</b>	with hexagon socket, with locknut
<b>Relieving function</b>	non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
<b>Mounting position</b>	any, preferably vertical
<b>Flange</b>	according DIN 1092, overall length according DIN 558-1
<b>Temperature range</b>	0 °C to 190 °C / 32 °F to 374 °F media and ambient temperature
<b>Material</b>	Body, spring cage, inner valve: stainless steel 1.4408 / V4A / 316 L Elastomer and seals: FKM / FPM



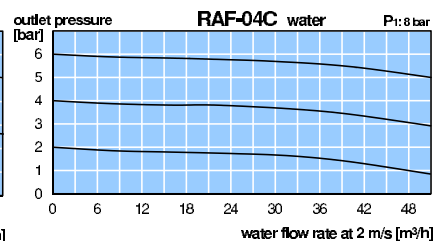
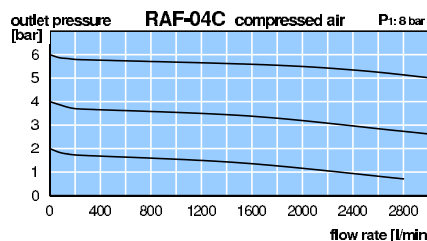
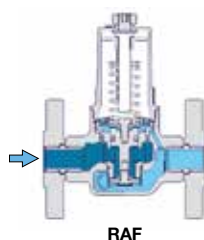
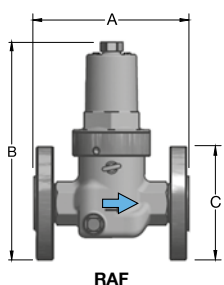
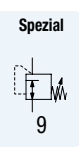
Dimensions			K <sub>v</sub> -value (m <sup>3</sup> /h)*1	Flow rate water l/min*2	Supply pressure max. bar	Mounting flange DN	Pressure range bar	Order number	C*
A	B	C							

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	DN15	0.2 ... 2	RAF-04A	
	118							RAF-04B	
	118							RAF-04C	
	118							RAF-04D	
	136							RAF-04F	
150	137	105	3.9	65	25	DN20	0.2 ... 2	RAF-06A	
	118							RAF-06B	
	118							RAF-06C	
	118							RAF-06D	
	137							RAF-06F	
160	150	115	5.4	90	25	DN25	0.2 ... 2	RAF-08A	
	118							RAF-08B	
	118							RAF-08C	
	118							RAF-08D	
	137							RAF-08F	
180	150	140	6.1	102	25	DN32	0.2 ... 2	RAF-10A	
	118							RAF-10B	
	118							RAF-10C	
	118							RAF-10D	
	137							RAF-10F	
200	269	150	9.0	150	25	DN40	0.2 ... 2	RAF-12A	
	219							RAF-12B	
	219							RAF-12C	
	219							RAF-12D	
	247							RAF-12F	
230	269	165	13	216	25	DN50	0.2 ... 2	RAF-16A	
	219							RAF-16B	
	219							RAF-16C	
	219							RAF-16D	
	247							RAF-16F	



## Accessories, enclosed

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



\*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

\* Product group

Gauges: see chapter for measuring devices

PDF CAD  
www.aircom.net

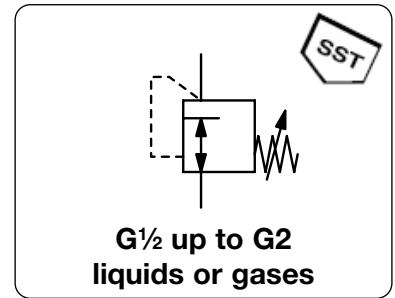


Order example:  
RAF-04A

# PRESSURE REGULATOR MADE OF STAINLESS STEEL THROUGHOUT

RAI

<b>Description</b>	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
<b>Medium</b>	aggressive liquids, compressed air or non-corrosive gases. Not suitable for steam!
<b>Supply pressure</b>	see chart, max. 40 bar
<b>Minimum press. difference</b>	$P_1 : P_2 = 1$ bar
<b>Adjustment</b>	with hexagon socket, with locknut
<b>Relieving function</b>	non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
<b>Mounting position</b>	any, preferably vertical
<b>Temperature range</b>	0 °C to 190 °C / 32 °F to 374 °F medium and ambient temperature
<b>Material</b>	Body, spring cage, inner valve: stainless steel 1.4408 / V4A / 316 L Elastomer and seals: FKM/FPM



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

## 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	<b>RAI-04A</b>
95	147	29			25			0.5 ... 4	<b>RAI-04B</b>
95	147	29			25			1.5 ... 6	<b>RAI-04C</b>
95	147	29			25			1.5 ... 10	<b>RAI-04D</b>
95	165	29			40			2.0 ... 20	<b>RAI-04F</b>
95	166	29	3,9	65	25	DN20	G $\frac{3}{4}$	0.2 ... 2	<b>RAI-06A</b>
95	147	29			25			0.5 ... 4	<b>RAI-06B</b>
95	147	29			25			1.5 ... 6	<b>RAI-06C</b>
95	147	29			25			1.5 ... 10	<b>RAI-06D</b>
95	165	29			40			2.0 ... 20	<b>RAI-06F</b>
110	189	39	5,4	90	25	DN25	G1	0.2 ... 2	<b>RAI-08A</b>
110	157	39			25			0.5 ... 4	<b>RAI-08B</b>
110	157	39			25			1.5 ... 6	<b>RAI-08C</b>
110	157	39			25			1.5 ... 10	<b>RAI-08D</b>
110	176	39			40			2.0 ... 20	<b>RAI-08F</b>
120	189	39	6,1	102	25	DN32	G1 $\frac{1}{4}$	0.2 ... 2	<b>RAI-10A</b>
120	157	39			25			0.5 ... 4	<b>RAI-10B</b>
120	157	39			25			1.5 ... 6	<b>RAI-10C</b>
120	157	39			25			1.5 ... 10	<b>RAI-10D</b>
120	176	39			40			2.0 ... 20	<b>RAI-10F</b>
150	306	37	9,0	150	25	DN40	G1 $\frac{1}{2}$	0.2 ... 2	<b>RAI-12A</b>
150	256	37			25			0.5 ... 4	<b>RAI-12B</b>
150	256	37			25			1.5 ... 6	<b>RAI-12C</b>
150	256	37			25			1.5 ... 10	<b>RAI-12D</b>
150	284	37			40			2.0 ... 20	<b>RAI-12F</b>
160	306	37	13,0	150	25	DN50	G2	0.2 ... 2	<b>RAI-16A</b>
160	256	37			25			0.5 ... 4	<b>RAI-16B</b>
160	256	37			25			1.5 ... 6	<b>RAI-16C</b>
160	256	37			25			1.5 ... 10	<b>RAI-16D</b>
160	284	37			40			2.0 ... 20	<b>RAI-16F</b>



RAI-04...-10A

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



RAI-04...-10D

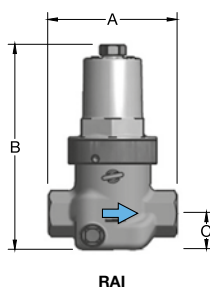
RAI-12/-16A



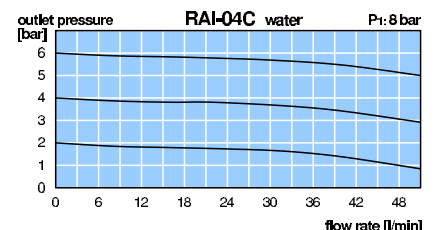
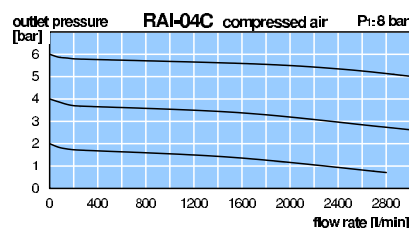
RAI-12/-16B/C/D

RAI-12/-16F

## Accessories, see opposite side



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

Special

