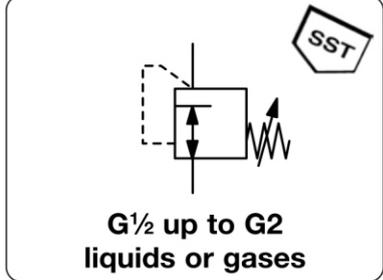


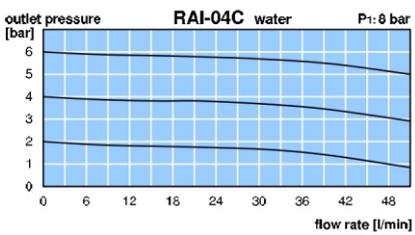
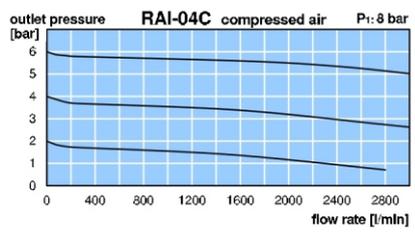
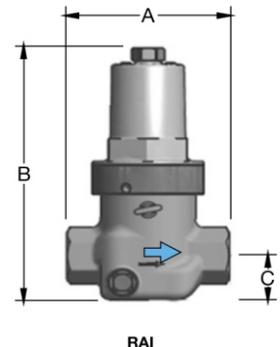
# RAI - Détendeur en acier inoxydable avec tamis de filtration, pour air, gaz et fluides agressifs

<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 <sub>1</sub> : P <sub>2</sub> = 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			K-value	Flow rate water	Supply pressure max. bar	Nominal size DN	Connection thread G	Pressure-range bar	Order number
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>

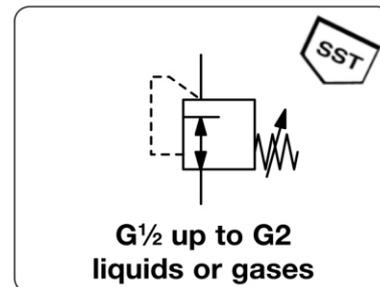


\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop      \*2 for compressed air the flow is 65 times greater



# RAI - Détendeur en acier inoxydable avec tamis de filtration, pour air, gaz et fluides agressifs

<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 <sub>1</sub> : P <sub>2</sub> = 1 bar
<b>Adjustment</b>	with hexagon socket, with locknut
<b>Relieving function</b>	non-relieving
<b>Gauge port</b>	G <sub>1/4</sub> 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			K- value	Flow rate water	Supply pressure max. bar	Nominal size DN	Connection thread G	Pressure- range bar	Order number
A	B	C							
mm	mm	mm	(m <sup>3</sup> /h)*1	l/min					

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	<b>RAI-12A</b>
150	256	37						0.5 ... 4	<b>RAI-12B</b>
150	256	37						1.5 ... 6	<b>RAI-12C</b>
150	256	37						1.5 ... 10	<b>RAI-12D</b>
150	284	37						2.0 ... 20	<b>RAI-12F</b>
160	306	37	13	216	25	DN50	G2	0.2 ... 2	<b>RAI-16A</b>
160	256	37						0.5 ... 4	<b>RAI-16B</b>
160	256	37						1.5 ... 6	<b>RAI-16C</b>
160	256	37						1.5 ... 10	<b>RAI-16D</b>
160	284	37						2.0 ... 20	<b>RAI-16F</b>



RAI-12/-16A



RAI-12/-16B/C/D



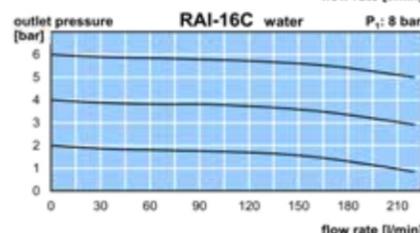
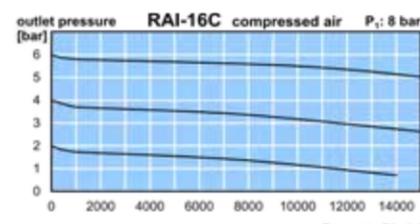
RAI-12/-16F

### Special options, add the appropriate letter

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

### Accessories, enclosed

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



\*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