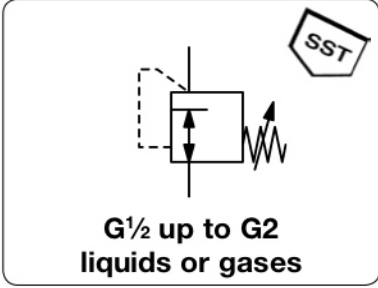


# RAI - Détendeur en acier inoxydable avec tamis de filtration, pour air, gaz et fluides agressifs

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

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 <sup>1</sup> / <sub>2</sub>	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 <sup>3</sup> / <sub>4</sub>	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 <sup>1</sup> / <sub>4</sub>	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 <sup>1</sup> / <sub>2</sub>	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



RAI-04...10A      RAI-04...10B/C/ D



RAI-04...10D      RAI-12/16A

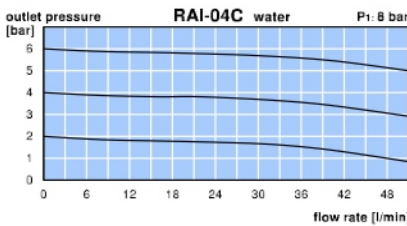
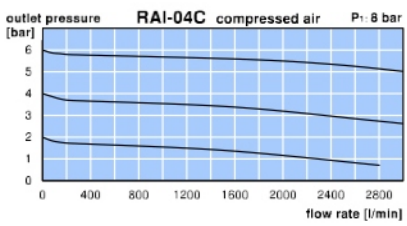
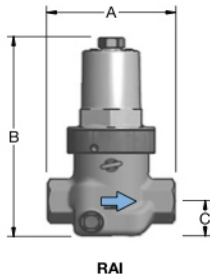


RAI-12/16B/C/D      RAI-12/16F

### Accessories, enclosed

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

<sup>\*3</sup> 02 = 0...2 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 25 = 0...25 bar



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

