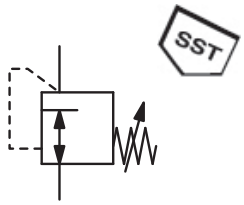
Pressure Regulator Made of Stainless Steel Throughout RAI

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	G¼ 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



G½ up to G2
liquids or gases

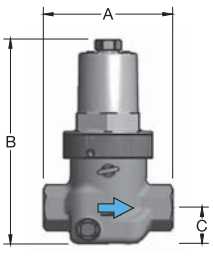
Dimensions A mm	B mm	C mm	K_V-value (m^3/h)*1	Flow rate water l/min	Supply pressure max. bar	Nominal size DN	Connection thread G	Pressure-range bar	Order number
Regulator with female thread for liquids, supply pressure max. 25/40 bar non-relieving, 1.4408 / V4A / 316L, FKM									**RAI**
95	166	29	2,9	50	25	DN 15	G½	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	G¾	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	G1¼	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	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	13,0	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

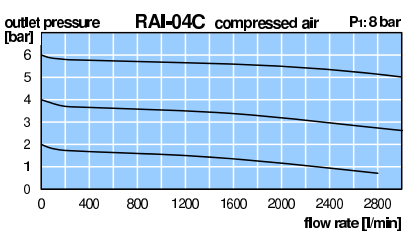
RAI-04...10D RAI-12/16A

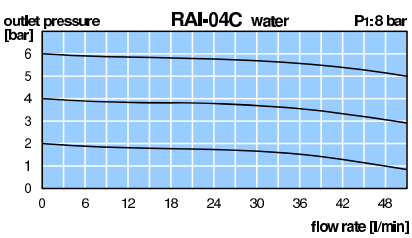
RAI-12/16B/C/D RAI-12 /16F

Accessories, 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

PDF CAD
www.aircom.net

Order example:
RAI-04A

Special 9