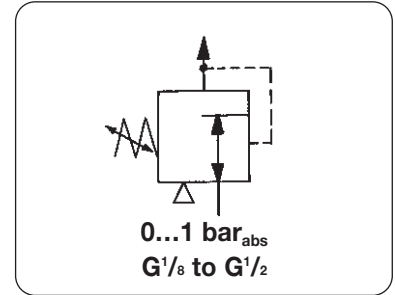


Vacuum Regulator

RV

Description	Vacuum regulator in three sizes. Selection possible according to required flow rate.		
Flow rate	RV1: 60 l/min	RV2: 100 l/min	RV3: 150 l/min
	Flow rate corresponds to supply vacuum pressure of -1.0 bar, outlet pressure of -0.8 bar and initial flow rate setting of 0 l/min (ANR).		
Gauge port	G ¹ / ₈ on both sides of body		
Knob resolution	> 1.3 mbar		
Temperature range	5 °C to 60 °C / 40 °F to 140 °F		
Materials	Body: aluminium die-casting, paint finish	Diaphragm: NBR	
	Inner valve: brass, stainless steel and NBR	Elastomer: NBR	



Dimensions	Atmospheric intake	Flow rate	Connection thread	Vacuum range	Order number
B	H	max. l/min*2	G	bar	
mm	mm				

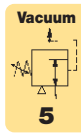
Vacuum regulator	with nut for panel mounting				RV	
35	79	0.6	60	G ¹ / ₈	-1... -0.01 bar	RV1-01
50	106	0.6	100	G ¹ / ₄	-1... -0.01 bar	RV2-02
66	130	1.1	150	G ¹ / ₄	-1... -0.01 bar	RV3-02
66	130	1.1	150	G ³ / ₈	-1... -0.01 bar	RV3-03
66	130	1.1	150	G ¹ / ₂	-1... -0.01 bar	RV3-04



RV1-01

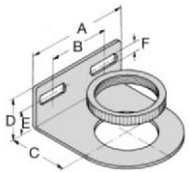


RV3-04

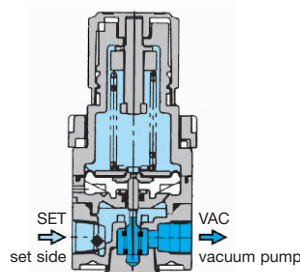
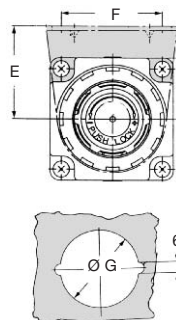
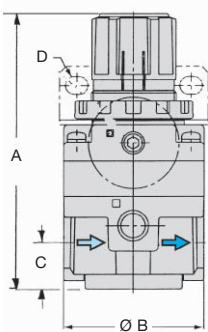


Special options add the appropriate letter

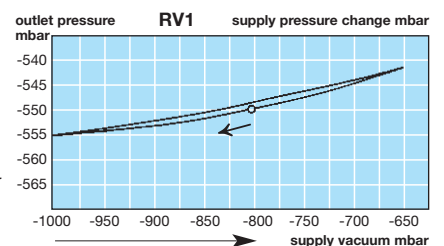
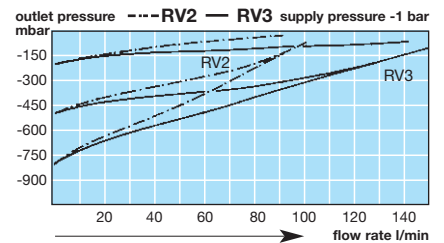
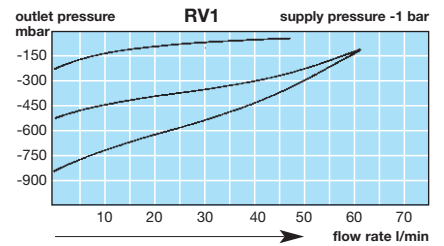
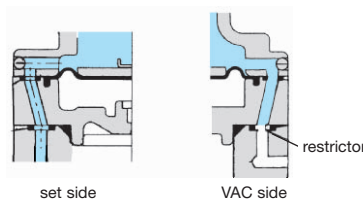
NPT ports		N	RV . - 0 . N
mounting bracket	SA-RV1, SA-RV2	X	RV . - 0 . X
mounting bracket	SA-RV3	X	RV3 - 0 . X
Viton elastomer		V	RV . - 0 . V



Bracket	A	B	C	D	E	F
SA-RV1	70	56	50	27	16	8.5
SA-RV2	53	41	41	22	12	6.5
SA-RV3	55	34	28	25	16	5.5



	A	∅B	C	D	E	F	∅G
RV1	79	35	13	15 x 5.4	30	34	28
RV2	106	50	18	8 x 6.5	41	40	38
RV3	130	66	22	10 x 8.5	50	54	42



*1 at -1 bar vacuum supply and -0.8 bar vacuum outlet *2 air supplied from atmosphere

For your information: 1 bar: 14.8 psi | 1 mbar: 10 mm H₂O | 1 mbar: 0.75 mmHg | 1 mbar: 0.40" H₂O | 1 l/min: 0.035 scfm | 1 mm: 0.039 inch
1 psi: 0.069 bar | 1 mm H₂O: 0.1 mbar | 1 mmHg: 1.33 mbar | 1" H₂O: 2.5 mbar | 1 scfm: 28.3 l/min | 1 inch: 25.4 mm

Order example:
RV2-02