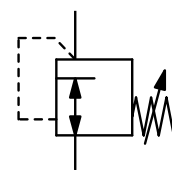


PRESSURE REGULATOR WITH FLANGE, MADE OF SPECIAL STEEL CASTING

REF

Description	Diaphragm-operated pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent.
Media	compressed air, neutral gases or liquids
Supply pressure	see chart, max. 25 bar
Adjustment	by T-handle, with locknut
Relieving function	non-relieving
Gauge port	G¼ on both sides of the body, one screw plug supplied
Mounting position	any
Temperature range	0 °C to 120 °C / 32 °F to 248 °F for FKM, for appropriately conditioned compr. air down to -30 °C / -22 °F 0 °C to 130 °C / 32 °F to 266 °F for EPDM, for appropriately conditioned compr. air down to -30 °C / -22 °F 0 °C to 150 °C / 32 °F to 302 °F for PTFE, for appropriately conditioned compr. air down to -30 °C / -22 °F
Material	Body: stainless steel 316L, mat. no. 1.4408 Diaphragm: FKM, optionally EPDM or PTFE



SST

DN 15 up to DN 50, FDA
liquids or gases

Dimensions			K _v -value	Flow rate		Supply pressure	Connection flange	Pressure range	Order number
A	B	C	(m³/h)	air	water	max. bar	DN	bar	
mm	mm	mm		l/min*1	l/min*1				

Pressure regulator with flange

for liquids, P_s: max. 8/25 bar, non-relieving, FKM, PN 40

REF

210	255	95	4.0	4200	66	8	DN 15	0.2...3.0	REF-04B
						25		2.0... 10	REF-04D
						25		6.0... 16	REF-04E
220	260	105	4.0	4200	66	8	DN 20	0.2...3.0	REF-06B
						25		2.0... 10	REF-06D
						25		6.0... 16	REF-06E
220	265	115	4.0	4200	66	8	DN 25	0.2...3.0	REF-08B
						25		2.0... 10	REF-08D
						25		6.0... 16	REF-08E
220	273	115	7.5	8000	125	8	DN 25	0.2...3.0	REF-A8B
						25		2.0... 10	REF-A8D
						25		6.0... 16	REF-A8E
280	290	150	7.5	8000	125	8	DN 40	0.2...3.0	REF-12B
						25		2.0... 10	REF-12D
						25		6.0... 16	REF-12E
320	298	165	7.5	8000	125	8	DN 50	0.2...3.0	REF-16B
						25		2.0... 10	REF-16D
						25		6.0... 16	REF-16E



REF-04D



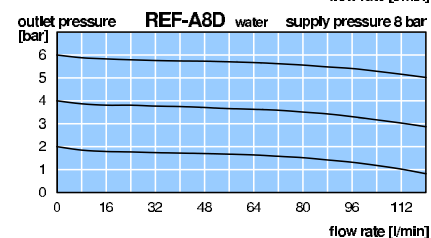
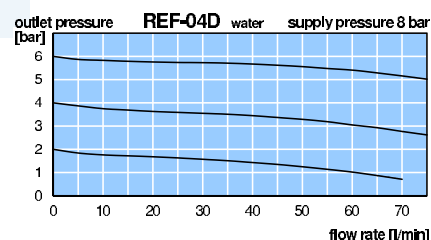
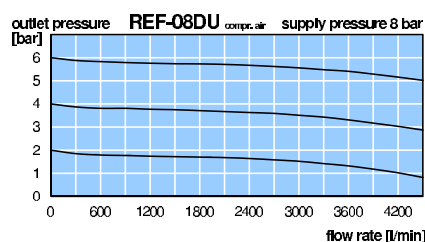
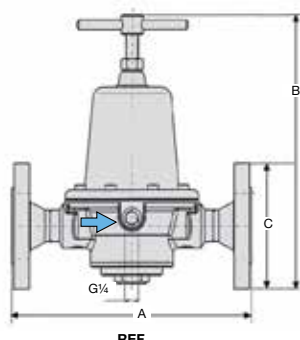
REF-08D

Special Options, add the appropriate letter

gaseous media	non-relieving, height +43 mm	RE U
EPDM diaphragm	FDA approved	RE E
PTFE diaphragm	FKM with PTFE coating and FKM o-ring	RE I
free of oil and grease	suitable for oxygen	RE L
flange connection*3	DIN 3239 / DIN 11850-2 / ISO 4200, DN 8 to DN 25, instead of connection thread	RE A
milk pipe connection		RE M

Accessories, enclosed

pressure gauge	Ø 50 mm, 0...*2 bar, G¼	for DN 8 to DN 15 (04)	MS5002-...*2
	Ø 63 mm, 0...*2 bar, G¼	for DN 15 (A4) to DN 50	MS6302-...*2



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar

*3 version has to be indicated in clear words

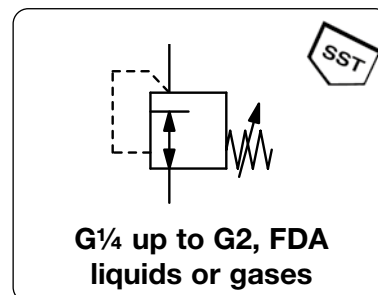
Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
REF-04B

Description	Diaphragm-operated pressure regulator made of stainless steel throughout. Even when spindle is unscrewed the indicated minimum outlet pressure is existent.
Media	compressed air, gases or liquids
Supply pressure	see chart, max. 25 bar
Adjustment	by T-handle, with locknut
Relieving function	non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Mounting position	any
Temperature range	0 °C to 120 °C / 32 °F to 248 °F for FKM, for appropriately conditioned compr. air down to -30 °C / -22 °F 0 °C to 130 °C / 32 °F to 302 °F for EPDM, for appropriately conditioned compr. air down to -30 °C / -22 °F 0 °C to 150 °C / 32 °F to 302 °F for PTFE, for appropriately conditioned compr. air down to -30 °C / -22 °F
Material	Body: stainless steel 316L, mat. no. 1.4408 Diaphragm: FKM, optionally EPDM or PTFE

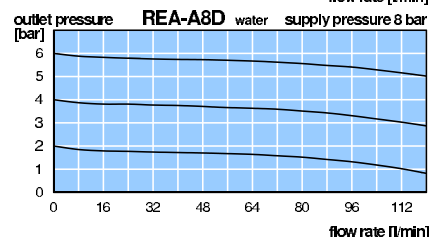
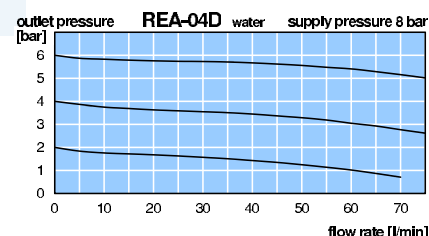
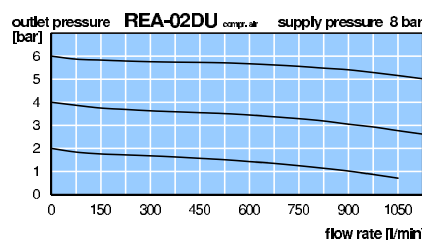
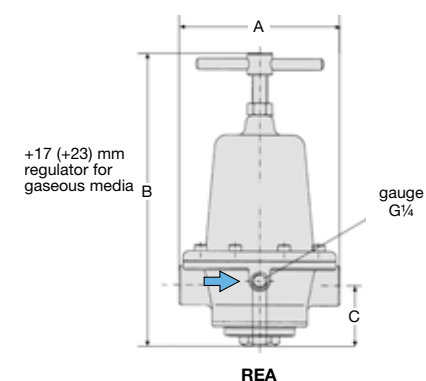


Dimensions			K _v -value	Flow rate air	Flow rate water	Supply pressure	Nom. size	Connection thread	Pressure range	Order number
A	B	C		(m ³ /h)	l/min*1	max. bar	DN	G	bar	
mm	mm	mm								

Regulator made of Special Steel Casting										for liquids, P ₁ : max. 8/25 bar, non-relieving, FKM	REA
92	190	42	1.0	1100	17	8	DN 8	G $\frac{1}{4}$	0.2...3.0		REA-02B
						25			2.0... 10		REA-02D
						25			6.0... 16		REA-02E
						8	DN 10	G $\frac{3}{8}$	0.2...3.0		REA-03B
						25			2.0... 10		REA-03D
						25			6.0... 16		REA-03E
						8	DN 15	G $\frac{1}{2}$	0.2...3.0		REA-04B
						25			2.0... 10		REA-04D
						25			6.0... 16		REA-04E
122	240	49	4.0	4200	66	8	DN 15	G $\frac{1}{2}$	0.2...3.0		REA-A4B
						25			2.0... 10		REA-A4D
						25			6.0... 16		REA-A4E
						8	DN 20	G $\frac{3}{4}$	0.2...3.0		REA-06B
						25			2.0... 10		REA-06D
						25			6.0... 16		REA-06E
						8	DN 25	G1	0.2...3.0		REA-08B
						25			2.0... 10		REA-08D
						25			6.0... 16		REA-08E
150	250	53	7.5	8000	125	8	DN 25	G1	0.2...3.0		REA-A8B
						25			2.0... 10		REA-A8D
						25			6.0... 16		REA-A8E
222	250	53	7.5	8000	125	8	DN 32	G1 $\frac{1}{4}$	0.2...3.0		REA-10B
						25			2.0... 10		REA-10D
						25			6.0... 16		REA-10E
222	250	53	7.5	8000	125	8	DN 40	G1 $\frac{1}{2}$	0.2...3.0		REA-12B
						25			2.0... 10		REA-12D
						25			6.0... 16		REA-12E
235	250	53	7.5	8000	125	8	DN 50	G2	0.2...3.0		REA-16B
						25			2.0... 10		REA-16D
						25			6.0... 16		REA-16E



Special options and Accessories, see page 15.10. REF



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop