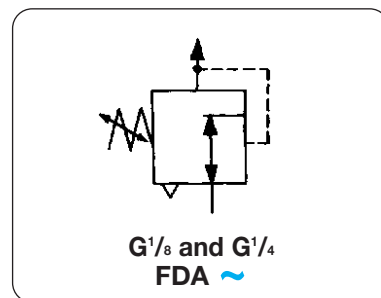




Plastic Pressure Regulator for Compressed Air and Water ~ R26 / R27 / R45

Description	Miniature pressure regulator with diaphragm, designed for compressed air and water applications. All internal wetted sections are corrosion-resistant, lead free and without any brass components. Regulator for modular application with many integrated fixing holes. Non-relieving design suitable for water. Tamper-proof cap with snap-lock.	
FDA-approved	for the materials	
Control system	R26: with piston	R27: with convoluted diaphragm
Supply pressure	R45: with diaphragm	max. 9 bar for R26
Gauge port	max. 10 bar for R27 and R45, min. 0.5 bar over outlet pressure	
Temperature range	G $\frac{1}{8}$ on sides on R45	G $\frac{1}{8}$ on R26 and R27
Materials	Body, spring cage: glass-filled acetal Knob, valve tappet: glass-filled acetal	Diaphragm: NBR, nylon reinforced Valve seat: NBR and plastic



Dimensions		K _v -value (m ³ /h)	Flow rate		Connection thread	Pressure range bar	Order number regulator for water	Order number regulator for air
B mm	H mm		water l/min*	air l/min*				

Miniature pressure regulator supply max. 9 bar piston-regulated

B	H	K _v	Flow rate water	Flow rate air	Connection	Pressure range	Order number	
							regulator for water	regulator for air
40	75	0.36	6	480	G $\frac{1}{8}$	0...1	R26-010K	R26-010
							R26-012K	R26-012A
							R26-014K	R26-014A
							R26-018K	R26-018A
40	75	0.38	6	500	G $\frac{1}{4}$	0...1	R26-020K	R26-020
							R26-022K	R26-022A
							R26-024K	R26-024A
							R26-028K	R26-028A



Pressure regulator for water precise regulation, FDA convoluted diaphragm

B	H	K _v	Flow rate water	Connection	Pressure range	Order number	
						regulator for water	regulator for air
40	75	0.24	4	G $\frac{1}{8}$	0...2	R27-01AK	R27-01A
						R27-012K	R27-012A
						R27-014K	R27-014A
40	75	0.24	4	G $\frac{1}{4}$	0...2	R27-02AK	R27-02A
						R27-022K	R27-022A
						R27-024K	R27-024A



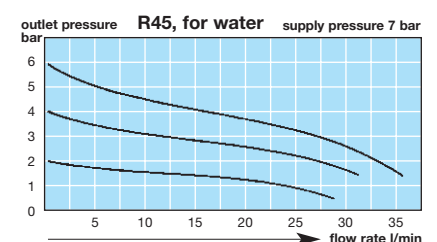
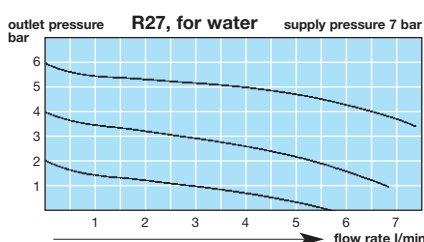
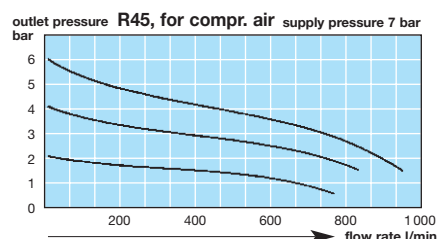
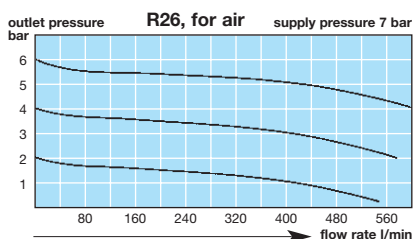
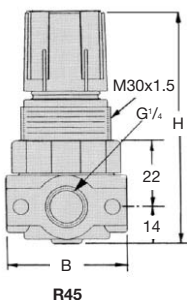
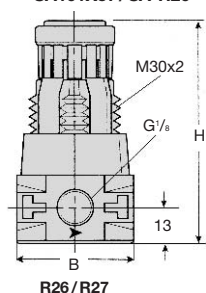
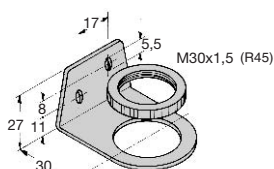
Regulator for high flow supply max. 10 bar

B	H	K _v	Flow rate water	Flow rate air	Connection	Pressure range	Order number	
							regulator for water	regulator for air
52	87	0.57	10	680	G $\frac{1}{4}$	0...1.8	R45-02AK	R45-02A
							R45-022K	R45-022A
							R45-024K	R45-024A
52	87	0.80	13	960	G $\frac{3}{8}$	0...1.8	R45-03AK	R45-03A
							R45-032K	R45-032A
							R45-034K	R45-034A



Special options add the appropriate letter

	R26 and R27	R45	G	R...0...G
round gauge	Ø 40	Ø 50		
plastic mounting nut	P78652	R05X51	P	R...0...P
aluminium mounting nut	-	R05X51A	Q	R...0...Q
mounting bracket + nut	SA-R26	SA161X57	X	R...0...X



* at 7 bar supply pressure, 6 bar outlet pressure and Δp = 1 bar

Order example:
R25-02C