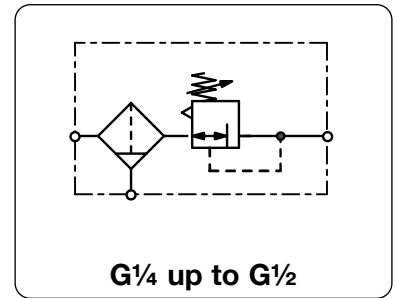


"MIDI" FILTER PRESSURE REGULATOR

B11 / B12

Description	Filter pressure regulator with high flow and of small design.		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 17 bar for metal bowl with sight glass, max. 21 bar for metal bowl without sight glass		
Adjustment	by plastic knob with snap-lock at B11, by T-handle with locknut at B12		
Relieving function	relieving	Gauge port	G $\frac{1}{4}$ on both sides of the body, screw plugs supplied
Filter element	40 μ m, optionally 5 μ m, made of polypropylene		
Bowl	metal version with sight glass, optionally without		
Drain	manual drain as standard, for max. 21 bar, semiautomatic or automatic drain as option, for max. 12 bar		
Temperature range	0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass 0 °C to 80 °C / 32 °F to 176 °F for metal bowl without sight glass 0 °C to 50 °C / 32 °F to 122 °F for semiautomatic or automatic drain for appropriately conditioned compressed air down to -30 °C / -22 °F at B12		
Material	Body: zinc die-cast	Bowl: zinc die-cast	
	Inner valve: brass, optionally stainless steel	Elastomer: NBR/Buna-N, optionally FKM	
	Spring cage: glass fibre-reinforced plastic at B11, zinc die-cast at B12		



Dimensions			Bowl	Flow	Supply	Connection	Pressure	Order
A	B	C	Design	Capacity	rate	max.	thread	range
mm	mm	mm	made of/with	l	m 3 /h*1	l/min*1	bar	bar

"Midi" filter regulator			manual drain, relieving, max. 17 bar without pressure gauge, 40 μ m filter element					B11		
60	210	120	metal / sight glass	0.12	120	2000	17	G $\frac{1}{4}$	0.2 ... 1.8	B11-02WJA
									0.2 ... 4.0	B11-02WJB
									0.3 ... 9.0	B11-02WJC
									0.5 ... 17	B11-02WJD
60	210	120	metal / sight glass	0.12	132	2200	17	G $\frac{3}{8}$	0.2 ... 1.8	B11-03WJA
									0.2 ... 4.0	B11-03WJB
									0.3 ... 9.0	B11-03WJC
									0.5 ... 17	B11-03WJD
60	210	120	metal / sight glass	0.12	138	2300	17	G $\frac{1}{2}$	0.2 ... 1.8	B11-04WJA
									0.2 ... 4.0	B11-04WJB
									0.3 ... 9.0	B11-04WJC
									0.5 ... 17	B11-04WJD

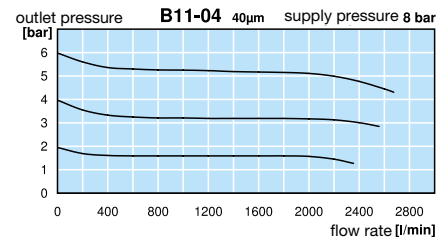
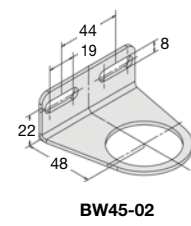
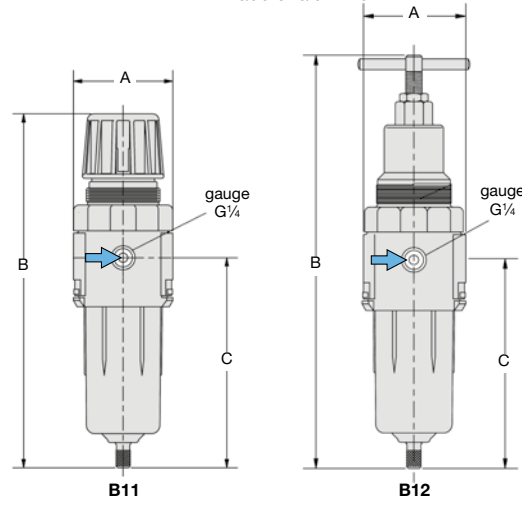


Special options, add the appropriate letter

T-handle	locknut included, height = 215 mm	B12-0
5 μm filter element		B11-0 . . . G.
bowl w/o sight glass	max. 21 bar, 0 °C to 80 °C / 32 °F to 176 °F for appropriately conditioned compressed air down to -30 °C / -22 °F	B12-0 . D . .
NPT	connection thread	B11-0 N
non-relieving	without relieving function	B11-0 K
semiautomatic drain	RK500SY, max. 12 bar	B11-0 M
automatic drain	SA605MD, max. 12 bar	B11-0 R
FKM elastomer	inner parts made of brass	B11-0 X64

Accessories, enclosed

pressure gauge	Ø 50 mm, 0 ... *2 bar, G $\frac{1}{4}$	MA5002- . . *2
mounting bracket	made of steel	BW45-02
mounting nut	made of plastic	M45x1,5K
	made of aluminium	M45x1,5A



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar, 25 = 0...25 bar

Extensions: see chapter for FRL service units
Gauges: see chapter for measuring devices
Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
B11-02WJA