

AIR FILTER / REGULATOR - VAYU™ MINIATURE



SB10 (G 1/8, G 1/4)

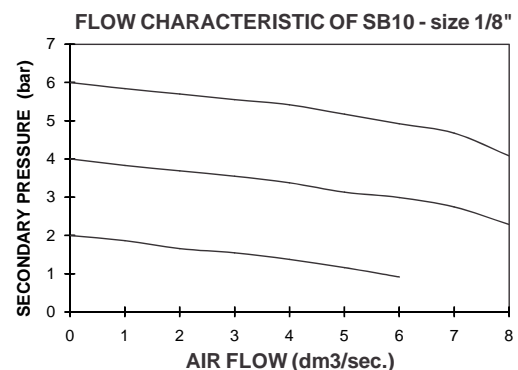
FEATURES

- I Shavo's VAYU™ Miniature Series Air Filter/Regulator combination unit saves money, saves space.
- I Aluminium Pressure Die Cast body powder - coated for longer life.
- I Wide choice of Secondary Pressures and filter element.
- I Also optional metal (non-transparent) bowl.



PARAMETERS	SPECIFICATIONS	
Pipe Threads	G 1/8, 1/4 Parallel (F)	- Standard
	BSPT _r /NPT	- Optional
Body Material	Aluminium Alloy die-cast	
Filter Element Size	5, 25, 50 micron.	
Filter Element Material	Plastic (Polypropylene)	- Standard
	Sintered Bronze	- Optional
Bowl Material	Transparent Polycarbonate	- Standard
	Metal Zinc diecast	- Optional
Maximum Inlet Pressure	with PC Bowl : 150 psig (10.5 bar)	
	with Metal Bowl : 250 psig (17.5 bar)	
Max. Operating Temp. (ambient)	with PC Bowl : 50°C	
	with Metal Bowl : 80°C	
Drain	Manual	- Standard
	Automatic	- Optional (operates only on flow change)
Regulator Type	Relieving	- Standard
	Non-Relieving	- Optional
Pressure Adjustment	Non-rising plastic knob	
Regulated secondary outlet	Spring Range	Gauge Range
Pressure (spring range) and recommended Pressure gauge ranges available in psi (bar)	1-10 psi (0.07 - 0.7 bar)	0-35 psi (0 - 2.5 bar)
	3-30 psi (0.21 - 2.10 bar)	0-35 psi (0 - 2.5 bar)
	5-50 psi (0.35 - 3.50 bar)	0-60 psi (0 - 4 bar)
	10-100 psi (0.70 - 7.0 bar)	0-150 psi (0 - 10 bar)
Std. Nominal flow + at 145 psi inlet pressure and 14.5 psi drop in set sec. Value of 87 psi	1/8" - 10.5 scfm (5 dm ³ /sec) 1/4" - 12.6 scfm (6 dm ³ /sec)	
Gauge size	40 mm OD	
Gauge Port size	Rc 1/8 BSPT _r .	
Gauge connection	Back	
Mounting Bracket	Optional	
Panel mounting	Standard - Available	

+ Values indicated are with 50 micron elements, with finer elements these values will be lower.



SB10 (G 1/8, G 1/4)

Size	Flow (scfm)	Element (um)	Drain	Bowl	Range	Operation	Model
G 1/8	10.5 scfm (5 dm ³ /sec)	50	Auto Manual	Transparent	10-100 psi	Relieving	SB10-1G-A2T-RNK-NN SB10-1G-M2T-RNK-NN
G 1/4	12.6 scfm (6 dm ³ /sec)	50	Auto Manual	Transparent	10-100 psi	Relieving	SB10-2G-A2T-RNK-NN SB10-2G-M2T-RNK-NN

Option Selector

Sample Model Number → **S B 1 0 - 2 B - M 2 T / R G K - N N**

Position → **0 1 2 3 4 5 6 7 8 9 10 11 12 13**

- 0** S = Shavo
- 1** Product B = Filter Cum Regulator Combination Unit
- 2 3** Series 10 = "VAYU" Miniature - 1/8" Basic
- 4** Size 1 = 1/8"
2 = 1/4"
- 5** Port Thread

Main Port	Gauge Port
A NPT	BSPT
B BSPT	BSPT
G BSP	BSPT
N NPT	NPT
J Japanese PT	
- 6** Drain M = Manual
A = Automatic (Operates on Flow Change)
- 7** Filter Element

1	= 05 M Porous Plastic
2	= 25 M Porous Plastic
3	= 50 M Porous Plastic
6	= 05 M Sintered Bronze
7	= 25 M Sintered Bronze
8	= 50 M Sintered Bronze
- 8** Bowl T = P.C. Bowl
M = Metal Bowl without Sight Glass
- 9** Relief R = Relieving
N = Non Relieving
- 10** Gauge N = No Gauge
G = With Pr. Gauge
- 11** Sec. Pr. Range

A	= 1 psi - 10 psi
C	= 3 psi - 30 psi
E	= 5 psi - 50 psi
K	= 10 psi - 100 psi
M	= 15 psi - 150 psi
- 12** Elastomers N = Nitrile (Std)
E = EPDM
V = Viton
- 13** Mounting & Accessories N = No Mtg Bracket
B = Wall Bracket Fitted

