

# AIR FILTER / REGULATOR - VAYU™ COMPACT

**SHAVO**  
FIRST NAME IN PNEUMATICS

## SB15 (G ¼, G ⅜)

### FEATURES

- Shavo's Vayu™ Compact range Filter/ Regulator combination unit is an efficient space saving design for general applications in compressed air systems where effective contamination filtration, liquid water removal and controlled pressure is required.



PARAMETERS	SPECIFICATIONS		
Pipe Threads	G 1/4, 3/8 Parallel	-	Standard
	BSPT. / NPT	-	Optional
Body Material	Al. Alloy die-cast		
Filter Element Size	5, 25, 50 micron		
Filter Element Material	Plastic (Polypropylene)	-	Standard
	Sintered Bronze	-	Optional
Filter Bowl Material	Transparent Polycarbonate	-	Standard
	Al. Alloy Metal	-	Optional
Maximum intel Pressure	with PC Bowl :	10.5 kg/cm <sup>2</sup> (150 psig)	
	with Metal Bowl :	17.5 kg/cm <sup>2</sup> (250 psig)	
Maximum Operating Temperature (ambient)	with PC Bowl :	50° C (125° F)	
	with Metal Bowl :	80° C (175° F)	
Standard Nominal Flow Rate at 10 bar (150 PSI) Inlet pressure 6 bar (87 PSI) set pressure and a drop of 1 bar (14.5 PSI) from set	1/4	32 scfm (15 dm <sup>3</sup> /sec) CV(0.60)	
	3/8	34 scfm (16 dm <sup>3</sup> /sec) CV(0.64)	
Drain	Manual	-	Standard
	Automatic	-	Optional
	Semi Automatic	-	Optional
Regulator Type	Relieving	-	Standard
	Non - Relieving	-	Optional
Pressure Adjustment	Non-rising plastic knob	-	Standard
Regulated secondary outlet pressure (Spring range) and recommended Pressure gauge range available psi / bar	Spring Range	Gauge Range	
	6 - 60 psi (0.40 - 4.0 bar)	0 - 60 psi (0 - 4 bar)	
	12 - 125 psi (0.87 - 8.75 bar)	0 - 150 psi (0 - 10 bar)	
	15 - 150 psi (1.0 - 10.0 bar)	0 - 220 psi (0 - 16 bar)	
Gauge size	40 mm OD		
Gauge Port size	Rc 1/8		
Gauge connection	Back		
Mounting Bracket	Optional		
Panel Mounting	Standard - Available		

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

## SB15 (G 1/4, G 3/8)

Size	Flow (dm³/s)	Element (µm)	Drain	Bowl	Range Kg/cm²	Operation	Model
G 1/4	15 dm³/sec 32 scfm	25	Auto / Manual	Transparent	0 - 8.75	Relieving	SB15K-2G-A2T/RNLN SB15K-2G-M2T/RNLN
G 3/8	16 dm³/sec 34 scfm	25	Auto / Manual	Transparent	0 - 8.75	Relieving	SB15K-3G-A2T/RNLN SB15K-3G-M2T/RNLN

Sample Model Number → **S B 1 5 K - 2 B - M 2 T / R G M 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	15 = "VAYU" - 1/4" BASIC																		
4	TYPE	K = KNOB TYPE (NITRILE ELASTOMERS) [E = KNOB TYPE (EPDM ELASTOMERS)] [V = KNOB TYPE (VITON ELASTOMERS)]																		
5	SIZE	2 = 1/4" 3 = 3/8"																		
6	PORT THREAD	<table border="1"> <thead> <tr> <th></th> <th>MAIN PORT</th> <th>GAUGE PORT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>NPT</td> <td>BSPT</td> </tr> <tr> <td>B</td> <td>BSPT</td> <td>BSPT</td> </tr> <tr> <td>G</td> <td>BSP</td> <td>BSPT</td> </tr> <tr> <td>N</td> <td>NPT</td> <td>NPT</td> </tr> <tr> <td>J</td> <td colspan="2">JAPANESE PT</td> </tr> </tbody> </table>		MAIN PORT	GAUGE PORT	A	NPT	BSPT	B	BSPT	BSPT	G	BSP	BSPT	N	NPT	NPT	J	JAPANESE PT	
	MAIN PORT	GAUGE PORT																		
A	NPT	BSPT																		
B	BSPT	BSPT																		
G	BSP	BSPT																		
N	NPT	NPT																		
J	JAPANESE PT																			
7	DRAIN	M = MANUAL A = AUTOMATIC S = SEMI A.D.																		
8	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																		
9	BOWL	T = TRANSPARENT P. C. BOWL D = METAL BOWL WITH SIGHT GLASS																		
10	RELIEF	R = RELIEVING N = NON - RELIVING																		
11	GAUGE	N = NO PR. GAUGE G = WITH PR. GAUGE																		
12	SEC.PR.RANGE	F = 6 - 60 psi L = 12 - 125 psi M = 15 - 150 psi																		
13	MOUNTING & ACCESSORIES	N = NO MTG. BRACKET B = WALL BRACKET FITTED L = WITH 'L' TYPE BRACKET																		

