AIR FILTER / REGULATOR - VAYU™ STANDARD

SHAVO
FIRST NAME IN PNEUMATICS

SB60 (G 1/4, 3/8, 1/2, 3/4,1)

FEATURES

- Shavo's Vayu™ Series Standard 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, 3/8,1/2, 3/4,1" Parallel (F) - Standard BSPTr. / NPT - Optional	
Body Material	Al. Alloy die-cast	
Filter Element Size	5, 25, 40 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 (Manual / Auto/Semi-auto drain) : 150 psig (10.5 bar) with Metal Bowl (Manual drain) : 250 psig (17.5 bar) with Metal bowl (Manual/Auto/Semi-auto drain) : 150 psig (10.5 bar)	
Maximum Operating Temperature (ambient)	with PC Bowl : 50º C with Metal Bowl : 80º C	
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	1/4 104 scfm (50 dm^3/sec) CV(1.96) 3/8 177 scfm (84 dm^3/sec) CV(3.43) 1/2 272 scfm (130 dm^3/sec) CV(7.02) 3/4,1" 383 scfm (182 dm^3/sec) CV(7.24)	
Drain	Manual - Standard Automatic - Optional Semi-Automatic - Optional	
Regulator Type	Relieving - Standard Non - Relieving - Optional	
Pressure Adjustment	Non-rising plastic knob - Standard Metal "T" Handle/Hex headed - Optional	
Regulated secondary outlet pressure (spring range) and recommended Pressure gauge range available in psi (bar)	Spring Range	Gauge Range
	3-30 psi (0.21 to 2.10 bar)	0 - 60 psi (0 to 4 bar)
	5-50 psi (0.35 to 3.5 bar)	0 - 60 psi (0 to 4 bar)
	12-125 psi (0.87 to 8.75 bar)	0 - 150 psi (0 to 10 bar)
	15-150 psi (1.0 to 10.00 bar)	0 - 250 psi (0 to 16 bar)
	25-250 psi (1.70 to 17.5 bar)	0 - 300 psi (0 to 20 bar)
Gauge size	50 mm (Dial size)	
Gauge Port size	Rc 1/8	
Gauge connection	Back	
Mounting Bracket	Optional	
Panel Mounting	Standard - Available	

Pressure Gauge (scale) : Kg/cm² (PSI) - Standard (For Domestic Market)
Bar (PSI) - Standard (Export)

+ Values indicated are with 40 micron elements, with finer elements these values will be lower.

Note : Pressure gauge will not have CE,EAC, SIL3 approvals.
Automatic and Semi-automatic drain available with Nitrile elastomers only.

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Size	Flow (scfm)	Element (um)	Drain	Bowl	Range (psi)	Operation	Model
G 1/2	272 scfm (130 dm^3/sec)	25	Auto Manual	Transparent	12 - 125	Relieving	SB60K-4G-A2P-RNLN SB60K-4G-M2P-RNLN
G 3/4	383 scfm (182 dm^3/sec)	25	Auto Manual	Transparent	12 - 125	Relieving	SB60K-6G-A2P-RNLN SB60K-6G-M2P-RNLN

Option Selector

Sample Model Number → S B 6 0 K - 4 B - M 2 P / R G M N - X X X - X X X

Position → 0 1 2 3 4 - 5 6 - 7 8 9 / 10 11 12 13 - 14 15 16 - 17 18 19

0

S = Shavo

1 Product

B = Filter Cum Regulator Combination Unit

2 3 Series

60 = "Vayu" - 1/2 Basic

4 Type

K	Knob Type (Nitrile Elastomers)
[E]	Knob Type (EPDM Elastomers)
[V]	Knob Type (Viton Elastomers)
[Z]	Knob Type (Low temp.Nitrile elastomers)
[T]	T Handle Type (Nitrile Elastomers)
[F]	T Handle Type (EPDM Elastomers)
[W]	T Handle Type (Viton Elastomers)
[L]	T Handle Type (Low temp.Nitrile elastomers)
[H]	Hex headed type (Low temp.Nitrile elastomers)
[Q]	Hex headed type (EPDM elastomers)
[U]	Hex headed type (Viton elastomer)
[V]	Hex headed type (Nitrile elastomers)

5 Size

2	1/4"
3	3/8"
4	1/2"
6	3/4"
8	1" (with adaptor)

6 Port Thread

	Main Port	Gauge Port
A	NPT	BSPT
B	BSPT	BSPT
G	BSP	BSPT
N	NPT	NPT

7 Drain

M	Manual drain
A	Automatic (available with Nitrile elastomers only)
S	Semi-auto (available with Nitrile elastomers only)

8 Filter Element

1	05 M Porous Plastic
2	25 M Porous Plastic
3	40 M Porous Plastic
6	05 M Sintered Bronze
7	25 M Sintered Bronze
8	40 M Sintered Bronze

9 Bowl

P	P. C. Bowl with Guard
D	Metal Bowl with Sight Glass
[M]	Metal bowl without sight glass

10 Relief

R	Relieving
N	Non - Reliving

11 Gauge

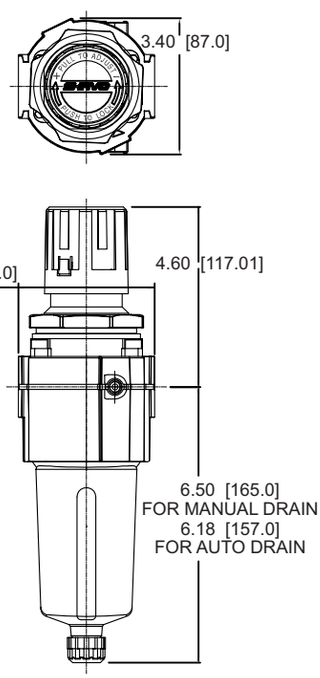
N	No Pr. Gauge
G	With Pr. Gauge(without any approvals)

12 Sec. Pr. Range

C	3 - 30 psi (0.21 - 2.1 bar)
E	5 - 50 psi (0.35 - 3.5 bar)
L	12 - 125 psi (0.87 - 8.75 bar)
M	15 - 150 psi (1.0 - 10.0 bar)
*[S]	25 - 250 psi (1.70 to 17.5 bar)

13 Mounting & Accessories

N	No MTG. Bracket
B	Wall Bracket Fitted



14 15 16 Test / Approval

C	0	0	CE
C	0	1	UKCA
C	0	2	CE,UKCA
E	0	0	EAC
E	0	1	EAC, UKCA
S	0	0	SIL3
S	0	1	SIL3, UKCA
G	0	0	CE, EAC
G	0	1	CE, EAC, UKCA
H	0	0	CE, SIL3
H	0	1	CE, SIL3, UKCA
K	0	0	CE, EAC, SIL3
K	0	1	CE, EAC, SIL3, UKCA
X	X	X	Standard Units Without Any Certificatios / Approval
[O]	[0]	[0]	Other Customer Special Requirement if Any

17 18 19 Compliance

X	X	X	Standard Unit Without any Compliance
A	0	1	RoHS 3 Compliance
A	0	2	REACH Compliance
A	0	3	Copper Free (Only Applicable Aluminium Version)
A	0	4	RoHS3, REACH Compliance
A	0	5	RoHS3, REACH, Copper Free (Only Applicable for Aluminium Version)
A	0	6	RoHS3, Copper Free (Only Applicable for Aluminium Version)
A	0	7	REACH, Copper Free (Only Applicable for Aluminium Version)

Note : Option shown in [ ] bracket are special, please contact sales HQ/manufacturing.
* [ ] option available with Hex headed pressure adjustment only.