

COMPRESSED AIR FILTER - VAYU™ STANDARD

SF60G (G 1/4, 3/8, 1/2, 3/4, 1)

SHAVO
FIRST NAME IN PNEUMATICS

FEATURES

Shavo's Vayu™ Series Standard range general purpose Filter removes upto 99% of the liquid water

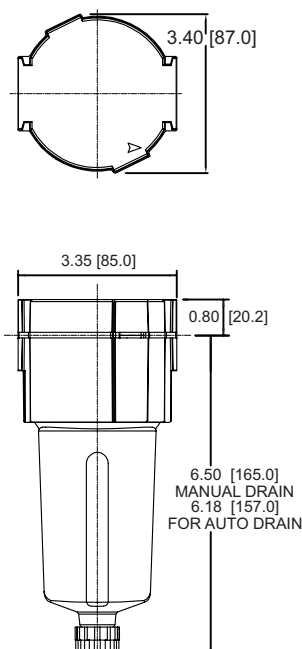
Design of the filter element gives both surface and depth filtration for cleaner air.

Choice of elements, bowls and drains to suit all applications.



PARAMETERS	SPECIFICATIONS
Pipe Threads	G 1/4, 3/8, 1/2, 3/4, 1 Parallel (F) - Standard BSPTTr. / NPT - Optional
Filter Element Size	5, 25, 40 micron
Element Material	Plastic (Polypropylene) - Standard Sintered Bronze - Optional
Body Material	Al. Alloy Die-cast
Bowl Material	Transparent Polycarbonate with bowl guard - Standard Al. Alloy Metal with sight glass - Optional
Maximum inlet Pressure	with PC Bowl(Manual /Auto/Semi-auto): 150 psig (10.5 bar) with Metal Bowl (Manual drain) : 250 psig (17.5 bar) with Metal Bowl (Auto /Semi-auto) : 150 psig (10.5 bar)
Maximum Operating Temperature (ambient)	with PC Bowl : 50° C (125° F) with Metal Bowl : 80° C (175° F)
Standard Nominal Flow Rate At 6 bar (87 PSI) supply pressure and 1 bar (14.5 PSI) Pressure drop	G 1/4 : 84 scfm (40 dm³/sec) CV(1.53) G 3/8 : 187 scfm (89 dm³/sec) CV(3.54) G 1/2 : 309 scfm (147 dm³/sec) CV(5.82) G 3/4, 1 : 470 scfm (224 dm³/sec) CV(8.87)
Drain	Manual - Standard Automatic - Optional Semi Automatic - Optional

+ Values indicated are with 40 micron elements, with finer elements these values will be lower.
Note : Automatic drain and Semi-automatic drain available with Nitrile elastomer only.



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Size	Flow (dm³/s)	Element (um)	Drain	Bowl	Model
G 1/4	84 scfm (40 dm³/sec)	25	Auto Manual	Transparent Transparent	SF60G-2G-A2PN SF60G-2G-M2PN
G 3/8	187 scfm (89 dm³/sec)	25	Auto Manual	Transparent Transparent	SF60G-3G-A2PN SF60G-3G-M2PN
G 1/2	309 scfm (147 dm³/sec)	25	Auto Manual	Transparent Transparent	SF60G-4G-A2PN SF60G-4G-M2PN
G 3/4,1	470 scfm (224 dm³/sec)	25	Auto Manual	Transparent Transparent	SF60G-6G-A2PN SF60G-6G-M2PN

Option Selector

Sample Model Number → **S F 6 0 G - 4 A - M 2 P N - X - 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**

0		S = Shavo
1	Product	F = Filter
2 3	Series	60 = "Vayu" - 1/2" Basic
4	Type	G = General Purpose
5	Size	2 = 1/4" 3 = 3/8" 4 = 1/2" 6 = 3/4" 8 = 1" (with aluminium adaptor)
6	Port Thread	A = NPT B = ISO Rc Taper (=BSPT) G = ISO 'Parallel' (=BSP)
7	Drain	M = Manual A = Automatic (only available with Nitrile elastomer) S = Semi Automatic(only available with Nitrile elastomer)
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 X = No filter element(for water seperator)
9	Bowl	P = P.C. Bowl with Guard D = Metal Bowl with Sight Glass M = Metal Bowl without sight glass
10	Mounting & Accessories	N = No Mounting Bracket B = Wall Mounting Bracket
11	Elastomer	X = Nitrile Elastomer (Std) [E] = EPDM [V] = Viton [L] = Low Temperature Nitrile

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12 13 14 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

15 16 17 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 the [] bracket are special, Please contact Sales HQ/Manufacturing.