COMPRESSED AIR FILTER - VAYU™ LARGE

SHAVO
FIRST NAME IN PNEUMATICS

SF70G (G¾, G1, G1¼, G1½)

FEATURES

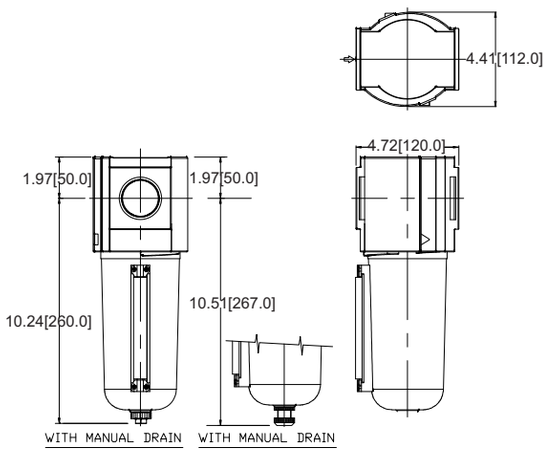
Shavo's VAYU Series Large Flow Range general purpose Filter removes upto 99% of the liquid water.

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

Ideally suited for header lines and large flow rated tools and cylinder operations.

PARAMETERS	SPECIFICATIONS
Pipe Threads	G ¾, 1, 1¼, 1½ Parallel (F) - Standard NPT/BSPT - Optional
Filter Element Size	40 micron (std) : 5,25 micron (Optional),
Element Material	Plastic (Polypropylene) - Standard Sintered Bronze - Optional
Body Material	Al. Alloy die-cast
Bowl Material	Al. Alloy Metal with sight glass - Standard
Maximum Inlet Pressure	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)	80° C (175° F)
Standard Nominal Flow Rate at 6 bar (87 psi) supply pressure and 1 bar (14.5 psi) pressure drop	3/4" : 740 scfm (349 dm³/sec) CV(13.96) 1 to 1½ : 880 scfm (415 dm³/sec) CV(16.60)
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
G1	740 scfm (349 dm³/sec)	40	Auto Manual	Metal Metal	SF70G-6G-A3DN SF70G-6G-M3DN
G 1 ½	880 scfm (415 dm³/sec)	40	Auto Manual	Metal Metal	SF70G-BG-A3DN SF70G-BG-M3DN

Option Selector

Sample Model Number → **S F 7 0 G - 8 A - M 3 D 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

70 = "VAYU" 1" Basic

4 Type

G = General Purpose

5 Size

6	=	3/4
8	=	1"
A	=	1¼"
B	=	1 ½
C	=	2" (using adaptor)

6 Port Thread

A	=	NPT
B	=	ISO RcTaper (=BSPT)
G	=	ISO Parellel (=BSP)

7 Filter Drain

M	=	Manual
A	=	Automatic
S	=	Semi Automatic

8 Filter Element

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

9 Filter Bowl

D	=	Metal Bowl with Sight Glass
[M]	=	Metal Bowl without sight glass

10 Mounting & Accessories

N	=	No Mounting Bracket
B	=	With Wall Mtg, 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.