

COMPRESSED AIR FILTER - LARGE

SF17 (G1, G1¼, G1½)

SHAVO
FIRST NAME IN PNEUMATICS

FEATURES

Shavo's Designer 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.

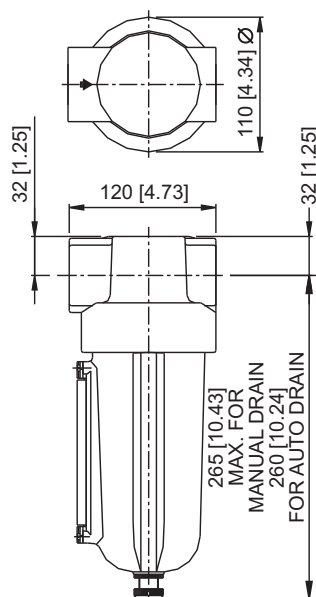
Ideally suited for header lines and large flow rated tools and cylinder operations.



| PARAMETERS | SPECIFICATIONS |
|---|--|
| Pipe Threads | G 1, 1¼, 1½ Parallel (F) - Standard |
| Filter Element Size | 5, 25, 40 micron |
| 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, Semiauto drain) : 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 14.5 PSI (1 bar) pressure drop | 880 scfm (415 dm³/sec) C.V. (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 | 880 scfm (415 dm³/sec) | 40 | Auto Manual | Metal Metal | SF17-800-A3DC SF17-800-M3DC |
| | 880 scfm (415 dm³/sec) | 40 | Auto Manual | Metal Metal | SF17-B00-A3DC SF17-B00-M3DC |

Option Selector

Sample Model Number → **S F 1 7 8 0 0 M 3 D C**

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

| 0 | | S = Shavo | | | | | | | | | | | | | | | |
|-----------------|-----------------|---|-------------------|--------|---|----|----|----------------|--|---|---|---|-----------------|--|---|---|---|
| 1 | Unit | F = Filter | | | | | | | | | | | | | | | |
| 2 | 3 | Series | 17 = Large Series | | | | | | | | | | | | | | |
| 4 | Pipe Size | 8 = 1" NB A = 1¼" NB B = 1 ½" NB | | | | | | | | | | | | | | | |
| 5 | 6 | | 00 = Standard | | | | | | | | | | | | | | |
| 7 | Drain | M = Manual Drain A = Automatic Drain (only available with Nitrile elastomers) S = Semi Auto Drain (only available with Nitrile elastomers) | | | | | | | | | | | | | | | |
| 8 | Filter Element | <table><tr><th>Size</th><th>Micron</th><th>5</th><th>25</th><th>40</th></tr><tr><td>Porous Plastic</td><td></td><td>1</td><td>-</td><td>3</td></tr><tr><td>Sintered Bronze</td><td></td><td>6</td><td>7</td><td>8</td></tr></table> | Size | Micron | 5 | 25 | 40 | Porous Plastic | | 1 | - | 3 | Sintered Bronze | | 6 | 7 | 8 |
| Size | Micron | 5 | 25 | 40 | | | | | | | | | | | | | |
| Porous Plastic | | 1 | - | 3 | | | | | | | | | | | | | |
| Sintered Bronze | | 6 | 7 | 8 | | | | | | | | | | | | | |
| 9 | Bowl | D = Metal Bowl with Sight Glass [M] = Metal Bowl without Sight Glass | | | | | | | | | | | | | | | |
| 10 | Thread | A = NPT B = BSPT C = BSP | | | | | | | | | | | | | | | |
| 11 | Elastomer | [Blank] = Standard Nitrile [E] = EPDM [V] = Viton [L] = Low Temperature Nitrile | | | | | | | | | | | | | | | |
| 12 | Test / Approval | Blank = Standard units C = CE E = EAC S = SIL3 G = CE, EAC H = CE, SIL3 J = EAC, SIL3 K = CE, EAC, SIL3 O = Other customer regmt. if any. | | | | | | | | | | | | | | | |

Options shown in [] are special, please contact sales HQ / Manufacturing.