

Product Overview | Compressed Air Filter/Separator

The 8645 Filter/Separators are used on compressed air supply lines to remove water and/or particulate matter from the lines.

The filter/separators are complete assemblies including metal bowl and automatic internal drain. Maximum working pressure is 250 psi at 175°F (8645C 140°F). They filter particles down to .0016" and automatically drain any water that collects.

The automatic float drain will not operate at pressures less than 10 psi. When sizing, always consider the internal volume of compressed air tubing plus all pneumatic cycling valve operator consumption. Consult the pneumatic valve(s) literature for cycling valve operator consumption.

CAPACITIES

Designation	size inches	scfm at 90 psig with 5 psi pressure drop
8645A-01	½	130
8645B-3	1½	310
8645C-0	¾	130
8645C-1	1	130

SPECIFICATIONS

Body: aluminum

Bowl: aluminum (polypropylene)*

Internal Parts: plastic

Drain Parts:

Housing Float: plastic

Seals: Nitrile

Springs, Pushrod: stainless steel

Seals: Nitrile

Filter Element: 40 micron: plastic (5 micron)*

Port Threads: ¾", 1, 1½"

Pressure Range: 10 to 250 psi (11.6 to 254 psi)*

Temperature Range: 32 to 175°F (14 to 140°F)*

*8645C series

DIMENSIONS inches

Designation	A	B	C	D	E	wt, lb
8645A-01	½	7	¾	3¼	3¼	1.5
8645B-0	¾	9½	1¾	3½	3½	3.5
8645B-1	1	9½	1¾	3½	3½	3.5
8645B-3	1½	9½	1¾	3½	3½	4.6

