

Product leaflet

Product

Combined filter A1BE2K1-Hg-P3 R

Model No.

SR 599

Ordering No.

H02-7312

Product Description

The Combined filter SR 599 is intended for use in the SR 500/SR 500 EX fan. The filter is of type A1BE2K1-Hg-P3 R and provides protection against the following types of gases and vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

Type K protects against ammonia and certain amines, such as ethylene diamine.

Type Hg protects against mercury vapour. **Warning.** Maximum use time 50 hours.

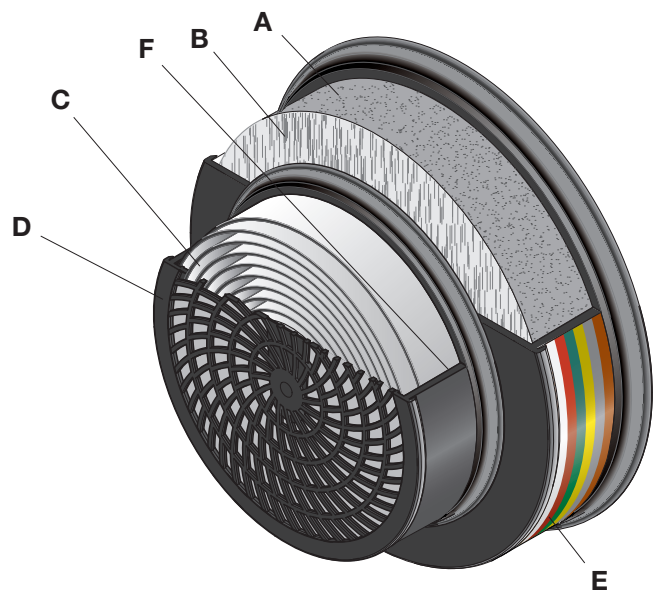
Type P3 R* protects against all types of particulate pollutants, e.g. dust, mist and smoke.

*R (Re-useable): The filter is intended to be used for more than a single shift.

Technical specification

	SR 599	EN 12941:1998	EN 12942:1998
Diameter/height	138/89 mm	–	–
Weight	≈ 420 g	–	–
Service temperature	-10 – +55 °C, < 90 % RH	–	–
Storage temperature	-20 – +40 °C, < 90 % RH	–	–
Filtration efficiency, Paraffin oil	> 99.997 %	≥ 99.98 %	≥ 99.95 %
Resistance time			
A1, Cyclohexane C ₆ H ₁₂ , 500 ppm	> 80 min	≥ 70 min	≥ 70 min
B2, Chlorine Cl ₂ , 1,000 ppm	> 30 min	≥ 20 min	≥ 20 min
B2, Hydrogen sulphide H ₂ S, 1,000 ppm	> 60 min	≥ 40 min	≥ 40 min
B2, Hydrogen cyanide HCN, 1,000 ppm	> 35 min	≥ 25 min	≥ 25 min
E2, Sulphur dioxide SO ₂ , 1,000 ppm	> 30 min	≥ 20 min	≥ 20 min
K1, Ammonia NH ₃ , 500 ppm	> 75 min	≥ 50 min	≥ 50 min
Hg, Mercury vapor Hg, 13 mg/m ³	> 104 h	≥ 100 h	≥ 100 h
Approvals	EN 12941/12942:1998		

- A. Activated carbon
- B. Filter disc
- C. Filter medium
- D. Filter case
- E. Marking label
- F. Hot-melt adhesive



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