

Product leaflet

Product	Model No.	Ordering No.
Gas filter A2	SR 518	H02-7012
Gas filter ABE1	SR 515	H02-7112
Gas filter A1BE2K1	SR 597	H02-7212

Product Description

The SR 518 A2, SR 515 ABE1 and SR 597 A1BE2K1 gas filters are intended for use in the SR 500/SR 500 EX fan. Depending on the filter type, they protect against the following gases/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.

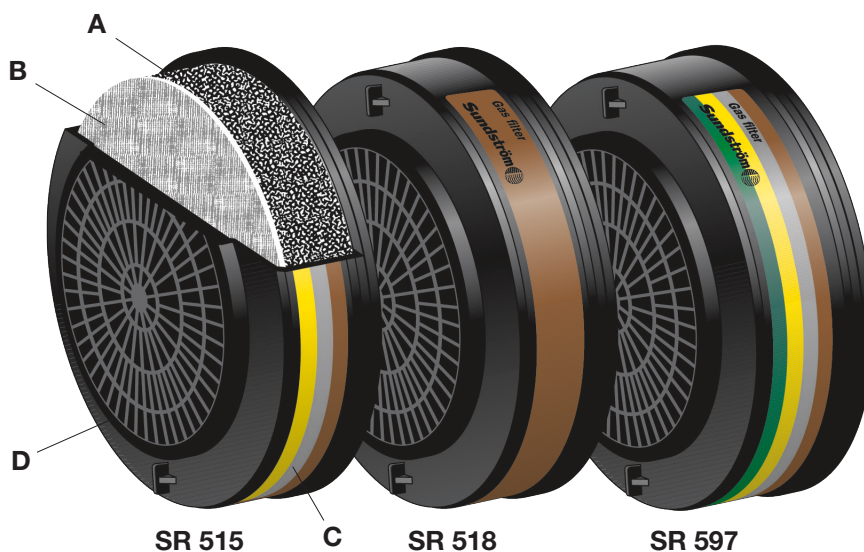
Type K protects against ammonia and certain amines, such as ethylene diamine.

The SR 500/SR 500 EX fan unit must always be used with two particle filters or two combined filters consisting of gas filters and particle filters.

Technical specification

	SR 518 A2	SR 515 ABE1	SR 597 A1BE2K1	EN 12941:1998 EN 12942:1998
Diameter/height	138/57 mm	138/57 mm	138/65 mm	–
Weight	≈ 285 g	≈ 300 g	≈ 400 g	–
Service temperature	-10 °C – +55 °C, < 90 % RH			–
Storage temperature	-20 °C – +40 °C, < 90 % RH			–
Resistance time				
A1, Cyclohexane C ₆ H ₁₂ , 500 ppm	–	> 75 min	> 80 min	≥ 70 min
A2, Cyclohexane C ₆ H ₁₂ , 1,000 ppm	> 75 min	–	–	≥ 70 min
B1, Chlorine Cl ₂ , 500 ppm	–	> 30 min	–	≥ 20 min
B1, Hydrogen sulphide H ₂ S, 500 ppm	–	> 60 min	–	≥ 40 min
B1, Hydrogen cyanide HCN, 500 ppm	–	> 40 min	–	≥ 25 min
B2, Chlorine Cl ₂ , 1,000 ppm	–	–	> 30 min	≥ 20 min
B2, Hydrogen sulphide H ₂ S, 1,000 ppm	–	–	> 60 min	≥ 40 min
B2, Hydrogen cyanide HCN, 1,000 ppm	–	–	> 35 min	≥ 25 min
E1, Sulphur dioxide SO ₂ , 500 ppm	–	> 30 min	–	≥ 20 min
E2, Sulphur dioxide SO ₂ , 1,000 ppm	–	–	> 30 min	≥ 20 min
K1, Ammonia NH ₃ , 500 ppm	–	–	> 75 min	≥ 50 min
Approvals	EN 12941/12942:1998			

- A. Activated carbon**
- B. Filter disc**
- C. Marking label**
- D. Filter case**



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