

# 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.

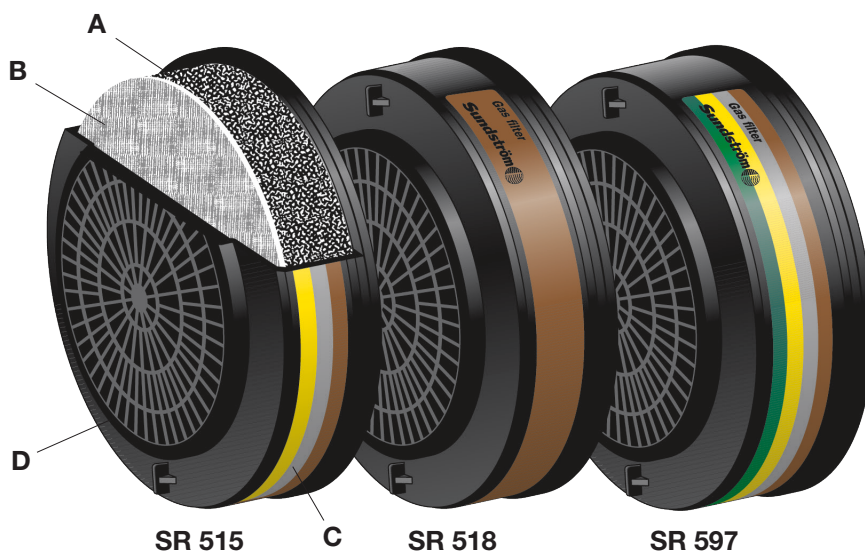
**Type K** protects against ammonia and certain amines, such as ethylene diamine.

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

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



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