

# Product leaflet

Product	Model No.	Ordering No.
Hood	SR 520 M/L	H06-0212
Hood	SR 520 S/M	H06-0312
Hood	SR 530	H06-0412

## Product Description

The hoods together with the battery-powered SR 500, SR 500 EX or SR 700 fan and approved filters are included in the Sundström fan-assisted respiratory protection device systems. The breathing hose of the hood is connected to the fan, equipped with a filter. The pressure generated in the hood prevents particles and other pollutants from entering the hood.

The hoods can also be used with the SR 507 compressed air equipment. This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply.

The equipment can be used as an alternative to filter respirators in all situations for which filter respirators are recommended.

This applies particularly to work that is hard, warm or of long duration.



The SR 520 hood is available in two sizes, and the SR 530 hood is available in one size.

### The characteristics of the hoods are as follows:

Protects the respiratory organs and the crown of the head • Impact-resistant and chemical-resistant visor • The supply air keeps the visor demisted • Adjustable head harness • Permanently mounted, flexible breathing hose • Equipped with exhalation valve • Moreover, the SR 530 also protects the head and shoulders, is equipped with adjustable neck fit and the distance between the visor and the face is adjustable.

The hoods together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere (ATEX Directive 94/9/EC).


## Technical specification

	SR 520/SR 530 + SR 500/SR 500 EX/SR 700	EN 12941:1998	SR 520 M/L, SR 530 + SR 507	EN 14594:2005
<b>Air flow rate</b>	175–225 l/min	≥ 120 l/min	175–260 l/min	-
Service temperature	-10 – +55 °C, < 90 % RH	-	-10 – +55 °C, < 90 % RH	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-20 – +40 °C, < 90 % RH	-
Low flow warning level	< 175 l/min	≤ 175 l/min	< 175 l/min	≤ 175 l/min
Weight of SR 520/530 w hose	≈ 360 g/480 g	≤ 1,500 g	≈ 360 g/480 g	≤ 1,500 g
Working pressure	-	-	5–7 bar	≤ 10 bar
Protection factor <sup>1)</sup>	40 (TH3)	-	40	-
<b>Approvals</b>	<b>Directive</b> PPE 89/686/EEC ATEX 94/9/EC  IECEX  EMC 89/336/EEC	<b>Standards</b> EN 12941:1998, EN 14594:2005 EN 60079-0:2004, EN 60079-11:2007, EN 61241-0:2006, EN 61241-11:2006, EN 13463-1:2001 IEC 60079-0:2004, IEC 60079-11:2006, IEC 61241-0:2004, IEC 61241-11:2005 EN 61000-6-2	<b>Classification/markings</b> TH3, Class 3A and 3B  II 2 G Ex ib IIB T3 <sup>2)</sup>  II 2 D Ex ibD 21 T195°C <sup>2)</sup>  Ex ib IIB T3 <sup>2)</sup> Ex ibD 21 T195°C <sup>2)</sup>	

1) Specified in BS 4275 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

2) Together with fan SR 500 EX.

### Key to ATEX marking

	Explosive area symbol.
<b>II</b>	Equipment group (explosive atmospheres other than mines).
<b>2 G</b>	Equipment category (2= high protection level, zone 1. G=gas).
<b>2 D</b>	Equipment category (2= high protection level, zone 21. D=dust).
<b>Ex</b>	Explosion protected.
<b>ib/ibD</b>	Type of ignition protection (Intrinsic safety).
<b>IIB</b>	Ethylene explosion group.
<b>21</b>	Zone with combustible dust.
<b>T3</b>	Temperature class, gas (+200 °C max. surface temperature).
<b>T195°C</b>	Temperature class, dust (+195 °C max. surface temperature).

### Key to IECEx marking

<b>Ex</b>	Explosion protected.
<b>ib/ibD</b>	Type of ignition protection (Intrinsic safety).
<b>IIB</b>	Explosion group Ethylene.
<b>21</b>	Zone with combustible dust.
<b>T3</b>	Temperature class, gas. (Maximum surface temperature +200 °C).
<b>T195°C</b>	Temperature class, dust. (Maximum surface temperature +195 °C).



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