

Product leaflet

Product	Model No.	Ordering No.
Hood	SR 601	H06-5412
Hood	SR 602	H06-5512

Product Description

The hoods together with the battery-driven SR 500, SR 500 EX or SR 700 fan and approved filters are included in Sundström fan-assisted respiratory protective devices. The breathing hose of the hood is connected to the fan which is equipped with a filter. The pressure generated in the hood prevents particles and other impurities from being admitted into 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 protections in all situations in which the latter are recommended.

This applies particularly to situations in which the work is intensive, hot or of long duration.

The hoods are characterized by the following:

- Protect the respiratory organs, head and shoulders
- Replaceable hood
- PETG visor
- Adjustable head harness
- Airflow deflector for optimal comfort
- The supply air keeps the visor demisted
- Adjustable neck seal (SR 602)
- Replaceable flexible breathing hose
- Replaceable protective films as accessories
- Available in one size.

The hoods SR 601 and SR 602 together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere.

Technical specification

	SR 601/SR 602 + SR 500/SR 500 EX/SR 700	EN 12941:1998 + A2:2008	SR 601/SR 602 + SR 507	EN 14594:2018
Material	Microchem® 2800 (SR 601) Microchem® 4000 (SR 602)	–	–	–
Working pressure	–	–	5-7 bar	≤10 bar
Air flow rate	175-240 l/min (SR 500) 175-225 l/min (SR 500 EX/SR 700)	≥ 120 l/min	175-260 l/min	175-260l/min
Service temperature	-10 to +55 °C, < 90 % RH	–	-10 – +55 °C, < 90 % RH	–
Storage temperature	-20 to +40 °C, < 90 % RH	–	-20 to +40 °C, < 90 % RH	–
Low flow warning level	< 175 l/min	≤ 175 l/min	< 175 l/min	< 175 l/min
Weight with hose, SR 601/SR 602	≈ 465 g/530 g	≤ 1 500 g	≈ 465 g/530 g	≤ 1 500 g
Assigned Protection Factor¹	40 (TH3)	–	100 (3A,3B)	–
Nominal Protection Factor²	500 (TH3)	–	200 (3A,3B)	–

Approvals	Directive	Standards	Classification/markings
	PPE Regulation (EU) 2016/425	EN 12941:1998 + A2:2008 EN 14594:2018	TH3 3A, 3B
	ATEX 2014/34/EU	EN IEC 60079-0:2018, EN 60079-11:2012,	 II 2 G Ex ib IIB T3 Gb ³⁾
	IECEx Scheme	IEC 60079-0:2017, IEC 60079-11:2011	 II 2 D Ex ib IIIC T195°C Db ³⁾ Ex ib IIB T3 Gb ³⁾ Ex ib IIIC T195°C Db ³⁾

1) Specified in BS EN 529 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

2) According to EN 529:2005.

3) SR 601, SR 602 together with fan SR 500 EX.

Key to EX marking

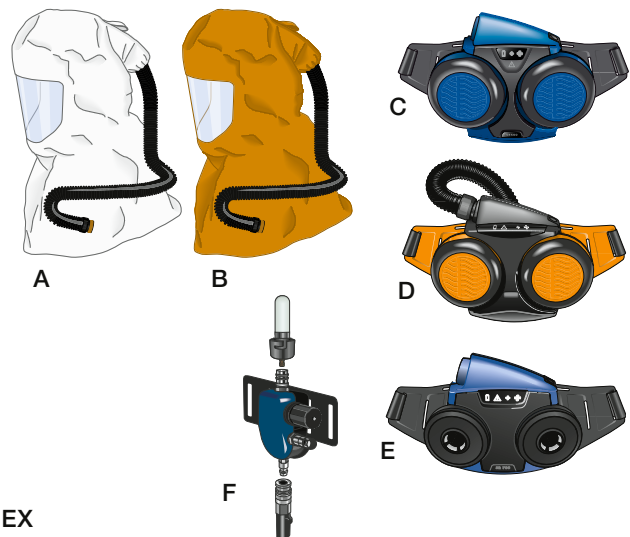
-  ATEX Explosion protection mark.
- II** ATEX Equipment group (explosive atmospheres other than mines with fire damp).
- 2 G** ATEX Equipment category (2 = High level of protection for Zone 1, G = Gas).
- 2 D** ATEX Equipment category (2 = High level of protection for Zone 21, D = Dust).
- Ex** Explosion protected.
- ib** Type of protection (Intrinsic safety).
- IIB** Gas group (Ethylene).
- IIIC** Dust material group (zone with conductive dust).
- T3** Temperature class, gas (maximum surface temperature +200°C).
- T195°C** Temperature class, dust (maximum surface temperature +195°C).
- Gb** Equipment Protection Level, gas (high protection).
- Db** Equipment Protection Level, dust (high protection).



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- A. SR 601
B. SR 602
C. SR 500
D. SR 500 EX
E. SR 700
F. SR 507



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