

Product leaflet

Product

Hood

Hood

Model No.

SR 601

SR 602

Ordering No.

H06-5412

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 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 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
Material	Microchem® 2800 (SR 601) Microchem® 4000 (SR 602)	-
Air flow rate	175-240 l/min (SR 500) 175-225 l/min (SR 500 EX/SR 700)	≥ 120 l/min
Service temperature	-10 to +55 °C, < 90 % RH	-
Storage temperature	-20 to +40 °C, < 90 % RH	-
Low flow warning level	< 175 l/min	≤ 175 l/min
Weight with hose, SR 601/SR 602	≈ 465 g/530 g	≤ 1 500 g
Assigned Protection Factor¹	40 (TH3)	-
Nominal Protection Factor²	500 (TH3)	-
Approvals	Directive PPE Regulation (EU) 2016/425 ATEX 2014/34/EU IECEx Scheme	Standards EN 12941:1998 + A2:2008 EN IEC 60079-0:2018, EN 60079-11:2012, IEC 60079-0:2017, IEC 60079-11:2011
		Classification/markings TH3 Ex II 2 G Ex ib IIB T3 Gb ³⁾ Ex 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 4275 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

2) According to EN 529:2005.

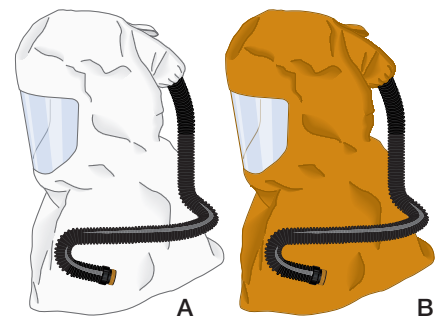
3) Together with fan SR 500 EX.

Key to ATEX marking

- Ex** Explosion protection mark.
- II** Equipment group (explosive atmospheres other than mines with fire damp).
- 2 G** Equipment category (2 = High level of protection for Zone 1, G = Gas).
- 2 D** 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).

Key to IECEx marking

- 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).



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



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