

Product leaflet

Product
Hood
Hood

Model No.
SR 603
SR 604

Ordering No.
H06-5812
H06-5912

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 and top of the head (SR 603) • Protect the respiratory organs, head and shoulders (SR 604) • Replaceable hood • PETG visor • Adjustable head harness • Airflow deflector for optimal comfort • The supply air keeps the visor demisted • Adjustable neck seal • Replaceable flexible breathing hose • Replaceable protective films as accessories • Equipped with an exhalation valve • Available in one size.

The hood together with the SR 500 EX fan is approved for use in potentially explosive atmosphere.

Technical specification

	SR 603/SR 604 + SR 500/SR 500 EX/SR 700	EN 12941:1998 + A2:2008	SR 603/SR 604 + SR 507	EN 14594:2018
Material	Microchem® 2800, Microgard® 1500 (SR 603) PU (SR 604)	–	–	–
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)	–	175-260 l/min	175-260 l/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 603/SR 604	≈ 440 g/560 g	≤ 1 500 g	≈ 440 g/560 g	≤ 1 500 g
Assigned Protection Factor¹	40 (TH3)	–	100 (3A,3B)	–
Nominal Protection Factor²	500 (TH3)	–	200 (3A,3B)	–
Approvals	Directive PPE Regulation (EU) 2016/425 ATEX 2014/34/EU IECEx Scheme	Standards EN 12941:1998 + A2:2008 EN 14594:2018 EN IEC 60079-0:2018, EN 60079-11:2012 IEC 60079-0:2017, IEC 60079-11:2011	Classification/markings TH3 3A, 3B  II 2 G Ex ib IIA T3 Gb ³  II 2 D Ex ib IIIC T195°C Db ³ Ex ib IIA 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) 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).
- IIA** Gas group (Propane).
- 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 603
B. SR 604
C. SR 500
D. SR 500 EX
E. SR 700
F. SR 507



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