

Product leaflet

Product

Hood

Hood

Model No.

SR 561

SR 562

Ordering No.

H06-5012

H06-5112

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 (SR 561).
 - Protect the respiratory organs and top of the head (SR 562).
 - Replaceable Tyvec hood.
 - PETG visor.
 - The supply air keeps the visor demisted.
 - Adjustable head harness
 - Adjustable neck opening (SR 561) and face seal (SR 562).
 - Flexible breathing hose.
 - Equipped with an exhalation valve (SR 562).
- The hoods together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere (ATEX Directive 94/9/EC and IECEx Scheme).

Technical specification

	SR 561/SR 562 + SR 500/SR 500 EX/SR 700	EN 12941:1998 + A2:2008	SR 561/SR 562 + SR 507	EN 14594:2005
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	-
Service temperature	-10 to +55 °C, < 90 % RH	-	-10 to +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 561/562	≈ 410 g/440 g	≤ 1 500 g	≈ 410 g/440 g	≤ 1 500 g
Assigned Protection Factor¹	40 (TH3)	-	40 (3A,3B)	-
Nominal Protection Factor²	500 (TH3)	-	200 (3A,3B)	-
Approvals	Directive PPE 89/686/EEC ATEX 94/9/EC IECEx Scheme	Standards EN 12941:1998 + A2:2008 EN 60079-0:2012, EN 60079-11:2007, EN 61241-11:2006, EN 13463-1:2009 IEC 60079-0:2011, IEC 60079-11:2006, IEC 61241-11:2005	Classification/markings TH3  II 2 G Ex ib IIB T3 Gb ³⁾  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.

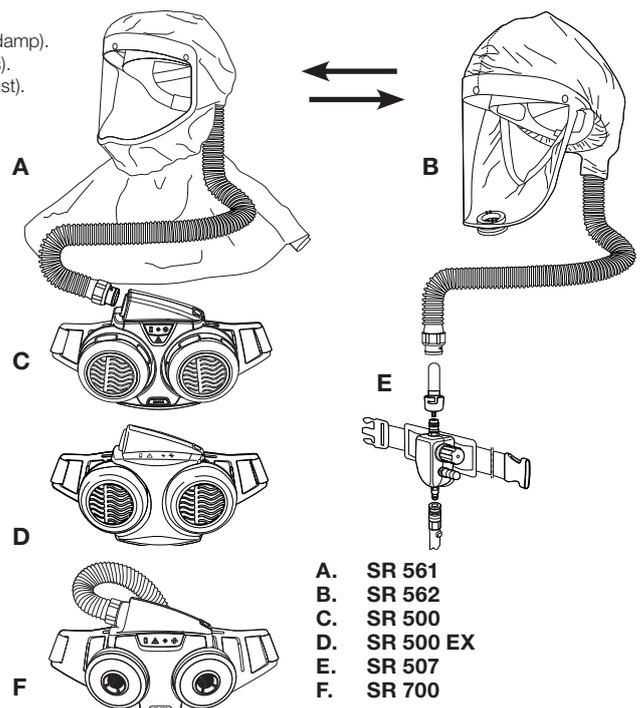
3) Together with fan SR 500 EX.

Key to ATEX marking

-  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 561
- B. SR 562
- C. SR 500
- D. SR 500 EX
- E. SR 507
- F. SR 700



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