

Product leaflet

Product	Model No.	Ordering No.
Hood	SR 561	H06-5012
Hood	SR 562	H06-5112

Product Description

The hoods together with the battery-driven SR 500 or SR 500 EX 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).

Technical specification

	SR 561/SR 562 + SR 500/SR 500 EX	EN 12941:1998	SR561/SR562 + SR 507	EN 14594:2005
Working pressure	-	-	5-7 bar	≤ 10 bar
Air flow rate	175-225 l/min	≥ 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
Protection factor ¹⁾	40 (TH3)	-	100	-
Approvals	Directive PPE 89/686/EEC ATEX 94/9/EC IECEX EMC 89/336/EEC	Standards EN 12941:1998 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	Classification/markings TH3 	Ex ib IIB T3 ²⁾ Ex ibD 21 T195°C ²⁾

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

Key to IECEx marking

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



- A. SR 561**
- B. SR 562**
- C. SR 500**
- D. SR 500 EX**
- E. SR 507**



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