

Product leaflet

Product
Hood

Model No.
SR 603

Ordering No.
H06-5812

Product Description

The hood 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 and top of the head
- Replaceable hood
- PETG visor
- Adjustable head harness
- Airflow deflector for optimal comfort
- The supply air keeps the visor demisted
- 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 500/SR 500 EX/SR 700	EN 12941:1998 + A2:2008	
Material	Microchem® 2800, Microgard® 1500 (SR 603)	–	
Air flow rate	175-240 l/min (SR 500) 175-225 l/min (SR 500 EX/SR 700)	–	
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 603	≈ 440 g	≤ 1 500 g	
Assigned Protection Factor¹	40 (TH3)	–	
Nominal Protection Factor²	500 (TH3)	–	
Approvals	Directive PPE Regulation (EU) 2016/425	Standards EN 12941:1998 + A2:2008	Classification/markings TH3
	ATEX 2014/34/EU	EN IEC 60079-0:2018, EN 60079-11:2012	 II 2 G Ex ib IIA T3 Gb ³  II 2 D Ex ib IIIC T195°C Db ³
	IECEx Scheme	IEC 60079-0:2017, IEC 60079-11:2011	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).

- A. SR 603
- B. SR 500
- C. SR 500 EX
- D. SR 700



Sundström Safety AB
Tel: +46 10 484 87 00
Västergatan 4
SE-341 50 Lagan

Sundström
www.srsafety.com