Product leaflet

Product	Model No.	Ordering No.
Hood	SR 520 M/L	H06-0212
Hood	SR 520 S/M	H06-0312
Hood	SR 530	H06-0412

Product DescriptionThe hoods together with the battery-powered SR 500, SR 500 EX or SR 700 fan and approved filters are included in the Sundström fan-assisted respiratory protection device systems. The breathing hose of the hood is connected to the fan, equipped with a filter. The pressure generated in the hood prevents particles and other pollutants from entering 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 respirators in all situations for which filter respirators are recommended.

This applies particularly to work that is hard, warm or of long duration.

The SR 520 hood is available in two sizes, and the SR 530 hood is available in one size.

The characteristics of the hoods are as follows:

Protects the respiratory organs and the crown of the head • Impact-resistant and chemical-resistant visor • The supply air keeps the visor demisted • Adjustable head harness • Permanently mounted, flexible breathing hose • Equipped with exhalation valve • Moreover, the SR 530 also protects the head and shoulders, is equipped with adjustable neck fit and the distance between the visor and the face is adjustable.

The hoods together with the SR 500 EX fan are approved for use in a potentially explosive atmosphere.

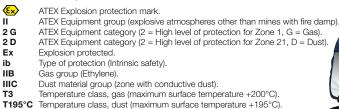
Technical specification

	SR 520/SR 530 E + SR 500/SR 500 EX/SR 700	EN 12941:1998 + A2:2008	SR 520 M/L, SR 530 + SR 507	EN 14594:2005
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	175-260 I/min
Service temperature	-10 – +55 °C, < 90 % RH	-	-10 – +55 °C, < 90 % RH	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-20 – +40 °C, < 90 % RH	-
Low flow warning level	< 175 l/min	≤ 175 l/min	< 175 l/min	≤ 175 l/min
Weight of SR 520/530 w hose	≈ 360 g/480 g	≤ 1,500 g	≈ 360 g/480 g	≤ 1,500 g
Working pressure	-	-	5-7 bar	≤ 10 bar
Assigned Protection Factor ¹	40 (TH3)	-	40 (3A,3B)	-
Nominal Protection Factor ²	500 (TH3)	-	200 (3A,3B)	-

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Approvals	Directive	Standards	Classification/marking	
	PPE Regulation (EU) 2016/425	EN 12941:1998 + A2:2008, EN 14594:2005	_TH3, Class 3A and 3B	
	ATEX 2014/34/EU	EN IEC 60079-0:2018, EN 60079-11:2012	∠€x II 2 G Ex ib IIB T3 Gb ³⁾	
			(Ex) II 2 D Ex ib IIIC T195°C Db 3)	
	IECEx Scheme	IEC 60079-0:2017, IEC 60079-11:2011	Ex ib IIB 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



Temperature class, dust (maximum surface temperature +195°C). Gb Equipment Protection Level, gas (high protection). Equipment Protection Level, dust (high protection). Db



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