

Product leaflet

Product	Model No.	Ordering No.
Powered air purifying respirator	SR 500	H06-0112

Product Description

The SR 500 is a battery-powered fan that, together with a filter and an approved head top, is included in the Sundström fan-assisted respiratory protective device systems. The SR 500 can be used as an alternative to filter respirators in all situations in which these are recommended. This applies particularly to work that is hard, warm or of long duration.

The human interface may consist of a hood, face shield, half mask or full face mask. The fan is equipped with a filter, and the filtered air is fed through a hose to the human interface. The pressure then generated prevents surrounding pollutants from penetrating into the mask.

The characteristics of the SR 500 are as follows:

The battery is of lithium-ion type • Two battery alternatives, i.e. STD (Standard 2.25 Ah) and HD (Heavy Duty 3.5 Ah) • The charging time for the Standard battery is around 2 hours and for the Heavy Duty battery, about 3 hours • Battery capacity indicator • Equipped with two filters/combined filters • Operating time of up to 11 hours • The same control is used for starting, stopping and selection of operating status • Display with symbols • Equipped with automatic air flow control with compensation for air pressure and temperature • Can be used together with hoods SR 520, SR 530, SR 561, SR 562, SR 601, SR 602, SR 604, face shield SR 570, welding shield/face shield SR 574/SR 570, half mask SR 900, full face mask SR 200, welding shield SR 592, helmet with visor SR 580 or welding shield/helmet with visor SR 584/SR 580.

Electronics ingress protection is approved in IP class IP67 according to IEC / EN 60529.

The SR 500 is also available in an explosion-protected version designated the SR 500 EX for use in a potentially explosive atmosphere. See the separate product leaflet.

Technical specification

	SR 500	EN 12941:1998 + A2:2008	EN12942:1998 + A2:2008
Air flow, min/max	175/240 l/min	≥ 120 l/min	-
STD-battery/HD-Battery	14,4 V 2,25 Ah/3,5 Ah	-	-
Operating times at 175/240 l/min:			
P3, STD-battery	7 h/4 h	≥ 4 h	≥ 4 h
P3, HD- battery	11 h/6 h	≥ 4 h	≥ 4 h
Weight with STD-battery and P3 filter	≈ 1 650 g	≤ 3,500 g	≤ 3,500 g
Service conditions	-10 °C to +55 °C, < 90 % RH, 600 to 1200 hPa	-	-
Storage conditions	-20 °C to +40 °C, < 90 % RH	-	-
Low flow warning level	< 175 l/min	≤ 175 l/min	≤ 175 l/min
Assigned Protection Factor¹: SR 520, SR 530, SR 561, SR 562, SR 570, SR 574, SR 580, SR 584, SR 592, SR 601, SR 602, SR 604	40 (TH3)	-	-
Assigned Protection Factor¹ SR 200, SR 900	40 (TM3)	-	-
Nominal Protection Factor² SR 520, SR 530, SR 561, SR 562, SR 570, SR 574, SR 580, SR 584, SR 592, SR 601, SR 602, SR 604	500 (TH3)	-	-
Nominal Protection Factor² SR 200, SR 900	2000 (TM3)	-	-
Approvals	EN 12941:1998 + A2:2008 EN 12942:1998 + A2:2008	-	-

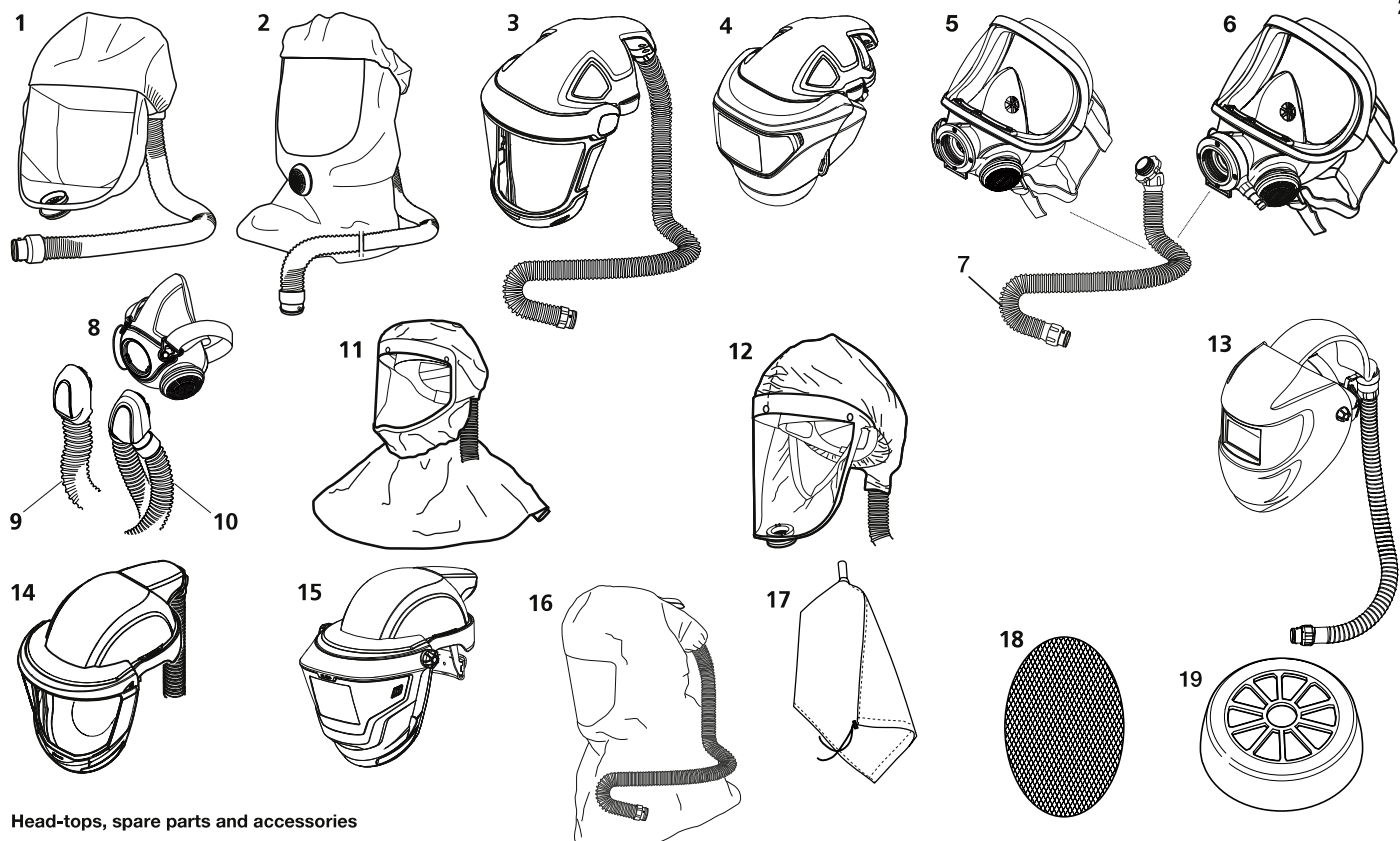
1) Specified in BS EN 529 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

2) According to EN 529:2005.



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Head-tops, spare parts and accessories

Item

No. Part

1. Hood SR 520 M/L
1. Hood SR 520 S/M
2. Hood SR 530
3. Face shield SR 570
4. Welding shield/Face shield SR 574/SR 570
5. Full face mask SR 200, PC visor
5. Full face mask SR 200, glass visor
6. Full face mask SR 200 Airline, PC visor
6. Full face mask SR 200 Airline, glass visor
7. PU hose SR 550 for SR 200
7. Rubber hose SR 551 for SR 200
8. SR 900 S
8. SR 900 M
8. SR 900 L
9. Hose SR 951
10. Twin hose SR 952
11. Hood SR 561
12. Hood SR 562
13. Welding shield SR 592
14. Helmet with visor SR 580
15. Welding shield/Helmet with visor SR 584/SR 580
16. Hood SR 601
16. Hood SR 602
16. Hood SR 604
17. Flow meter SR 356
18. Steel net disc SR 336
19. Asbestos Kit SR 509
20. Battery SR 501, 2,25 Ah
20. Battery HD SR 502, 3,5 Ah
21. Battery charger
21. Battery charger (UK ONLY)
21. Battery charger (AUS ONLY)
22. Charging station without chargers SR 506
22. Charging station, complete SR 516
23. Belt SR 508
23. Rubber belt SR 504
23. PVC belt
24. Leather belt SR 503
24. Leather belt SR 503, large
25. HD belt SR 553, standard
25. HD belt SR 553, large
26. Harness SR 552
27. Fan SR 500, bare
28. Splash cover SR 514
29. Storage bag SR 505 w two compartments
30. Pre-filter holder SR 512
31. Pre-filter SR 221
32. Particle filter P3 R, SR 510
33. Filter adapter SR 511
34. Pre-filter holder for SR 710
35. Particle filter P3 R, SR 710
36. Gas filter A2, SR 518
37. Gas filter ABE1, SR 515
38. Gas filter A1BE2K1, SR 597
39. Combined filter A1BE2K1-Hg-P3 R, SR 599
40. Gasket for fan
41. Plug kit

Ordering No.

- H06-0212
- H06-0312
- H06-0412
- H06-6512
- H06-6110
- H01-1212
- H01-1312
- H03-1012
- H03-1212
- T01-1216
- T01-1218
- H01-3012
- H01-3112
- H01-3212
- T01-3003
- R01-3009
- H06-5012
- H06-5112
- H06-4412
- H06-8012
- H06-8310
- H06-5412
- H06-5512
- H06-5912
- R03-0346
- T01-2001
- T06-0105
- R06-0108
- T06-0101
- R06-0433
- R06-0435
- R06-0436
- T06-0108
- T06-0111
- R06-0101
- T06-0104
- T06-0124
- T06-0103
- T06-0107
- T06-0119
- T06-0120
- T06-0116
- R06-0110
- T06-0114
- T06-0102
- R06-0106
- H02-0312
- H02-1312
- R06-0105
- R01-0605
- H02-1512
- H02-7012
- H02-7112
- H02-7212
- H02-7312
- R06-0107
- R06-0703

