# Product leaflet

| Product | Model No. | Ordering No. |
|---|---|---|
| Helmet with visor | SR 575 | H06-9010 |

## Product Description

The SR 575 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 helmet with visor is to be connected to the fan, equipped with filters. The pressure generated in the visor prevents particles and other pollutants from entering the breathing zone. The SR 575 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. See separate product leaflet SR 507
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 characteristics of the SR 575 helmet with visor are as follows:**
Protects the breathing zone and the head • Hinged visor unit • PC visor and visor frame protects from high speed particles 120 m/s at extremes of temperature, liquid splashes and molten metal • The supply air flow keeps the visor demisted • Airflow deflector for optimal comfort • Adjustable head harness • Replaceable breathing air hose • Equipped with an exhalation valve • Optional protective films • Available in one size. • Standardfastener for hearing protection • Optional chemical resistant TAC visor.

The helmet is approved according to EN 397, -30ºC, molten metal splash MM, Lateral deformation LD and electrical insulation 440 Vac.

The helmet with visor together with the SR 500 EX fan is approved for use in a potentially explosive atmosphere, with exclusion for protective films as accessories.

**A. SR 575**
**B. SR 500**
**C. SR 500 EX**
**D. SR 700**
**E. SR 507**




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## Technical specification

| | SR 575+SR 500/ SR 500 EX/SR 700 | EN 12941:1998 + A2:2008 | SR 575+SR 507 | EN 14594:2018 |
|---|---|---|---|---|
| **Working pressure** | – | – | 5-7 bar | ≤10 bar |
| **Air flow rate** | 175-240 l/min (SR 500)<br>175-225 l/min (SR 500 EX/SR 700) | ≥ 120 l/min | 175-260 l/min | 175-260l/min |
| **Service temperature** | -10 to +55 °C, < 90 % RH | – | -10 – +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** | ≈ 980 g | ≤ 1 500 g | ≈ 980 g | ≤ 1 500 g |
| **Assigned Protection Factor**[1] | 40 (TH3) | – | 40 (3A,3B) | – |
| **Nominal Protection Factor**[2] | 500 (TH3) | – | 200 (3A,3B) | – |

| Approvals | Directive | Standards | Classification/marking |
|---|---|---|---|
| | PPE Regulation (EU) 2016/425 | EN 12941:1998 + A2:2008<br>EN 14594:2018 | TH3<br>3A, 3B |
| | ATEX 2014/34/EU | EN 166, EN 397<br>EN IEC 60079-0:2018, EN 60079-11:2012 | Ex II 2 G Ex ib IIA T3 Gb [3]<br>Ex 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]<br>Ex ib IIIC T195°C Db [3] |

1) Specified in BS EN 529 and applies regardless of the test results.
2) According to EN 529:2005.
3) Together with fan SR 500 EX.

**Key to EX marking**

| | |
|---|---|
| Ex | 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). |

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