

Product leaflet

Product	Model No.	Ordering No.
Half mask Air Purifying Respirator (APR)	SR 900 S	H01-3021
	SR 900 M	H01-3121
	SR 900 L	H01-3221

Product Description

The SR900 half mask is an Air Purifying Respirator (APR) made of thermoplastic elastomer (TPE) and polypropylene (PP) in three sizes, i.e. S, M and L. The mask is equipped with two exhalation valves, which ensures very low exhalation resistance. The valve covers with partitions effectively protect the exhalation membrane against dust and paint mist. The material and pigment of the mask body are approved by FDA and BGA for foods, which minimizes the risk of contact allergies.

The easily adjustable elastic head harness straps of the mask are designed as a V-shaped loop and have a large dished crown plate, which contributes towards a comfortable and safe fit.

The APR mask is used in combination with:

- Filters and/or cartridges from the Sundström range.
- Remote filter holder SR 905 according to 42 CFR part 84.
- Powered Air-Purifying Respirator (PAPR) SR 500 and approved filters/cartridges included in the Sundström PAPR range according to 42 CFR part 84.

A pre-filter holder for simple checking of the performance are supplied. Best stored in box SR 230 or storage case SR 339.

Technical specification

	SR 900	42 CFR part 84
Assigned Protection Factor ¹⁾	10	-
Inhalation resistance ²⁾ at 85 l/min	≈ 15.2 MM H2O (149 Pa)	≤ 35 MM H2O (343 Pa)
Inhalation resistance ³⁾ at 85 l/min	≈ 30.5 MM H2O (299 Pa)	≤ 40 MM H2O (393 Pa)
Exhalation resistance at 85 l/min	≈ 3.0 MM H2O (29 Pa)	≤ 25 MM H2O (245 Pa)
Service temperature	14 to 131 °F (-10 to +55 °C), < 90 % RH	-
Storage temperature	4 to 104 °F (-20 to +40 °C), < 90 % RH	-
Weight	S = 4,7 oz (132 g)	-
	M = 4,8 oz (136 g)	-
	L = 4,9 oz (138 g)	-

Approval NIOSH 42 CFR part 84

1) Specified by OSHA and applies generally to all Half mask Air Purifying Respirators (APR) when the employer implements a continuing, effective respirator program as required by this section (29 CFR 1910.134).

2) With Particulate filter SR 510 P100.

3) With Chemical Cartridge SR 229.

1. Respirator body, SR 900
2. Filter attachment
3. Head harness
4. Valve seat
5. Exhalation membrane
6. Protective cap
7. Inhalation membrane
8. Gasket
9. Chemical cartridge (not included)
10. P100 Particulate filter (not included)
11. Pre-filter
12. Pre-filter holder
13. Hose SR 951
14. Twin hose SR 952
15. Remote filter holder SR 905
16. Powered Air-Purifying Respirator (PAPR) SR 500

