

Product leaflet

Product
Particulate filter P100/HE

Model No.
SR 510

Ordering No.
H02-1321

Product Description

The SR 510, P100/HE particulate filter is of the mechanical type and designed for use in Sundström half masks, full face masks Air Purifying Respirators (APR) and SR 500 Powered Air-Purifying Respirator (PAPR). The filter provides protection against all types of particulate pollutants. The particulate filter can easily be combined with chemical cartridges from the Sundström filter range in order to provide protection also against gases and vapours, e.g. during spray painting. The particulate filter should be combined with pre-filter SR 221, which will thereby extend the life of the particulate filter. The SR 500 PAPR should always be used with two particulate filters or two combined filters consisting of chemical cartridge and particulate filters.

Overview of particulate filter

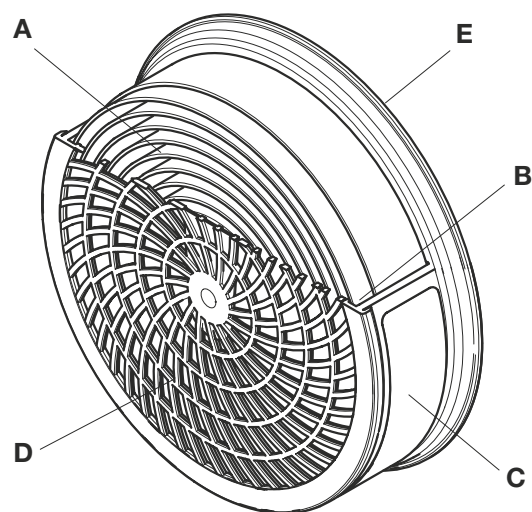
Model	Application
SR 510	SR 100, SR 200, SR 900, PAPR SR 500
SR 710	PAPR SR 500

Technical specification

	SR 510	42 CFR part 84
Pressure drop at 85 ¹⁾ l/min.	≈ 14.4 MM H ₂ O (141 Pa)	≤ 35 MM H ₂ O (343 Pa)
Diameter/height	4.2/1.2 inch (107/31 mm)	-
Weight	≈ 1.6 oz (44 g)	-
Service temperature	14 to 131 °F (-10 to +55 °C), < 90 % RH	-
Storage temperature	4 to 104 °F (-20 to +40 °C), < 90 % RH	-
Filtration efficiency, DOP	> 99.997 %	≥ 99.97 %
Approvals	NIOSH 42 CFR part 84	

1) With SR 100 half mask Air Purifying Respirator (APR)

- A. Filter medium**
- B. Hot-melt adhesive**
- C. Marking label**
- D. Filter canister**
- E. Gasket**



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