

# Product leaflet

**Product**  
Chemical cartridge  
CL/HC/SD/FM

**Model No.**  
SR 231

**Ordering No.**  
H02-3621

## Product Description

The SR 231 CL/HC/SD/FM chemical cartridge is used with Sundström half masks and full face masks Air Purifying Respirators (APR) to provide protection against the following types of gases and vapours:

**CL** protects against Chlorine.

**HC** protects against Hydrogen chloride.

**SD** protects against Sulfur dioxide.

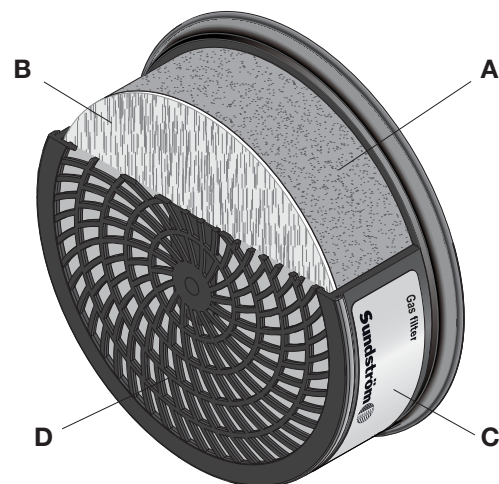
**FM** protects against Formaldehyde.

This chemical cartridge is approved for independent use or can be combined with the Sundström particulate filter SR 510, P100 in order to obtain protection against aerosols (particles), e.g during spray painting.

## Technical specification

	SR 231	42 CFR part 84
<b>Pressure drop at 85 l/min</b>	≈ 29 MM H <sub>2</sub> O (284 Pa)	≤ 40 MM H <sub>2</sub> O (393 Pa)
<b>Diameter/height</b>	4.2/1.4 inch (107/36 mm)	-
<b>Weight</b>	≈ 6 oz (170 g)	-
<b>Service temperature</b>	14 to 131 °F (-10 to +55 °C), < 90 % RH	-
<b>Storage temperature</b>	4 to 104 °F (-20 to +40 °C), < 90 % RH	-
<b>Resistance time</b>		
<b>CL</b> , Chlorine Cl <sub>2</sub> , 500 ppm	> 20 min	≥ 17,5 min
<b>HC</b> , Hydrogen Chloride HCl, 500 ppm	> 60 min	≥ 50 min
<b>FM</b> , Formaldehyde CH <sub>2</sub> O, 100 ppm	> 60 min	≥ 50 min
<b>SD</b> , Sulfur Dioxide SO <sub>2</sub> , 500 ppm	> 40 min	≥ 30 min
<b>Approval</b>	NIOSH 42 CFR part 84	

- A. Activated carbon**
- B. Filter disc**
- C. Marking label**
- D. Filter canister**



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