

▶ **PARAT® 5500**

Air purifying escape unit (fire escape hood)



Technical features

Filter performance	CO P2 combination filter against toxic fire-related gases, vapors and particles
Period of use	At least 15 minutes
Total service life	16 years (provided the filter is exchanged after eight years)
Certifications	EN 403:2004 compliant, additionally tested for use against H ₂ S (at 2,500 ppm) in accordance with the DIN 58647-7 standard

Operating principle

The **PARAT® 5500** fire escape hood was developed in cooperation with users with one goal in mind: providing the fastest possible escape. Optimized operation and wearing comfort, a robust housing and a tested CO P2 filter ensure protection from toxic fire-related gases, vapors and particles for at least 15 minutes while escaping.

▶ 16 years of service life !

Replacing the filter after 8 years, this hood provides both respiratory and eye protection.

▶ High-performance filter

CO-P2 combination filter against toxic fire-related gases, vapors and particles. The filter's expiration date is clearly marked and the filter is automatically released from the packaging when opened.

▶ Clear view

A wide field of vision (special visor shape) provides a continuously clear view thanks to a special anti-fog coating. Bright hood signal color for high visibility.

▶ 2 available versions

Unit	Description	Dimensions in mm (L*w*h)	Weight
PARAT 5520	Soft hood	215 x 155 x 105	660 g
PARAT 5530	Rigid hood	241 x 143 x 107	720 g

▶ Gas filter capacity according to the EN 403 :2004* standard

Test gas	Concentration in ppm	Minimum exposure time in min
Carbon monoxide (CO)	2,500 ¹	15
Acrolein (C₃H₄O)	100	15
Hydrogen chloride (HCl)	1,000	15
Hydrogen cyanide (HCN)	400	15

* Test conditions: 30 l/min, 70 % relative humidity, 20 °C.

¹ Additional tests are carried out at 5,000, 7,500 and 10,000 ppm.

▶ Gas filter capacity according to the DIN 58647-7* standard

Test gas	Concentration in ppm	Minimum exposure time in min
Hydrogen sulfide (H₂S)	2,500	15

* Test conditions: 30 l/min, 70 % relative humidity, 20 °C.