

▶ PARAT® 4700

Air purifying escape unit (escape hood)



Technical features

Filter performance	ABEK-15 gas filter against organic and inorganic gases and vapors
Shelf life	16 years (provided the filter is exchanged after eight years)
Certifications	DIN 58647-7, additionally tested in accordance with the EN 403:2004 standard

Operating principle

The **PARAT® 4700** industrial 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 ABEK-P3 filter ensure protection from industrial toxic gases, vapors and particles for at least 15 minutes while escaping.

▶ 16 years of service life

With 16 years of service life (replacing the filter after 8 years), this hood provides both respiratory and eye protection.

▶ High-performance filter

Combined filtration of gases, solid and liquid 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 4720	Soft hood	215 x 155 x 105	660 g
PARAT 4730	Rigid hood	241 x 143 x 107	720 g

▶ Gas filter capacity according to DIN 58647-7*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C6H12)	2,500	15
B	Chlorine dioxide (Cl2)	2,500	15
B	Hydrogen sulfide (H2S)	2,500	15
B	Hydrogen cyanide (HCN)	2,500	15
E	Sulfur dioxide (SO2)	2,500	15
K	Ammonia (NH3)	2,500	15
B	Hydrogen sulfide (H2S)	10,000 ¹	5

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

¹ The penetration safety of the gas filter is additionally tested with 10,000 ppm of hydrogen sulfide.