

# EPR-X1.1 Combined Gas Filter

## Combination A1B1E1 gas and P3 particulate filter



*EPR-X1.1 Combined Gas Filter*

### Industry

- Agricultural Equipment
- Automotive
- General Manufacturing
- Heavy Fabrication
- Industrial and General Fabrication

The EPR-X1.1 PAPR system's A1B1E1 gas filtration is designed to address the most common respiratory risks found in industrial welding applications. The filter offers broad welding-class gas filtration when working with certain materials such as stainless or treated steel.

With the integrated P3 particulate filter, installation to the EPR-X1.1 PAPR system is as simple as mounting the standard particulate filter. There is no need to "stack filters" or worry about incorrect assembly or air leakage.

The filter, when mounted to the EPR-X1.1, automatically locks-out all of the blower unit's speed settings except for the lowest, guaranteeing full life and effectiveness of the gas filter.

A safety professional can help determine the proper change intervals for the gas filter, or otherwise move to a safe location and change the filter as soon as gas is detected through smell or taste.

- Fits the ESAB EPR-X1.1 PAPR
- Automatic lockout to lowest speed setting
- Meets A1B1E1 gas filtration
- Permanent P3 particulate filter
- Certified to these ESAB Air-equipped helmets: Sentinel A60; Savage A50 LUX; Savage A40; G40; G50
- Certified to EN12941

Visit [esab.com](http://esab.com) for more information.



*EPR-X1.1 PAPR with gas filtration*







*EPR-X1.1 PAPR with gas filter mounted*

# EPR-X1.1 Combined Gas Filter

## Specifications

Air Flow	170 l/min
Certifications	CE EN12941:1998/A2:2008 TH3 A1B1E1 P R SL
Dimensions LxWxH	207 x 89 x 101 mm
Weight	550 g

## Certification and Labeling Information

ID Letter	ID Number	Colour	Protection against
A	1	 BROWN	Organic gases and vapours, solvents with a boiling point above 65°C
B	1	 GREY	Inorganic gases and vapours
E	1	 YELLOW	Sulphur dioxide and hydrogen chloride
P	N/A	 WHITE	Particles (solid or liquid) TH3 level

## EN12941 Test Criteria

Filter Type	Gas Type	Test Gas	Gas Concentration	Minimum Breakthrough Time
A1	Organic Vapours	Cyclohexane C6H12	500ppm	70 minutes
B1	Inorganic Vapours	Chlorine Cl2 Hydrogen sulphide H2S Hydrogen cyanide HCN	500ppm	20 minutes 40 minutes 25 minutes
E1	Sulphur Dioxide	Sulphur dioxide SO2	500ppm	20 minutes

## Ordering Information

EPR-X1.1 Combined Gas Filter A1B1E1 and P3	0700500914
--	------------



ESAB / esab.com



**POLSAB**  
TECHNIKA SPAWALNICZA

