

TECHNICAL DATASHEET



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Filter AerGO® A1B1E1K1 P R SL - OZONE

Combined filter with AerGO® thread



* the picture is illustrational only and may vary depending on additional equipment



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Technical specification

Product code	300368
Standards	TH3 A1B1E1K1 P R SL – OZONE according to EN 12941
Compatibility	CleanAIR® AerGO®
Weight	320 g
Dimensions	diameter 110 mm height 65 mm
Materials	filter housing: ABS filtration medium: microfiber glass media activated charcoal
Thread	TR-110 - AerGO® compatible
Storage conditions	- 10°C to + 55°C, humidity 20 – 95 % Rh
Operating conditions	+ 0°C to + 60°C, humidity 20 – 95 % Rh

Group of contaminants Protect against

A	Organic gases and vapours with a boiling point above 65 °C (e.g. toluene, benzene, styrene, kerosene, petrol, isobuthanol, ...)
B	Inorganic gases and vapours (e.g. fluorine, chlorine, hydrogen sulphide, hydrogen cyanide, hydrogen chloride, hydrogen peroxide, ...)
E	Acid gases and vapours (e.g. carbon dioxide, sulphuric acid, hydrochloric acid, formic acid, hydrogen fluoride, ...)
OZONE	Protection against OZONE in concentration less than 20 mg/m ³ (ppm) (the effectiveness tested according to Danish standard for measuring ozone, dated 26 March, 2001)
K	Ammonia and organic amines (e.g. methylamine, ethylamine, dimethylamine, ...)
P	Solid particles in the form of liquid and solid aerosols (e.g. dust, smoke, fibres, bacteria, viruses and radioactive particles, ...)

Disclaimer Notice

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Main requirements of EN 12941

Gas filter capacity with test gas (105 l/min)	Required
Cyclohexane C ₆ H ₁₂	min. 70 min
Chlorine Cl ₂	min. 20 min
Hydrogen Sulphide H ₂ S	min. 40 min
Hydrogen Cyanide HCN	min. 25 min
Sulphur Dioxide SO ₂	min. 20 min
Ammonia NH ₃	min. 50 min
Maximum permitted penetration of test aerosol (105 l/min)	Required
Sodium Chloride NaCl	max. 0,05 %
Paraffin oil	max. 0,05 %

Filter AerGO® A1B1E1K1 P R SL – OZONE meets all requirements and complies with stated norms. In addition, in most aspects the filter extensively surpasses the requirements of the standard. For more information please contact our sales department at export@malina-safety.cz.

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