

TECHNICAL DATASHEET



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Filter AerGO® A1B1E1 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	30 03 64
Standards	TH3 A1B1E1KP R SL - OZONE according to EN 12941:1998 / A2:2008
Compatibility	<u>Recommended PAPR units</u> CleanAIR® AerGO®
Weight	280 g
Dimensions	diameter 110 mm height 65 mm
Materials	filter housing: ABS filtration medium: microfiber glass media activated charcoal
Thread	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)
P	Solid particles in the form of liquid and solid aerosols (e.g. dust, smoke, fibres, bacteria, viruses and radioactive particles, ...)

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

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Main requirements of EN 12941:1998/A2:2008

Breathing resistance with clean filters	Required	Less than
30 l/min	max. 260 Pa	152 Pa
95 l/min	max. 980 Pa	571 Pa
Gas filter capacity with test gas (30 l/min)	Required	At least
Cyclohexane C ₆ H ₁₂	min. 35 min	51,5 min
Chlorine Cl ₂	min. 20 min	30 min
Hydrogen Sulphide H ₂ S	min. 40 min	60 min
Hydrogen Cyanide HCN	min. 25 min	26 min
Sulphur Dioxide SO ₂	min. 20 min	26 min
Ammonia NH ₃	min. 40 min	50 min
Mercury Hg	min. 100 hour	100 hours
Gas filter capacity with test gas (70 l/min)	Required	At least
Cyclohexane C ₆ H ₁₂	min. 70 min	80 min
Chlorine Cl ₂	min. 20 min	30 min
Hydrogen Sulphide H ₂ S	min. 40 min	60 min
Hydrogen Cyanide HCN	min. 25 min	30 min
Sulphur Dioxide SO ₂	min. 20 min	30 min
Ammonia NH ₃	min. 50 min	55 min
Mercury Hg	min. 100 hours	100 hours
Maximum permitted penetration of test aerosol (95 l/min)	Required	Less than
Sodium Chloride NaCl	max. 0,05 %	0,001 %
Paraffin oil	max. 0,05 %	0,001 %

Filter AerGO® A1B1E1 P R SL - OZONE meets all requirements and comply 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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