

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

DA-065_-300364_-A1B1E1P_R_SL_-OZONE_-EN



MALINA - Safety s.r.o.

Luční 11, 466 01 Jablonec n. Nisou, Czech Republic
Tel.: +420 483 356 600, Email: export@malina-safety.cz
Web.: www.malina-safety.cz / www.clean-air.cz

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Technical specification

| | |
|----------------------|----------------------------------------------------------------------------------------|
| Product code | 30 03 64 |
| Standards | TH3 A1B1E1KP R SL - OZONE according to EN 12941 |
| Compatibility | CleanAIR® AerGO® |
| Weight | 280 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/m³ (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

Breathing resistance with clean filters

Required

30 l/min

max. 260 Pa

95 l/min

max. 980 Pa

Gas filter capacity with test gas (30 l/min)

Required

Cyclohexane C₆H₁₂

min. 35 min

Chlorine Cl₂

min. 20 min

Hydrogen Sulphide H₂S

min. 40 min

Hydrogen Cyanide HCN

min. 25 min

Sulphur Dioxide SO₂

min. 20 min

Ammonia NH₃

min. 40 min

Mercury Hg

min. 100 hour

Gas filter capacity with test gas (70 l/min)

Required

Cyclohexane C₆H₁₂

min. 70 min

Chlorine Cl₂

min. 20 min

Hydrogen Sulphide H₂S

min. 40 min

Hydrogen Cyanide HCN

min. 25 min

Sulphur Dioxide SO₂

min. 20 min

Ammonia NH₃

min. 50 min

Mercury Hg

min. 100 hours

Maximum permitted penetration of test aerosol (95 l/min)

Required

Sodium Chloride NaCl

max. 0,05 %

Paraffin oil

max. 0,05 %

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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