TECHNICAL DATASHEET

CleanAIR®

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Filter A2B2E2K2P3, thread RD40x1/7“

Combined filter with RD40x1/7“ thread



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

Malina Safety®

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Technical specification	
Product code	500168
Standards	A2B2E2K2P3 D R according to EN 14387 TH3 A2B2E2K2P R SL according to EN 12941 TM3 A2B2E2K2P R SL according to EN 12942
Weight	385 g
Dimensions	diameter 110 mm height 95 mm
Materials	filter housing: ABS filtration medium: microfiber glass media activated charcoal
Thread	RD40x1/7" in accordance with EN 148-1
Storage conditions Operating conditions	– 10°C to + 55°C, humidity 20 - 95 % Rh + 0°C to + 60°C, humidity 20 - 95 % Rh
Shelf life	10 years (unopened, in original packaging)

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. sulphuric acid, hydrochloric acid, formic acid, hydrogen fluoride, ...)
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, ...)
OZONE	**Protection against OZONE in concentration less than 20 mg/m³ (ppm)** (the effectivenes tested according to Danish standard for measuring ozone, dated 26 March, 2001)

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Main requirements of EN 14387, EN 12941 and EN 12942	
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 C_6H_{12}	min. 35 min
Chlorine Cl_2	min. 20 min
Hydrogen Sulphide H_2S	min. 40 min
Hydrogen Cyanide HCN	min. 25 min
Sulphur Dioxide SO_2	min. 20 min
Ammonia NH_3	min. 40 min
Gas filter capacity with test gas (80 l/min)	**Required**
Cyclohexane C_6H_{12}	min. 70 min
Chlorine Cl_2	min. 20 min
Hydrogen Sulphide H_2S	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 (95 l/min)	**Required**
Sodium Chloride NaCl	max. 0,05 %
Paraffin oil	max. 0,05 %

Filter A2B2E2K2P3, thread RD40x1/7" meets all requiremets 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.

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.