



**Product code**

50 01 68

**Description**

Combinated canister filter A2B2E2K2P3, thread RD40x1/7" provides protection against a combination of contaminants in the form of gases, vapours and solid and liquid aerosols.

**Standards**

**A2B2E2K2P3 D R** according to **EN 14387:2004 + A1**  
**TH3 A2B2E2K2P R SL** according to **EN 12941:1998 / A2:2008**  
**TM3 A2B2E2K2P R SL** according to **EN 12942:1998 / A2:2008**

**Compatibility**

CleanAIR® Filter A2B2E2K2P3, thread RD40x1/7" can be connected directly to any compatible mask, alternatively used as a part of CleanAIR® PAPR system.

**Recommended CleanAIR® masks**

full face mask Shigematsu GX02  
full face mask Shigematsu CF02  
half mask CleanAIR® CA-5

**Recommended PAPR units**

CleanAIR® Chemical 2F Plus  
CleanAIR® Chemical 3F Plus  
CleanAIR® Chemical DF

Group of contaminants	Protect against
A	<b>Organic gases and vapours with a boiling point above 65 °C</b> [e.g. toluene, benzene, styrene, kerosene, petrol, isobuthanol, ...]
B	<b>Inorganic gases and vapours</b> [e.g. fluorine, chlorine, hydrogen sulphide, hydrogen cyanide, hydrogen chloride, hydrogen peroxide, ...]
E	<b>Acid gases and vapours</b> [e.g. carbon dioxide, sulphuric acid, hydrochloric acid, formic acid, hydrogen fluoride, ...]
K	<b>Ammonia and organic amines</b> [e.g. methylamine, ethylamine, dimethylamine, ...]
P	<b>Solid particles in the form of liquid and solid aerosols</b> [e.g. dust, smoke, fibres, bacteria, viruses and radioactive particles, ...]

**Weight**

400 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 - 80 % RH  
+10°C to + 40°C, humidity 20 - 80 % RH

**Main requirements of EN 14387:2004 + A1, EN 12941:1998 / A2:2008 and EN 12942:1998 / A2:2008**

**Breathing resistance with clean filters**

30 l/min	max. 260 Pa
95 l/min	max. 980 Pa

**Gas filter capacity with test gas (30 l/min - 0,5 % concentration)**

Cyclohexane C <sub>6</sub> H <sub>12</sub>	min. 35 min
Chlorine Cl <sub>2</sub>	min. 20 min
Hydrogen Sulphide H <sub>2</sub> S	min. 40 min
Hydrogen Cyanide HCN	min. 25 min
Sulphur Dioxide SO <sub>2</sub>	min. 20 min
Ammonia NH <sub>3</sub>	min. 40 min

**Gas filter capacity with test gas (70 l/min - 0,1 % concentration)**

Cyclohexane C <sub>6</sub> H <sub>12</sub>	min. 70 min
Chlorine Cl <sub>2</sub>	min. 20 min
Hydrogen Sulphide H <sub>2</sub> S	max. 40 min
Hydrogen Cyanide HCN	max. 25 min
Sulphur Dioxide SO <sub>2</sub>	max. 20 min
Ammonia NH <sub>3</sub>	min. 50 min

**Maximum permitted penetration of test aerosol at 95 l/min**

Sodium Chloride NaCl	max. 0,05 %
Paraffin oil	max. 0,05 %

Filter A2B2E2K2P3, thread RD40x1/7" 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](mailto:export@malina-safety.cz).

**Areas of application**

Filter A2B2E2K2P3, thread RD40x1/7" may find application in heavy industrial environments, chemical industry, laboratories, pharmaceutical industry, remediation operations, automotive industry, shipbuilding industry, etc.

**Limitations**



- Please, read carefully relevant instruction for use and follow your national safety regulations for PPE.
- Disposal should be undertaken in accordance with local environmental, health and safety regulations.