

CE 0159



COMBINED FILTER MOD. 725 A2B2E2K2HgP3

The CLIMAX 725 A2B2E2K2HgP3 chemical filter is designed to provide excellent protection against a range of gases and vapours from chemical agents, included mercury vapours, combining this protection with a particle filter that provides the highest possible level of protection (class 3) against aerosols of both liquid and solid particles. Its standard thread enables it to be attached to any mask with a standard thread according to EN 148/1.

Description and features

The 725 A2B2E2K2HgP3 filter is manufactured using high-resistance materials that have no harmful effects on users' health and hygiene. It is made up of two main parts that join together to make the combination filter.

Gas filter:

The bottom part filters gases and vapours from chemical compounds. The casing of this filter is made out of a plastic and is bell-shaped in order to enable better airflow. An EN 148/1 standard thread is part of the casing. The multifunctional filling made of activated carbon is inside and protects against A, B, E, K and Hg type gases.

Particle filter:

The particle filter is fitted over the gas filter. It has a tapered casing with a hole at the top for air intake and contains the filtering medium inside. This is made of a fabric with numerous folds that allows inhaled air through due to its high level of air permeability, while retaining solid and liquid particles with maximum filtering effectiveness.

EC Certification

Standards: UNE - EN 141: 2001
UNE - EN 143: 2001
Directive 59/686/CEE

Control body number: 0159
Certificate number: 21220502

Applications

The 725 A2B2E2K2HgP3 combined filter provides excellent protection against a number of gases and chemical compound vapours such as organic vapours and gases that have a boiling temperature over 65°C, certain inorganic vapours and gases (halogens, acidic gases, etc.), sulphur dioxide, ammonia and derivatives thereof, and mercury vapours. In addition, it offers the greatest possible filtering effectiveness according to the EN-143 standard classification, against both solid and liquid particles, making it perfectly suited to protecting against fine dust, mist, suspended fibres, solid aerosols and liquid aerosols.

Technical features of the filter

- Weight of the filter 414 ± 3 g
- Continuous inhaled flow resistance:

At 30 l/min:	2.35 mbar
At 95 l/min:	9.10 mbar
- Protective capacity of the filter at a 5000 ppm and 30 l/min against:

C ₆ H ₁₂	54 min
Cl ₂	58 min
H ₂ S	>120 min
HCN	48 min
SO ₂	30 min
NH ₃	100 min
Hg	>116 min
- Filtering effectiveness against a:

NaCl aerosol	0.0058 %
Paraffin mist	0.0038 %