



# FILTER

**Model: 202 A2B2P3 R**  
**P/N 123320000**

Combined filter with standard thread connector to **EN 148-1** for organic vapours having boiling point higher than 65 °C, inorganic gases and vapours, dusts, fumes and mists.

The filter can be used with masks type **TR 82**, **TR 2002 CL2** and **TR 2002 CL3**, halfmasks **ST 85** or equivalent, provided that they are fitted with EN 148-1 connector.



## TECHNICAL DATA

Inhalation resistance  
at 30 l/min: 1.8 mbar  
at 95 l/min: 6.6 mbar

### Duration at gases

Filter type	Class	Testing Gas	Testing Concentration (PPM)	Testing Flow (l/min)	Testing HR (%)	Breakthrough concentration (PPM)	Duration Required (min)	Duration Tested (min)
A	2	C <sub>6</sub> H <sub>12</sub>	5000	30	70	10	35	>40
B	2	Cl <sub>2</sub>	5000	30	70	0.5	20	>25
		H <sub>2</sub> S	5000	30	70	10	40	>50
		HCN	5000	30	70	10	25	34

### Performance particle filtration – long duration test

Filter type	Class	Testing Flow (l/min)	Testing Aerosol	Penetration Max Allowed (%)	Penetration Max Measured (%)
P R	3	95	NaCl	0.05	0.003
			Paraffin oil	0.05	0.003

Marking R means that the filter is reusable for more than one workshift.



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## Limitations for use

Do not use in areas where the oxygen concentration is lower than 17% in volume nor in presence of gases different from those clearly indicated.

## CLASSIFICATION

Filter complying with Directive **89/686/EEC (PPE)**

**Combined Filter, class 2** for gas protection and particle filter **class P3 R**, to **EN 14387:2004 + A1:2008**.

Label colour code: brown, grey, white

## MARKING



## MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

## STORAGE

Store at temperatures between -20 and +50 °C and RH <80%

## WEIGHT

250 g (8.8 oz) approximately

## DIMENSIONS/PACKING

The filter is sold in 4 piece boxes with dimensions 220 x 220 x 110 mm

## SHELF LIFE

Filters duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and its packaging.

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For more information please check the notes along with the products or the ones published on the website: [www.spasciani.com](http://www.spasciani.com)

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