Spasciani
YOUR SAFETY MAKER

ESCAPE RESPIRATORS

H900 ABEKP 15
P/N 117090000

Escape hood very easy to use that allows escaping from the polluted area in case of fire. The device is provided with filter for organic vapours with boiling point higher than 65°C, inorganic gases and vapours, acid gases, Sulphur Dioxide, Ammonia and its organic derivatives, dusts, fumes and mists. The respirator is contained in a practical bag in antistatic fabric with belt loops, ring for wall application and side rings for shoulder use and thanks to its reduced weight and size it can be carried for a complete shift so that it can be rapidly worn in case of accident.
All components of H 900 (hood, filter and bag) are made up of antistatic materials that make it suitable for use in potentially explosive atmospheres, since they do not generate electrostatic charges when rubbed. The device is therefore ATEX certified.

TECHNICAL DATA

Breathing resistance

Test flow (l/min)	Inhalation (mbar)		Exhalation (mbar)	
	Max. standard	Measured	Max. standard	Measured
95	8	4.3	5	1.3

Gas performance

Filter type	Class	Gas test	Test conc. (ppm)	Test flow rate (l/min)	Test H.R. (%)	Breakthrough conc. (ppm)	Breakthrough time (min)	
							Max Standard	Measured
A	15	C_6H_{12}	2500	30	70	10	15	38
B	15	Cl_2	2500	30	70	0.5	15	24
		H_2S	2500	30	70	10	15	32
		H_2S	10000	30	70	20	5	9
		HCN	2500	30	70	10	15	> 20
E	15	SO_2	2500	30	70	5	15	20
K	15	NH_3	2500	30	70	25	15	33

Performance particle filtration

Filter Type	Test Flow (l/min)	Test Aerosol	Penetration (%)	
			Max standard	Measured
P	95	NaCl	6	1.4
		Olio di paraffina	6	3.4

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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. The filter isn't suitable for the protection against organic vapours whose boiling point is lower than 65 °C, Carbon Monoxide (CO), Nitrogen Oxides. The respirator, for standard definition, is designed for single use only.

CLASSIFICATION
Respirator complying with the provisions of Regulation PPE 2016/425/EU.
Filtering device for self-rescue against ABEK gases and P dusts class 15 minutes, according to DIN 58647-7:1997 standard.
Non-electrical equipment as defined in Atex Directive 2014/34/EU. Below the details of ATEX marking:
II 1G Ex h IIC T6 Ga -> non-electrical appliances intended for use in the surface industry, where there is the possibility of explosive atmospheres due to the presence of gas - Zone 0
II 1D Ex h IIIC T85 ° C -> non-electrical appliances intended for use in the surface industry, where there is the possibility of explosive atmospheres due to the presence of dust - Zone 20.

MARKING

MATERIALS

Bag:	Antistatic PVC
Hood:	PVC coated cotton with PU collar and anti-fog treated PC visor
Half-mask:	Silicone
Filter housing:	Polypropylene
Filter media:	Activated carbon and filter paper

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

WEIGHT
Respirator: 480 g approximately – Respirator and container: 670 g approximately.

DIMENSIONS/PACKING
The respirator, in its container, is sold singularly in a plastic bag which also includes the information notice. Dimensions of the respirator in its container: 130 x 120 x 300 mm.

SHELF LIFE
Respirators duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and on the respirator container. Upon expiration it is possible to extend the shelf life of the product for another 5 years, upon check by SPASCIANI or authorised dealer.

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