

## CleanAIR® D-Bug

Powered air purifying respirator



### Description

Battery-powered air purifying respirator (PAPR), breathing protective device for increasing comfort and safety when combined with approved headtops.

### Application

CleanAIR® D-Bug provides efficient protection against particles in the form of solid and liquid aerosols, organic, inorganic and acid gases, and vapors.

# TECHNICAL DATASHEET

## **CleanAIR® D-Bug**

Powered air purifying respirator



### *Technical specification*

Product code	49 00 00
Flow rate	Airflow: 100 lpm (A1B1E1 P R SL filter) 200 lpm (P R SL filter)
Battery	Standard battery
Voltage	7,2V
Capacity	2,2 Ah
Charging time	< 3 hours
Operation time*	ca 4:30 hours (with P R SL filter) ca 6:15 hours (with A1B1E1 P R SL filter)
Battery lifespan	up to 500 charging cycles
Battery charger	Microprocessor controlled, fully automatic Input: 100 - 240 V (50/60 Hz) Output: 7,4 V (max. 1 300 mA) Plug: Euro
Weight	335 g (incl. battery, excl. filter)
Dimensions	110 mm / 95 mm / 85 mm
Noisiness	< 70 dB
Materials	Unit: ABS Belt: SBR - synthetic rubber
Motor	Brushed DC motor - sliding bearings
Input / Output (threads)	Filter thread - CleanAIR® TR-110 - 1x Airflow output thread - CA40x1/7" - 1x
Belt	Belt for CA D-Bug
Waist size:	up to 1 500 mm
Standard	EN 12942
Protection class / NPF***	TM3 / 2000
Ingress protection	IP65 (can be decontaminated by a shower)
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % RH
Operating conditions	+ 0°C to + 60°C, humidity 20 - 95 % RH

### *Features*

**Warning system** - audible warning for low airflow and low battery charge.

**Flow control system** - maintains constant level of airflow regardless of filter clogging or battery charge.

### *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.