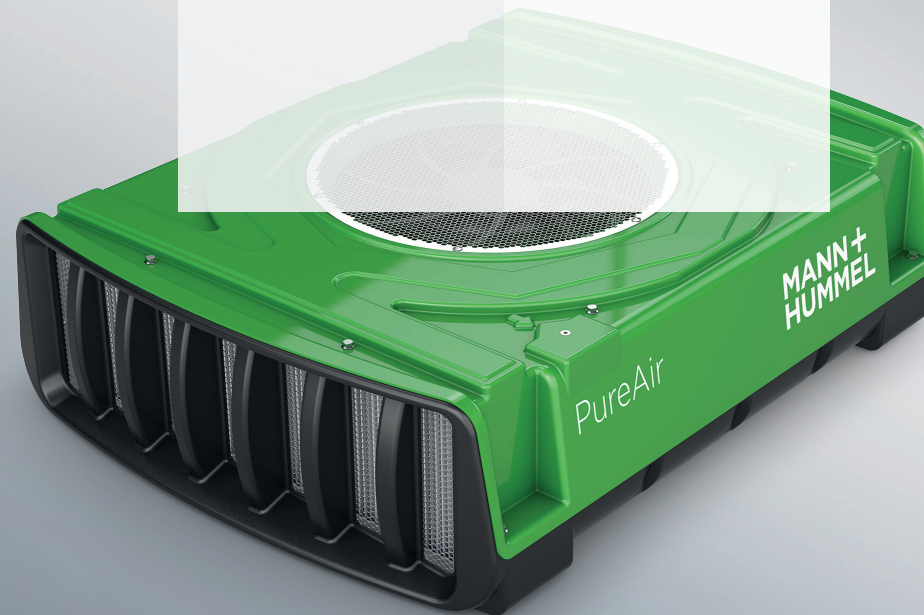


PureAir  
Mobile fine dust  
particle filter roof box

- ✓ Highly efficient
- ✓ Easy mounting
- ✓ Customizable branding



# MANN+HUMMEL PureAir

## Mobile fine dust particle filter roof box

### Product features and concept advantages

- Captures particulate matter from the ambient air as well as tire, brake and road abrasion, especially from other road users
- Significantly improved total emission balance for vehicles
- Nanofiber-enhanced filter elements with excellent filtration efficiency and best-in-class flow resistance for capturing different types of fine dust
- High performance and energy-efficient ventilation with high clean air delivery (CADR) rate
- Adjustable operating flow rate and power consumption
- Positive impact on company perception and support of clean mobility
- Helpful supplement for customers looking to extend their sustainability concepts for public tenders
- Available as original equipment and retrofit solution

### Technical specification

#### Performance values

Filter efficiency* [PM10]	> 95%
Filter efficiency* [PM2.5]	> 80%
Operating flow rate range	1,500 - 2,800 m <sup>3</sup> /h
Power consumption range (W)	85 - 450 W (12 or 24 VDC)
Filter service interval**	1,500 h
Dimension [LxBxH]	950x750x250mm

\*Combined efficiency for pre-filter and main filter ISO 16890

\*\*Value for moderate avg. PM10 concentrations <50µg/m<sup>3</sup>

### Design features

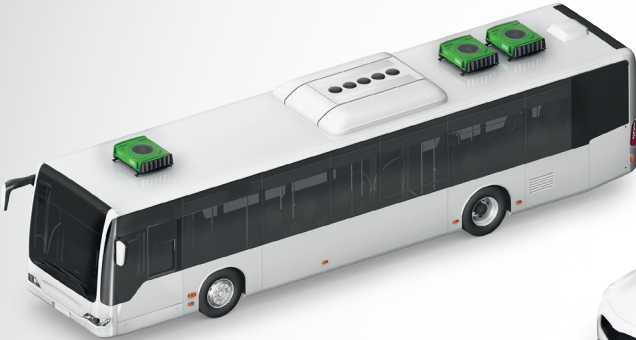


- 1 Styling cover
- 2 Pre-filter element
- 3 Fan unit
- 4 Electrical control
- 5 Housing assembly
- 6 Protective grid
- 7 Main filter element

# MANN+HUMMEL PureAir Mobile fine dust particle filter roof box

## Application areas

- Adaptable for different vehicle categories and applications, for example:



Public transport vehicles: bus



Public transport vehicles: taxi



Delivery service vehicles



Waste disposal vehicles

## Customizable branding

- Individual labels and coloring can be used to increase brand recognition





## MANN+HUMMEL Contact

### **Product Management**

Antomon Rapheal  
Product Owner PureAir  
antomon.rapheal@mann-hummel.com  
Phone: +91 080 4020-7137

### **Sales**

Franck Bento  
Director Global Sales New Products  
franck.bento@mann-hummel.com  
Phone: +49 7141 98-2393

### **Engineering**

Dr. Thilo Müller  
Lead Product Engineer  
thilo.mueller@mann-hummel.com  
Phone: +49 7141 98-2638



**Open the website for more information about our mobile fine dust particle filter roof box PureAir.**



**Watch the video of our mobile fine dust particle filter roof box PureAir.**