

PureAir
Fine Dust Particle Filter
Roof Box

- ✓ Highly efficient
- ✓ Easy service
- ✓ Customizable design



MANN+HUMMEL PureAir Fine Dust Particle Filter Roof Box

Functional Description and System Advantages

- Captures particulate matter from the ambient air as well as tire, brake and road abrasion, especially from other road users
- Positive impact on company perception and support of a clean mobility
- Helpful supplement for customers looking to extend their sustainability concepts for public tenders
- Significantly improved total emission balance for vehicles
- Excellent separation efficiency thanks to high performance filter media to adsorb different types of fine dust
- High performance and energy-efficient ventilation for a high flow rate
- Main filter element with best in class energy rating (Eurovent A+) and excellent fine dust filtration efficiency
- Available as original equipment and retrofit solution

Design Features



- 1** Styling cover
- 2** Pre-separator or pre-filter
- 3** Ventilation
- 4** Base plate
- 5** Filter element

Application Areas

Adaptable for different vehicle categories and applications:

- Public transport vehicles
- Delivery service vehicles
- Waste disposal vehicles
- Airport vehicles
- And many more

Technical Specification

| Performance values | |
|---|-------------------------|
| Filter efficiency* [PM ₁₀] | > 90% |
| Filter efficiency* [PM _{2.5}] | > 70% |
| Max. flow rate | 2,250 m ³ /h |
| Operating hours** | 3,000 h |
| Dimension [WxHxD] | 640 x 370 x 960 mm |

* Combined efficiency for pre-filter and main filter as per ISO 16890
 ** Value is for moderate avg. PM10 concentrations < 50 µg/m³

Customizable Design

The PureAir Box can be visually adapted to your needs: your advertising and logo as eye-catcher or for sponsoring purposes:





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