

AIRTOWER COMPACT V



TECHNICAL SPECIFICATION

Model	Compact 4000 V
Airflow	4000 m ³ /h
Motor Power	3.9 kW, 50 Hz, 400 V
Filter Class (Main Filter)	ISO ePM1 80 %
Filter Area (Main Filter)	30 m ²
Filter Class (Fine Dust Filter)	H14
Filter Area (Fine Dust Filter)	37 m ²
Noise Level	< 71 dB(A)
CEE-Plug	16 A
Weight	ca. 150 kg

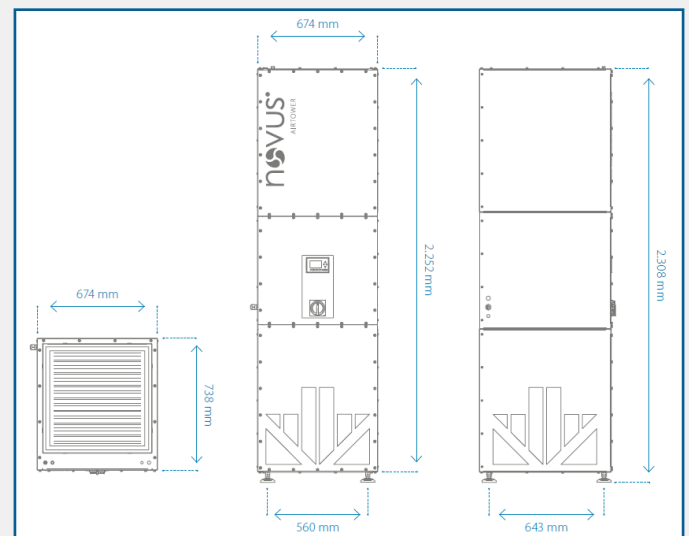
DESCRIPTION

All NOVUS Airtowers operate according to the layered ventilation principle, which utilizes the existing thermal currents. The Airtower Compact is a filter unit for the separation of aerosols, industrial dust, smoke and even virus particles. It is the slimmest model of the range, making it an ideal solution for indoor air purification with minimum space requirements.

The Airtower compact uses a one-to-four-stage filtration process. First, the air intake is passed through ISO ePM10 60% (or ISO ePM1 80%) class filter bags for safe, economical and microbiologically inert filtration. The main filter can be selected in different qualities (up to H14) depending on the type of emission. In the case of welding fume applications, a metal mesh is placed upstream of the main filter.

The Airtower compact can be operated with a minimal air flow rate of 3,400 m³/h to 4,250 m³/h, depending on the equipment. The reduced resistance from airflow and the use of a highly efficient EC fan ensures considerable energy consumption savings. In comparison to standard motors, fans with EC motors and integrated controllers are significantly more efficient. They weigh less and are infinitely variable, quiet and responsive.

DIMENSIONS



FEATURES

- You can choose between two air return options:
 - Diffused discharge openings with plug and play
 - Three duct connections on the clean air side when wall mounted.
- When coupled with a room air sensor, the unit control system regulates the system according to emissions and thus maximizes energy efficiency.

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