

novus<sup>®</sup>  
CLEAN AIR TECHNOLOGY



## AIRTOWER F

The Plug & Play filter tower for the extraction  
of hall welding fumes

# The NOVUS Airtower F

**The Plug & Play principle** – Welding work is rarely done at one and the same work place or always at the same working height. This is why the equipment must be flexible to ensure efficient extraction. The Airtower has been specially developed for variable welding workstations. Our extraction wizard comes without pipelines and uses the Plug & Play principle so that it is ready to use immediately: *set up, connect power and compressed air, start extraction.* Thanks to its forklift slots and lifting eyes, the Airtower can be put in place almost anywhere quickly and easily.

**The layered ventilation principle** – If complete local extraction of the hazardous substances is not possible at the source of emission, the filter tower offers itself as a brilliant air-cleaning solution. The contaminated air is aspirated, filtered and then discharged as clean, breathable air at

ground level with no air drafts. Exactly where employees breathe. And this through an extended 270-degree range. Here, the Airtower works on the basis of the layered ventilation principle, which is recommended by the German Social Accident Insurance Institution and is seen as the best form of air recirculation.

**Structure** – The side cover, made of high-tech polycarbonate, is a sign of the unit's strictly lightweight construction, while also making it resistant to impacts, scratching and heat. The controls are integrated into the device. A control panel with a colour display at the front of the device makes it easy to use.

**Setup** – The NOVUS Airtower is delivered ready for installation and can be put in place almost anywhere quickly and easily thanks to its forklift slots and lifting eyes.

## Technical specifications

### Performance parameters

Device type	FT 5.000 F	FT 10.000 F	FT 15.000 F	FT 20.000 F
Motor	5,5 kW, 400 V, 50 Hz	7,5 kW, 400 V, 50 Hz	11 kW, 400 V, 50 Hz	15 kW, 400 V, 50 Hz
Airflow	5.000 m <sup>3</sup> /h	10.000 m <sup>3</sup> /h	15.000 m <sup>3</sup> /h	20.000 m <sup>3</sup> /h
Dust container	100 litres	100 litres	200 litres	200 litres

### Dimensions and weight

Width of filter unit	1.619 mm	1.619 mm	2.066 mm	2.066 mm
Depth of filter unit	1.675 mm	1.675 mm	1.756 mm	1.756 mm
Height of filter unit	2.885 mm	3.643 mm	3.643 mm	3.643 mm
Weight approx.	990 kg	1.280 kg	1.480 kg	1.590 kg