

novus[®]
CLEAN AIR TECHNOLOGY



AIRTOWER CLIMATE 360M

The Plug & Play filter tower for the hall extraction of cooling lubricants with 360° air conditioning

NOVUS Airtower Climate 360M

The Plug & Play principle – Effective, flexible extraction for entire production halls is absolutely indispensable for a modern manufacturing company. Unlike conventional hall extraction systems, the NOVUS Airtower can be used without any piping needed to be installed. Simply set it up, connect the power supply and you're done.

Now, this ingenious device can also combat the extreme heat generated by the processing stations and cool your production hall, or heat it if required.

The layered ventilation principle – The contaminated air is aspirated at the top of the unit, filtered and temperature-adjusted, then discharged as clean, conditioned, breathable air at ground level without causing a draught. 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.

Function – The ambient air drawn in at the top of the unit is filtered safely, economically and in a microbiologically inactive manner using high class filter pockets. The second filter stage located in the four discharge openings helps to ensure that the temperature-adjusted air is distributed evenly and stops dust from entering the device when it is inactive.

Air conditioning – The Airtower Climate 360M is equipped with four large heat exchangers. These can all be controlled separately and their discharge temperature individually adjusted.

That includes unbeatable values in terms of cooling and air discharge speed.

If your staff feel too cool, they can switch the discharge opening facing them to air circulation.

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 at the front of the device makes it easy to use.

Technical Specifications

Performance parameters

Device type	FT 20.000 M - 360
Motor	11,9 kW, 400 V, 50 Hz
Airflow	20.000 m ³ /h

Dimensions and weight

Width of filter unit	2.058 mm
Depth of filter unit	2.075 mm
Height of filter unit	2.856 mm
Weight approx.	ca. 1.300 kg

Cooling comparison NOVUS Competitors

ΔT↓Air in K	9,5	5,3
ΔP↓Water in mbar	107,0	265,6
Q↓Air in kW	64,1	35,6