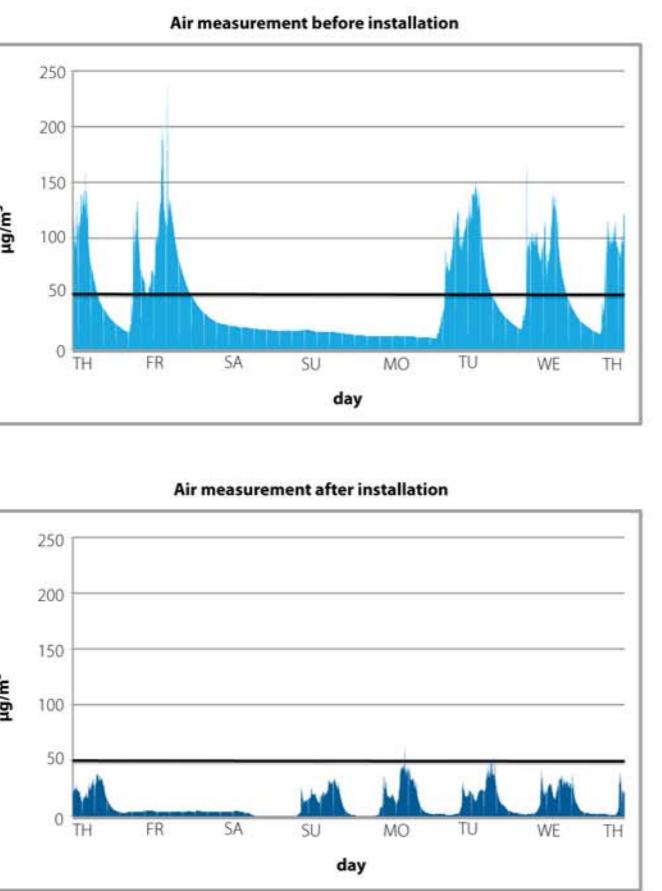




## Air measurement



An extensive air measurement prior to and after installation give a good impression of the reduction of air pollution to the desired target level. Euromate uses professional equipment.



## Cost savings through air cleaning

Air pollution awareness is increasing, and thus the amount and range of companies that are willing to solve the problems is growing too. The secondary beneficial effects, accompanied by large cost savings, naturally also stimulate companies' willingness to invest in a clean indoor climate.



### A clean indoor environment provides much added value

- Improved working environment
- Cost savings on energy and cleaning
- Increasing product quality
- Extension of the shelf life
- Improved productivity
- Reducing absenteeism
- Fewer breakdowns

### EUROMATE OFFERS ALL-IN SOLUTIONS FOR AIR CLEANING

Euromate has over 40 years of experience in the field of air cleaning. This provides in-depth knowledge of indoor air and removal of air pollutants.

For optimal use of the air cleaner regular maintenance by a professional is recommended. A service contract can be agreed with our sales organization. There are various maintenance agree-



ments possible, depending on the filter choice and the degree of air pollution.



Four switching points can be programmed per connected filter. A switching point is composed of a time, and a fan speed. This way a day and night mode can be easily created. The RC-CME / T has an intuitive interface and clearly displays the status of connected filters.

### Your authorised Euromate distributor:

Sole distributor (Hong Kong and Macau)



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Web-site: [www.hkpc.org](http://www.hkpc.org)  
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*Euromate enables people to breathe pure air. For the improvement of indoor air quality we offer high-quality, contemporary products that effectively remove a broad range of pollutants. Years of experience, expertise and service orientation allow us to provide effective air cleaning solutions to our (international) customers.*

## HF AIR CLEANERS

Remove air pollution efficiently in industrial buildings





## Get a grip on the air quality in your industrial building

The air in industrial buildings is subject to various sources of pollution. Damage to products, contamination of surfaces, health problems among personnel and machine failures are significant negative consequences.

To prevent (economic) losses you choose a way to permanently improve the situation. Air cleaning is the answer. One of the many advantages is that the energy which is used to cool or heat the indoor air is not lost. In fact you will actually reduce the expenses.

Industrial buildings have a large floor area. Height is required for storage shelves. This leads to large volumes of air that need to be filtered. Euromate delivers robust air cleaners which can circulate and filter lots of air.

### HF-series

Floating dust and dust precipitation are common phenomena in many industrial buildings. Euromate offers the HFE unit, a very effective and efficient system for filtering dust particles. Even welding fumes and oil mists cause no problem for this system.

### No ductwork required

The HF air cleaners can easily be mounted to the ceiling, a column or the wall. Standard versions are available for two air flow directions (left to right, right to left). There is no need to install ductwork, nor is it necessary to modify other nearby systems.

### Suitable for

Sectors in which volume systems are commonly used for air cleaning include:

- Logistics
- Food industry
- Production
- Wholesale
- Retail
- Waste processing
- Process industry

Filter over  
**90%**

pollution from the air flow

Save up to  
**30%**

on cleaning and heating costs



*with (reusable) electrostatic filter*

## HFE particularly suitable for filtering floating dust

The HFE unit is built around an electrostatic filter and has an integrated fan. The HFE-25/50 is ideally suited for filtering particulate matter which is common in warehouses, such as dust from paper, cardboard and organic particles. The unit can also be used to filter fumes from oil treated steel. Through the integrated oil collection facility, the oil can be easily drained.

### How it works

As the polluted air enters the HFE it passes through the high-voltage ionisation section, operating at around 10,000 volts. Here, the dust particles become positively charged. The contaminated air then passes through the collector section, a combination of charged (5,000 volts) and earthed panels. The electrically charged particles are attracted by the earthed panels, to which they become attached. In this way, the smallest particles (up to 0.01 micron) are removed from the airflow by the electrostatic filter. The contaminated air is drawn through the filter by a directly driven centrifugal fan, which is compliant with ERP 2015.



### Features of the HFM

- Available in four models by combining air volume (2.500 m<sup>3</sup>/u en 5.000 m<sup>3</sup>/u) and air flow (left-right, right-left)
- Contains an (optional) pre filter and a bag filter, depending on the degree of air pollution there can be chosen for a variety of filter classes
- Also suitable for locations with light welding fumes



*with (disposable) bag filter*

## HFM filters fine dust, rubber and fumes through processing

The HFM is an industrial air cleaner with a (disposable) bag filter. The HFM- 25/50 is ideally suited for filtering particulate matter such as dust caused by paper and cardboard boxes as well as rubber particles from transportation belts and truck wheels and fumes through processing.

### How it works

The polluted air is drawn into the bag filter by the integrated extraction fan. The optional pre filter catches the coarser (dust) particles. Depending on the granularity of the selected bag filter, the air is further filtered (filter class F5 for coarse dust to filter



class F9 for fine dust). The clean air is discharged into the room. The degree of pollution determines when the bag filter must be replaced.



Electrical compartment



Main filter consisting of ioniser and collector



## HFC filters gases and odours typical in industrial buildings

The HFC is an industrial air cleaner that filters odours and gases mainly through activated carbon filter cylinders with bayonet catch. Ideal for industrial buildings and process industries.

### How it works

The polluted air is drawn into the HFC and is collected in the filter cylinders with activated carbon. This is how harmful gases and unpleasant odours are removed. These cylinders can be easily replaced when they are saturated.

