

## Technical data

	HFE-25	HFE-50
H x W x D	630 x 560 x 993 mm	630 x 1010 x 993 mm
Weight (net)	100 kg	195 kg
Material housing	epoxy coated steel	
Colour	grey RAL 7035	
Filter package:		
• FIS (ionizer)	1	2
• FCS (collector)	1	2
Material ionizer & collector	Aluminium	
Max. filtration capacity	2500 m <sup>3</sup> /h	5000 m <sup>3</sup> /h
Filter surface	14,2 m <sup>2</sup>	28,4 m <sup>2</sup>
Pre/final filters	Optional bestellbar	
Pressure drop	< 150 Pa	< 175 Pa
Supply voltage	230V/1~/50Hz	
Operating temperature:		
• minimum	5°C	
• nominal	20°C	
• maximum	45°C	
Max. relative humidity	80%	
Prefilters:		
• SAF	• Aluminium filter (standard)	
• SOD	• Demister for oilmist application	
Final filters:		
• SAF	• Aluminium filter (standard)	
• SSF	• Progressive synthetic filter (filter class G3)	
• SCF	• Activated carbon filter for odour control	

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



Your authorised Euromate distributor:

*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.*



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### HFE AIR CLEANER

## Cleans your costs!





“  
The HFE unit combines everything we want, it does a good job, is environmental-friendly and saves energy!  
Quote: Mr. Trond Trehjørningen,  
Technical Manager

## We will find a solution that fits your needs



Electrical unit



Main filter consisting of ionizer and collector

### Dust is everywhere

Dust and fumes are a well-known problem in many industrial buildings. To solve this problem Euromate provides the HF air cleaners. This is an extremely effective and efficient system for dust particle filtration.

**The HFE** operates with an electrostatic field. The polluted air flows through an ionization and collector region, in which the dirt particles are electrically charged and collected. With that process particles with a size up to 0.01 microns can be filtered. The open filter structure makes high airflows possible. The filters cannot be clogged, which means that the airflow remains at the same level. Another advantage of the filter is the reusability by professional cleaning.

Particular types of air pollution require special solutions. Therefore, we have two other air cleaning systems:

**The HFM** cleans the air with a bag filter. This filters among others fine dust, wood dust, rubber marks and smoke produced in certain processes.

**The HFC** frees the air of gases and odours with our special activated carbon.

### Applications

- > Industry
- > Logistics
- > Food production
- > Retail
- > Powerhouse
- > Public facilities
- > Recycling
- > Production
- > Carpentry
- > Welding
- > Paint shop

## Benefits you can actually see!



Lower heating costs



Improve product quality



Reduced cleaning time



Improving the working environment



Reduce maintenance



Increased customer satisfaction



Lower absenteeism



Image improvement

## Air measurement

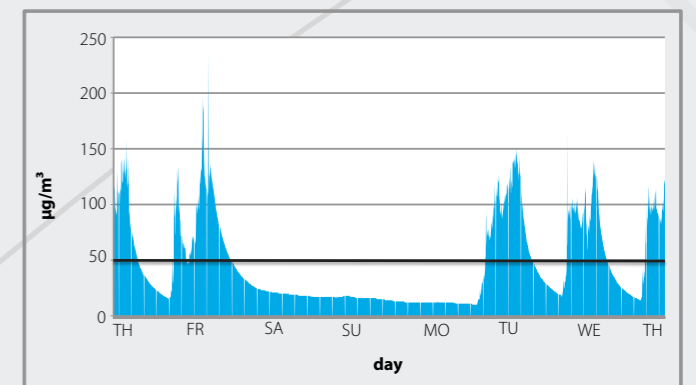
An extensive air measurement before and after the installation shows the reduction of air pollution in terms of the desired level. For this purpose Euromate uses professional measuring equipment.



We were impressed with the performance of the Euromate solution. The air measurements showed us a dust reduction of almost 80%!

Quote: Mr. René Fellmann, CEO of Competec Logistik

Air measurement before installation



Air measurement after installation

