

EUROMATE DFI-SERIES

EFFECTIVE FINE DUST FILTRATION

euromate
PURE AIR

Euromate DFI: Versatile, cost-efficient & flexible

The Euromate DFI-Series is the ideal choice for industries such as logistics, manufacturing, and woodworking. These advanced IoT-enabled air cleaners achieve a fine dust reduction of up to 90%. According to occupational health and safety regulations, every employer has a duty to provide a healthy and safe working environment. Clean indoor air is a key factor in achieving this. By improving air quality, companies benefit from healthier employees, increased productivity, a stronger corporate image, and reduced operational costs.

Energy savings through recirculation

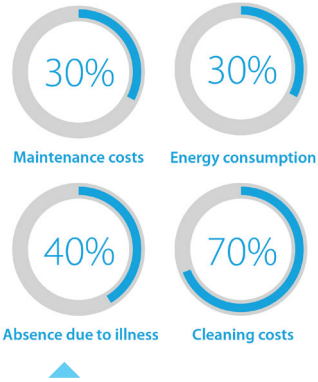
The DFI operates on the principle of air recirculation: existing indoor air is filtered and reintroduced into the space, eliminating the need for additional outdoor air. This prevents unnecessary heating or cooling and makes the system highly energy-efficient. In this way, you benefit from optimal indoor air quality without additional energy consumption.

Smart IoT Solution

With the online Air Safety Portal, you can effortlessly monitor the performance of the DFI units, adjust operating parameters, and manage the system remotely. In combination with the optional AirCheq sensors, you gain real-time insights into indoor air quality and benefit from an intelligent, dust-driven control system that automatically optimizes performance and efficiency.

Flexible filtration options

Thanks to a range of filter configurations, the air cleaners can be easily tailored to the specific pollution sources present in your facility. The DFI 30 and DFI 60 models are equipped as standard with an ePM2.5 70% bag filter. The DFI 30 DF and DFI 60 DF variants additionally feature an ISO Coarse 70% bag filter for double-stage filtration. This ensures the required air quality levels and guarantees optimal filtration performance.



Reference values determined at our customers' sites



DFI 60 DFI 60 DF DFI 30 DF DFI 30

Plug & Play

The DFI is immediately ready for use, no cutting or breaking is required and only one power point is sufficient. After installation, you will immediately experience the benefits of this efficient air cleaning solution.

Lightweight design

Its low weight ensures minimal load on the roof structure. This makes the DFI easy to install in any operating environment, especially in situations where solar panels may challenge roof loads.

No sprinkler adjustments

The Euromate DFI is a safe choice. Thanks to its compact dimensions, the system also suffices in environments where the sprinkler system is already installed and therefore no costly modifications need to be made.

Scalable air cleaning solution

The DFI air cleaners are fully scalable, ensuring the right capacity to meet your indoor air quality objectives at all times. With a choice of different models and the option to combine multiple units, the system can seamlessly expand in line with the evolving needs of your facility.

Air Safety Portal: Always real-time insight and control of your air quality

Through the online Air Safety Portal, you have full control over the DFI. With the optional AirCheq sensors, you also gain real-time insight into your air quality. For measuring and analyzing air quality, we collaborate with AirTeq. This independent Dutch authority in the field of air quality sensors has many years of extensive experience in monitoring various (work) environments. Together, we achieve the best results for our customers.

You can log in to the platform via any PC, tablet or phone.



Complete control over the performance of your Euromate DFI air cleaner and AirCheq sensors from any location. The system combines efficient monitoring, user-friendly settings and real-time air quality insights in one platform

- The Air Safety Portal enables monitoring of air cleaner performance, adjustment of settings and remote management. When integrated with sensors, the air cleaners can be automatically controlled based on measured particulate concentrations, ensuring optimal air quality.
- The advanced AirCheq sensors continuously monitor real-time levels of (ultra)fine particulate matter, temperature, humidity, CO_2, and volatile organic compounds (VOCs). All sensor data is securely connected to the Air Safety Portal for reliable data collection, monitoring and analysis.
- Easily view and download measurement data for analysis and receive automated periodic reports. This allows you to demonstrate your company's commitment to investing in a healthier working environment for your employees.
- You gain direct insight into indoor environmental conditions, including alerts whenever user-defined thresholds are exceeded. This enables timely intervention to maintain safe and healthy air quality levels.

Technical specifications

	DFI 30	DFI 30 DF*	DFI 60	DFI 60 DF*
Physical dimensions and properties				
Height (mm)	560	560	1120	1120
Width (mm)	560	560	560	560
Depth(mm)	1015	1650	1015	1650
Weight (net in kg)	42	60	82	112
Fan capacity (m^3/h)	3400	3400	6800	6800
Material housing	Steel			
Colour	RAL 5019			
Electrical data				
Supply voltage (V)	230			
Power consumption (W)	510	210	1010	1010
Thermal protection	Integrated with fan			
Ambient conditions				
Operating temperature: • minimum • nominal • maximum	 5 °C 20 °C 45 °C			
Max. relative humidity	80 %			
Outdoor use allowed	No			
Storage conditions	• 5 - 45 °C • RH 80 %			
Operation	Via the Air Safety Portal			

** These models are equipped with two-step filtration*

Roadmap to a healthier workplace



Measuring **Insight & Advice** **Solution**

About Euromate

Euromate is a leading Dutch company with over half a century of expertise in effective and sustainable air cleaning. We supply high-quality products and services to companies, contributing to a cleaner, healthier and safer indoor climate. From design to production and regular maintenance; the entire process is managed in-house.

We aim to use European components as much as possible, resulting in higher quality and longer life of our air cleaners and systems. This approach not only contributes to the sustainability of our air cleaners, but also reduces transport movements and associated CO_2 emissions. By keeping the entire process in-house, we ensure the quality and sustainability of our products, which is central to our mission for a healthier and cleaner living environment.

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