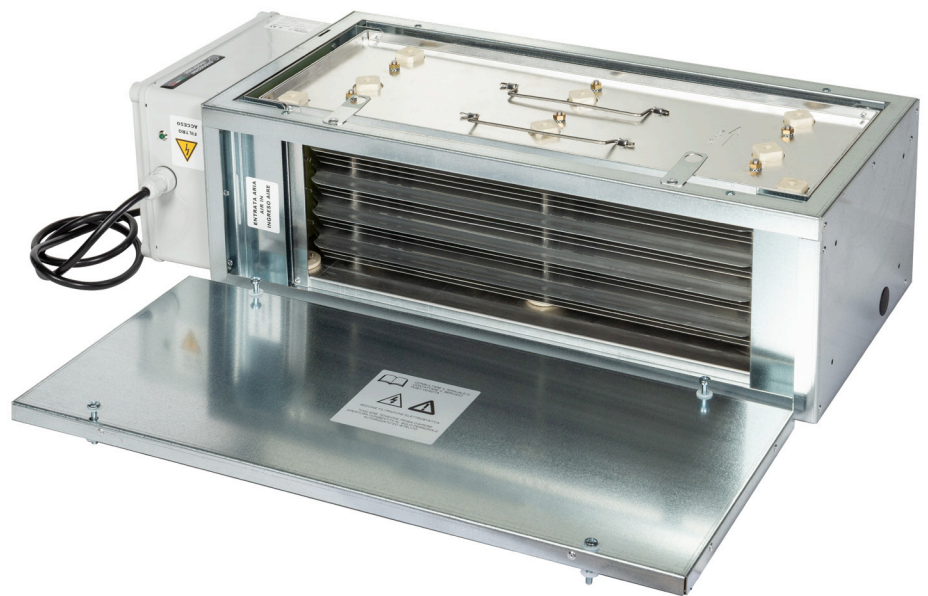


RACFESMALL



**RESIDENTIAL
SOLUTIONS**

DESCRIPTION

The RACFESMALL duct unit, equipped with active electrostatic filtration, has been developed and designed to be applied in the residential and commercial sector.

With the constant increase in air pollution, air hygiene and quality are essential to ensure maximum comfort inside buildings (such as banks, schools, hotels...)

High filtration efficiency and reduced environmental impact are the peculiarities of this system.

The active electrostatic filters, completely regenerable by washing, installed inside the unit, allow the reduction of micro/nano particles including viruses, bacteria and ensure constant energy saving owing to minimal pressure drops.

RACFESMALL thanks to its compact dimensions adapts to the narrowest spaces and false ceiling installations.

TECHNICAL SPECIFICATIONS

	RACFE1000SMALL	RACFE2000SMALL
Max airflow	1000 m ³ /h	2000 m ³ /h
Pressure losses	Max 60 Pa	
Power supply	230 volt - 50/60 Hz - single phase	
Electric power	25 W	35 W
Structure	Galvanised	
Dimensions BxHxP	678x223x269 mm	1265x223x269 mm
Weight	14,5 kg	28 kg
Installation	Fixed with brackets to attach to supports on the ceiling	



The **RACFESMALL** module has the following components installed inside:

- Prefilter regenerable by washing in polypropylene
- Active electrostatic filter with high efficiency (energy and filtration)

RACFESMALL must be completed with other elements (pipes, fan etc...) which allow the suction of polluted air directly at the source and its correct installation.

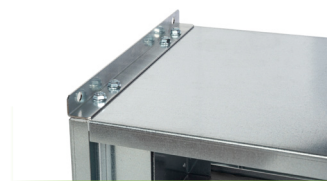
The standard version foresees that when observing the machine from the side of the inspection door at the bottom, the air passes through the filter in a direction from left to right. To reverse the direction of the air passage, simply rotate the module during installation.

Before starting the system, it is necessary to provide adequate protections to the two sides of the module with:

- air exhaust grid in the room
- air inlet grid from the environment
- air conveying pipes

The module is supplied with 2 support brackets for suspension mounting and has a 20mm flange on which the fittings or pipes are fixed.

Always place a seal between the junctions and the module.



COMPANY CERTIFICATIONS

ILH BERLIN
INSTITUT FÜR LUFTHYGIENE

BSRIA

CETIAT
ensemble, innover et valider

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