expansion® electronic

BETTER AIR FOR A BETTER QUALITY OF LIFE

MODULE

RAC

AIR TREATMENT SOLUTIONS



DESCRIPTION

The RAC unit was designed and developed to be applied in the industrial and residential sector.

In fact, with the constant increase in atmospheric pollution, breathing quality air inside the places where you live or work has become a current and extremely important problem.

Through a filtration process with active electrostatic technology, RAC purifies the air and makes the environment more comfortable.

Thanks to its compact size, it can be installed on the ceiling using special brackets supplied as standard or can be installed as support model.

RAC is composed externally by a painted sheet metal structure and internally by a filtering body with high filtration efficiency.

The FE system active electrostatic filters passed the tests of the UL867 standard and obtained the UL certification, a US standard on safety of equipment and which specifically deals with the Safety of Electrostatic Air Filters.

TECHNICAL SPECIFICATIONS

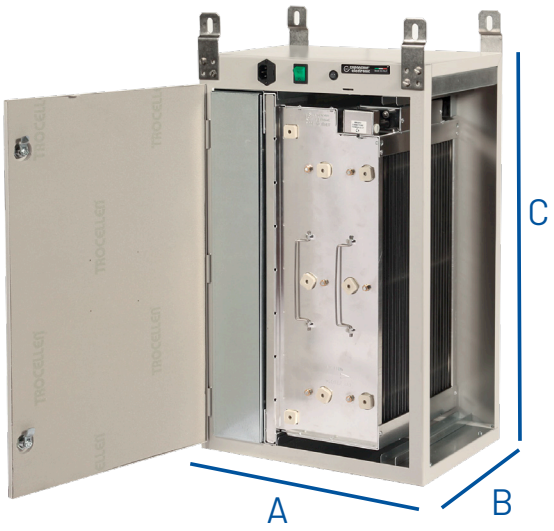
	u.m.	RAC FE250	RAC FE300	RAC FE600	RAC FE300600	RAC FE1200	RAC FE1500
Max Air flow	m^3/h	1200	1700	3400	5100	7000	8700
Pressure drop	Pa	max 60 Pa *					
Consumption	W	9	9	16	25	32	41
Weight	Kg	18	21	38	56	74	94
Dimensions AxBxC	mm	425x305x575	525x305x675	525x610x675	525x895x675	525x1108x675	525x1395x675
Filters	n°	1	1	1	2	2	3
Installation	-	Ceiling/Support	Ceiling/Support	Ceiling/Support	Ceiling/Support	Ceiling/Support	Ceiling/Support

* Only with a standard pre-filter.

OPTIONS

- FEL filter
- Electric fan
- Available pre-filters
  1. WAVY PRE-FILTER ΔPa max: 60Pa
  2. PF METAL PRE-FILTER (OILS AND OILY) ΔPa max: 150Pa

Dimension of filters/prefilters (mm)		
	RAC FE300	RAC FE600
Wavy pre-filter	287x592x95	592x592x95
Pf metal pre-filter (oils and oily)	287x592x95	592x592x95



COMPANY CERTIFICATIONS

ILH BERLIN INSTITUT FÜR LUFTHYGIENE · BSRIA · CETIAT ensemble, innover et valider · Consiglio Nazionale delle Ricerche · SP Science Partner · POLITECNICO DI TORINO · IRAM Instituto Argentino de Normalización y Certificación · CE · ISO 16890 · c UL us LISTED

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