

INDUSTRIAL ELECTROSTATIC AIR FILTERS



DESCRIPTION

This new series of industrial electrostatic filters is suitable to be inserted inside the filtration modules in commercial/industrial kitchens and in agro-food applications where subsist the exigency to filtrate oils, fats and grease.

Their adoption grants a constant filtration efficiency and, thanks to a high oil accumulation and separation capacity, allow a huge energy saving and low pressure drop.

The main distinguishing characteristic of this filter is the bottom section of the capture blades, the shape of which has been purposely conceived to enable the dripping of high quantities of oily pollutants, with reduced formation of electric discharges between the plates.

In addition, the special mechanical construction ensures, also in the presence of emulsifying oils, that no electric discharges occur on the insulator, therefore providing high reliability in the long term.

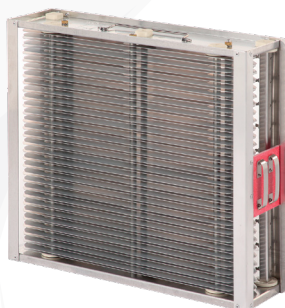
The filter is manufactured in toughened aluminum without the built-in electronic circuit but with remote electrical supply, which can manage up to 6 filters at the same time. This system can be inserted inside an industrial filtration plant already existing or to build from new. Thanks to a simple wash you can make an easy and fast maintenance of the electrostatic filter.

TECHNICAL DATA

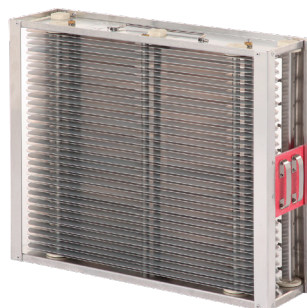
MODEL	DESCRIPTION	L x H x W (mm)	MAX AIRFLOW (m³/h)	ACCUMULATION CAPACITY (g)	WEIGHT (kg)
A00003	155/R Oil	644 x 342 x 115	1300	250	5,4
A00006	115 3 R Oil	544 x 405 x 115	1200	225	5,5
B00458	115/3/D Oil	544 x 405 x 195	2400	450	10,5
B00475	75 D Oil	444 x 405 x 195	1800	350	10,5
B00319	P 50 D Oil	344 x 342 x 195	1100	250	8,1

- * To ensure the best performance of our filters, Expansion Electronic recommends the use of its power electronic circuits.
- ** Every filter is customizable according to the air volume to treat.

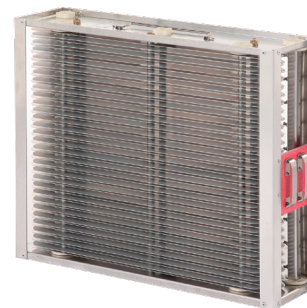
155/R Oil



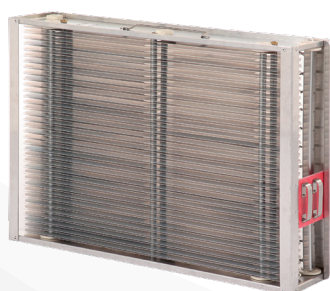
115 3 R Oil



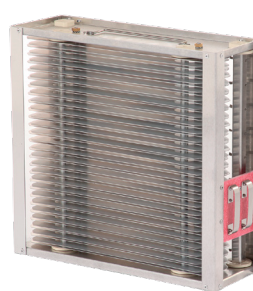
115/3/D Oil



75 D 12p Oil



P 50 D Oil



COMPANY CERTIFICATIONS

ILH BERLIN
INSTITUT FÜR LUFTHYGIENE

BSRIA

CETIAT
ensemble, innover et valider

**Consiglio Nazionale
delle Ricerche**



**POLITECNICO
DI TORINO**



Instituto Argentino
de Normalización
y Certificación



**expansion[®]
electronic**
BETTER AIR FOR A BETTER QUALITY OF LIFE

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