

UC SERIES

UC400

UC600



Electrostatic filter



Fast and simple installation



Energy saving



Health Improvement

DESCRIPTION

The UC series was designed in order to improve the characteristics and the quality of the air in residential and commercial surroundings and in the workplaces.

The reduced thickness in height makes the unit suitable for the typical ceiling installation.

The structure of the canalized air handling units are made in galvanized sheet metal with 1 mm of thickness. They are available in different versions that provide different air flows.

The absence of the ventilation fan makes it absolutely silent and applicable to canalized ventilation and conditioning plants where the requirement to make a comfortable and clean surrounding air is a real need for people who spend most of their time indoors.

The infrared remote control, standard supplied, is used to switch on and switch off the electrostatic filter.

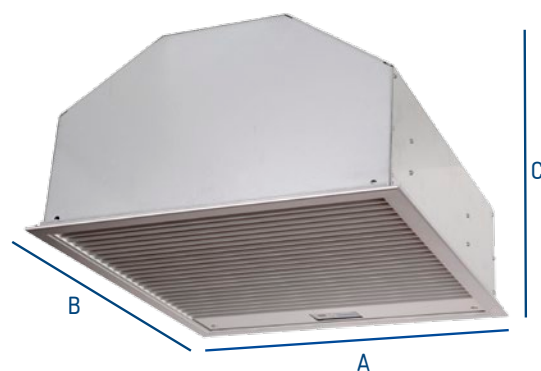
Thanks to the very low pressure drops and the high pollutant accumulation capacity, the new UC Series guarantees extremely high filtration performance, energy savings and low running costs revealing itself the best solution for the abatement of PM 2,5.

All the electrostatic filters produced by Expansion Electronic use completely recyclable and regenerable materials for more than 95%.

TECHNICAL SPECIFICATIONS

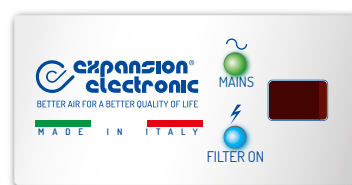
	u.m.	UC400	UC600
Max Air flow @3m/s	m³/h	740	1450
Pressure drop	Pa	35	35
Consumption	W	9	16
Power input	V-Hz	230 - 50/60	230 - 50/60
Dimensions AxBxC	mm	440x440x320	595x595x320
Weight	Kg	13,5	21,5
Cells	n°	1	1
Installation		ceiling	ceiling
Remote control		yes	yes
Efficiency Filtration	on PM2.5	>96%	>96%

Air output for rectangular ducts	mm	405x110	565x110
Air output for circular pipe (optional)	Ø mm	150	200



FUNCTIONALITY

The UC Series identifies the traditional air purification system with electrostatic filters of Expansion Electronic. Its efficiency is almost constant in the long term and is proportional to the amount of filtered particulate. The information managed by the electronic circuit and displayed through the control panel where the green light indicates the correct operation of the device, while a blinking blue light indicates the saturation point of the filter and thus the need of maintenance.



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

