

# UC0600-800



Active electrostatic filter



Health Improvement



Fast and simple installation



Regenerable and recyclable materials



Energy saving



Sustainable product



## DESCRIPTION

The UCO 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 duct 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 duct ventilation and conditioning plants where the requirement to make a comfortable and clean environmental air is a real need for people who spend most of their time in indoor places.

The infrared remote control, supplied as standard, 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 UCO Series guarantees extremely high filtration performances, energy saving and low running costs revealing itself the best solution for the abatement of airborne pollutants.

All the electrostatic filters produced by Expansion Electronic use completely recyclable and regenerable materials

# TECHNICAL SPECIFICATIONS

	u.m.	UC0600	UC0800
Max Air flow @3m/s	m <sup>3</sup> /h	600	750
Pressure drop	Pa	35	35
Consumption	W	9	9
Power input	V-Hz	230 - 50/60	230 - 50/60
Dimensions AxBxC	mm	620x290x200 (+100 with collar for pipe)	800x290x200 (+100 with collar for pipe)
Weight	Kg	12	15,5
Cells	n°	1	1
Installation		ceiling & wall	ceiling & wall
Remote control		si	si
Efficiency Filtration	su PM2.5	>96%	>96%



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

## FUNCTIONALITY

The UCO series is an air purification system with active 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 is displayed via the control panel. Control panel on which the green LED indicates the correct operation of the machine, while the flashing blue LED indicates the saturation of the filter and therefore the need for maintenance.



## 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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