

UPT

Ceiling units for purifying and disinfecting air using HEPA H14 filtration



Ceiling units for purifying and disinfecting air, equipped with HEPA H14 filters and Plug Fans, with AC or EC Technology motors, depending on model, and with optional UVc germicidal chambers. These units have been especially designed to be installed above false ceilings in high occupancy areas.

Characteristics:

- Structure designed for installation above false ceilings.
- Washable pre-filter.
- HEPA type filters with a filtration efficiency of 99.99%.
- UVc germicidal chamber, depending on model.
- Plug Fan with AC or EC Technology, depending on model.
- Backward curved impeller.
- Inspection cover for filter maintenance and replacement.
- Low noise levels.

Motor:

- EC version: High efficiency external rotor EC Technology motors, adjustable via 0-10 V signal.
- AC version: External rotor motors with built-in thermal guard, class F, with ball bearings, IP54 protection.

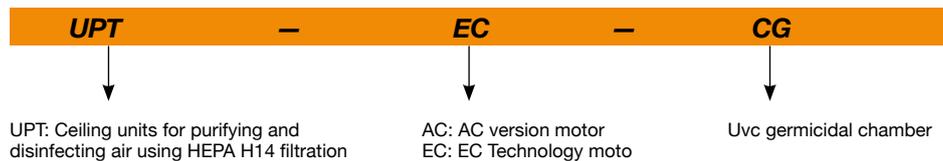
Finish:

- Anti-corrosive finish in polyester resin, polymerised at 190 °C, after degreasing with phosphate-free nanotechnology treatment.
- RAL 9003 supplied as standard.

On request:

- Any other RAL can be supplied.

Order code



Technical characteristics

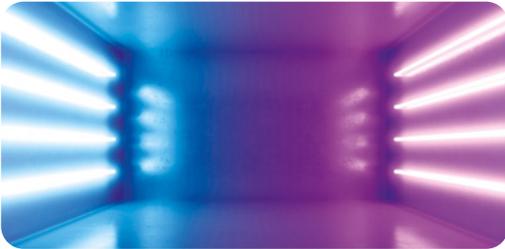
Model	Maximum flow rate (m ³ /h)	Recommended effective working area ¹ (m ²)	Speed (r/min)	Maximum power (W)	Power supply	Sound pressure level at 50% of max speed.* dB (A)	Approx. weight (Kg)
UPT AC	150	20	1410	60	200-240V 50/60Hz 1Ph	33	10
UPT EC	350	45	2440	120	200-240V 50/60Hz 1Ph	45	10
UPT AC-CG	150	20	1410	60	200-240V 50/60Hz 1Ph	33	10
UPT EC-CG	350	45	2440	120	200-240V 50/60Hz 1Ph	45	10

¹Recommended effective working area with a 3-meter-high premises.

*Irradiated sound pressure level in dB(A) at a distance of 3 m.

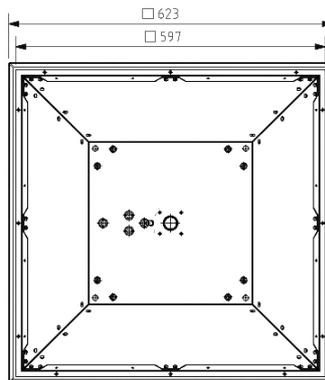
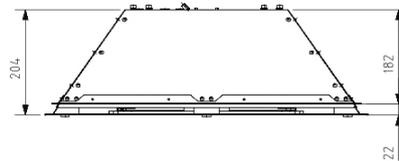
Technical characteristics of the UVC germicidal chamber

According to the model, these purification units can integrate a germicidal chamber, built with UVC ultraviolet lamps in a 256 nm spectrum, a wave width indicated to inactivate a wide variety of microorganisms by absorbing short wavelength energy through DNA and RNA.



Model	Number of lamps	Total electrical power (W)	Total Uvc radiation power (W)	Radiation dose (mJ/cm ²)
UPT AC-CG	4	44	11.2	12.4
UPT EC-CG	4	44	11.2	5.3

Dimensions mm



Accessories



CAP/EC



SI-PM2.5+VOC



SI-CO2+VOC



MICA-LITE/W



RAC WIFI

Recessed WiFi controller for AC motors up to 300 W with connections for auxiliary equipment

This controller allows fan speed adjustment and allows the germicidal chamber lamps to be turned on or off. Additionally, it is equipped with WiFi connectivity for remote operation, which also allows function and time programming via the Smart Life application.