

GERMICIDAL
UVC LAMP



UPA

AIR PURIFYING UNITS



- PURIFIES INDOOR AIR
- IMPROVES HEALTH
- CLEANS PARTICLES AND ODOURS

- PERFECT FOR INDUSTRY AND HIGH OCCUPATION PREMISES
- OPTIMAL FOR DATA CENTRES
- SUITABLE FOR PHARMACEUTICAL AND HEALTHCARE INDUSTRIES



MULTIPLE STAGES OF FILTRATION



ACTIVATED
CARBON



70%
EFFICIENCY



99.95%
EFFICIENCY



LAMP UVC
GERMICIDE

UPA

Air purifying units

Units specifically designed for cleaning and purification of indoor air, in any type of premises and especially in areas with high occupancy, also suitable for pharmaceutical and healthcare applications.



Features:

- Plug-fan type fans with EC technology.
- Efficient, adjustable and low noise level equipment.
- Filtration stages according to model
 - First stage of G4 Filtering.
 - Activated carbon filter.
 - Final filter F9 efficiency 70%.
 - HEPA H13 final filter, 99.95% efficiency.
 - HEPA H14 final filter, 99.99% efficiency.
 - UVC germicidal chamber, depending on order code.
- Control panel with on / off and dirty filters indicator.
- Two speed selector.
- Germicidal chamber operation led indicator.
- Fully removable for cleaning and maintenance.
- Insulated panels.

Motor:

- E.C. motors High efficiency external rotor technology incorporates constant flow regulation, with two, pre-adjustable set points.
- Single phase 200-230V- 50 / 60Hz.

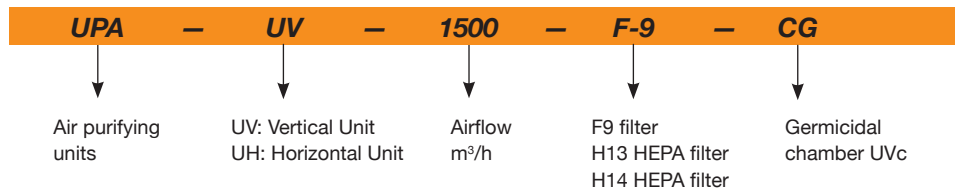
Finish:

- Frames made form aluminum section and 25mm insulated panels, pre-lacquered exterior, galvanized interior.

On demand:

- Drive Module 1 front grille.
- Drive module with circular ducts.
- Equipped with wheels.

Order code



Technical characteristics

Model	Maximum flow		Available pressure (Pa)	Power supply (V)	Sound level dB(A)	Fan (KW)
	(m³/h)	(CFM)				
UPA-UV-1500	1,500	883	300	200-230V 50/60Hz 1Ph	47	0.76
UPA-UV-3000	3,000	1766	300	200-230V 50/60Hz 1Ph	51	1.35
UPA-UV-4500	4,500	2649	300	200-230V 50/60Hz 1Ph	55	2.7
UPA-UH-1500	1,500	883	300	200-230V 50/60Hz 1Ph	47	0.76
UPA-UH-3000	3,000	1766	300	200-230V 50/60Hz 1Ph	52	1.52

* Available pressure with G4 and F9 filter

* Effective power of UVC radiation

Construction

Vertical Unit (UV)

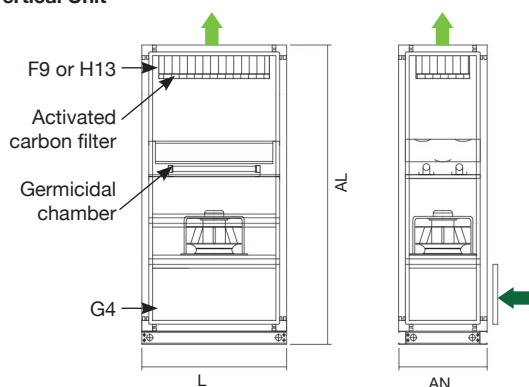
Vertical Unit (UV) ideal for direct use in the rooms being purified, it can also be supplied on request with a drive module with outlet diffusion grille and with wheels if required.

Horizontal Unit (UH)

Horizontal Unit (UH) deigned to be installed in ceiling spaces and ducted to the areas where the air needs to be treated.

Dimensions mm

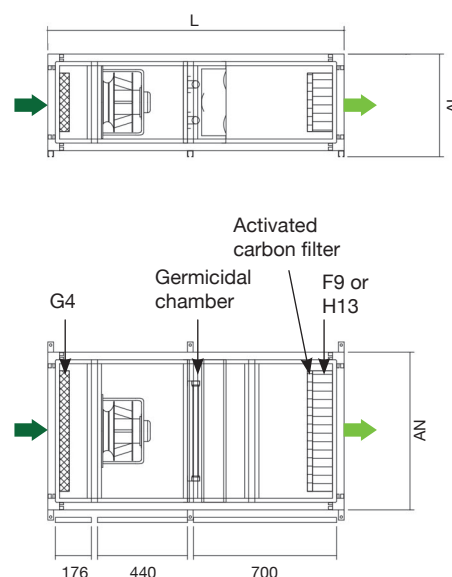
Vertical Unit



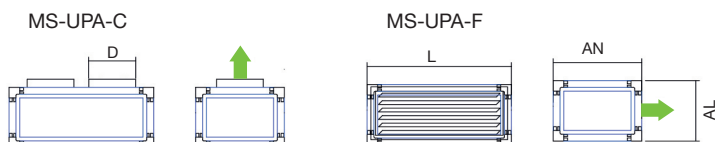
Model	L (mm)	AN (mm)	AL (mm)
UPA-UV-1500	774	474	1600
UPA-UV-3000	774	779	1600
UPA-UV-4500	1079	779	1600
UPA-UH-1500	1450	774	479
UPA-UH-3000	1450	1366	479

Data subject to change without prior notice

Horizontal Unit



Drive modules



Model	L (mm)	AN (mm)	AL (mm)	D (mm)	Number of ducts
MS-UPA-1500	774	474	324	250	2
MS-UPA-3000	774	779	490	250	4
MS-UPA-4500	1079	779	490	250	6

Filtering

These air purification units are equipped with filters capable of removing at least 70% of particles larger than 0.4µm.

The standard model comes with a first G-4 filter stage and a final F-9 filter, it also incorporates as standard, an activated carbon stage, de-

signed to remove stale odours produced during everyday use of the premises.

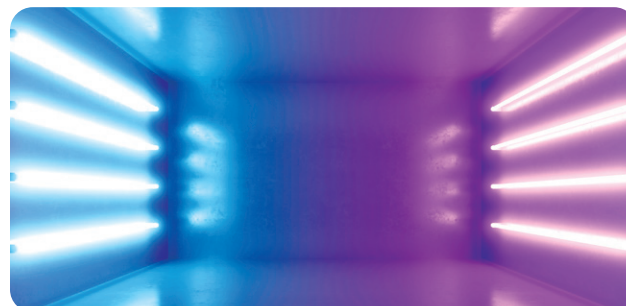
Optional type H13 or H14 HEPA filters can be installed with a minimum retention capacity of 99.95% for particles larger than 0.3µm.

Germicidal lamp

On request, these purification units can be supplied with an integrated germicidal chamber using UV "C" lamps, in the spectrum of 256 nm wave amplitude to deactivate a wide variety of microorganisms by absorbing short wavelength energy through DNA and RNA.

Model	Germicidal chamber UVc	
	(Number of lamps)	(W)
CG-UV-1500	2	9,8
CG-UV-3000	4	19,6
CG-UV-4500	4	70
CG-UH-1500	2	9,8
CG-UH-3000	2	30

W = Effective power of UVc radiation



Accessories

- Equipped with wheels.
- Drive module with front grille.
- Drive module with ducts.

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