

AIR-100-PM

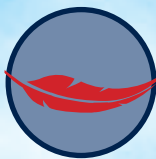
FILTER FAN UNITS



KEY POINTS



Easily replaced absolute filter



Lightweight: the box and fan are entirely made from aluminium



Plug & Play



Low energy consumption



Maintenance free



Economic and functional solution for the realization of small controlled contamination areas; the dowries of lightweight and hardness join to the very reduced consumptions thanks to the fans with EC technology.

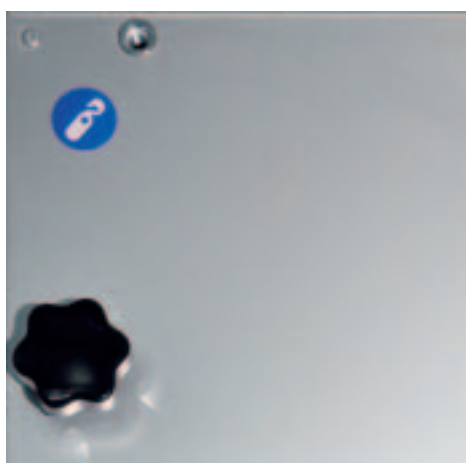
APPLIANCES

Cleanrooms and Laminar Airflow Systems for the Microelectronic, Electronic, Optical, Mechanical, Aerospace, Pharmaceutical, Medical industries and Hospitals.



COMPONENTS' DESCRIPTION

- **Container box:** in anodised aluminium plate, suitable bent and stiffened to create a strong and rigid structure.
- **Flat prefilter** G4 efficiency in compliance to EN779 standard.
- **Radial electric fan**, with an EC electric motor, coupled directly to an aluminium rotor with inverted blades.
- **EC Controller** built into the fan to action, control and regulate it.
- **Absolute filter** with low pressure drop, H14 or U15 class, in accordance to EN1882:2009 standard, Frame thickness 66 mm, 90 mm or 110 mm.



OPTIONAL ACCESSORIES

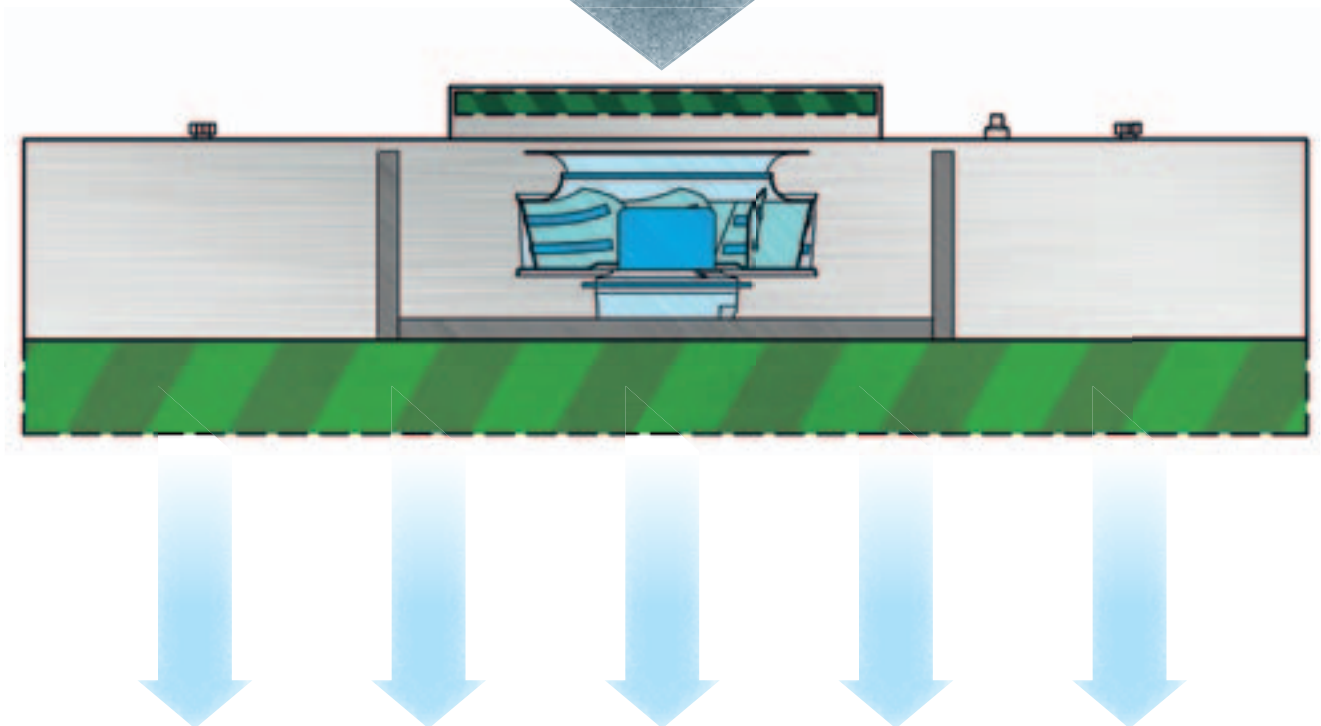
- Made in stainless steel.

COUPLED FILTERS

TYPE FFU	TIGHTNESS		EFFICIENCY			HEIGHT mm		
	DRY	WET	H14	U15	U16	66	90	110
6P6	●	●	●	●	●	●	●	●
6P12	●	●	●	●	●	●	●	●
12P12	●	●	●	●	●	●	●	●

- Available
- Not available

DIMENSIONS



TECHNICAL DATA

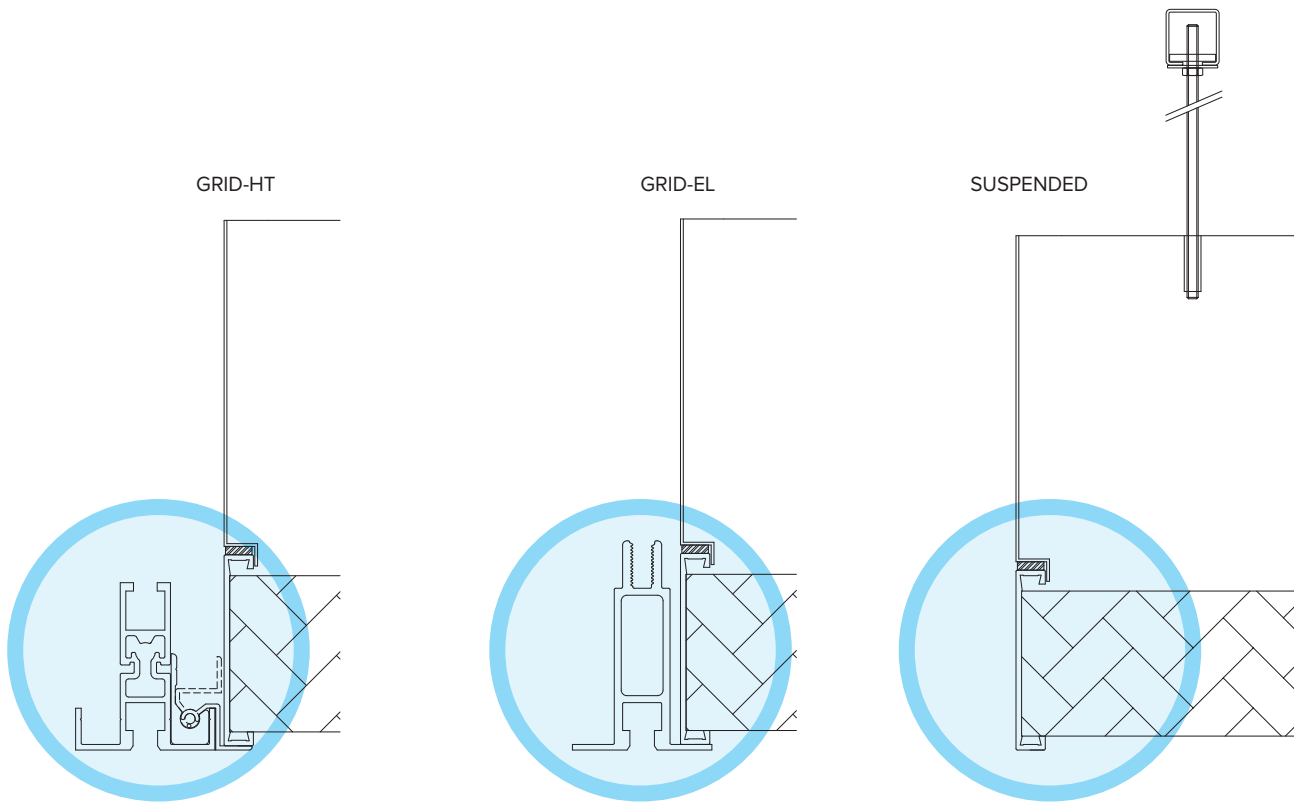
TYPE	FFU dimensions mm	Grid pitch mm	Power W			Sound level dB(A)		Air volume	Pressure Pa	Weight Kg
	LxPxH	LxP	Rated	0,30 m/s 80 Pa	0,45 m/s 120 Pa	0,30 m/s 80 Pa	0,45 m/s 120 Pa	m³/h	Max	*
6P6	610x610x240	630x630	430	15	26	49	54	545	600	15
6P12	610x1220x240	630x1240	430	26	66	52	59	1118	600	21
12P12	1220x1220x320	1240x1240	370	65	175	54	61	2294	350	45

* Filters not included

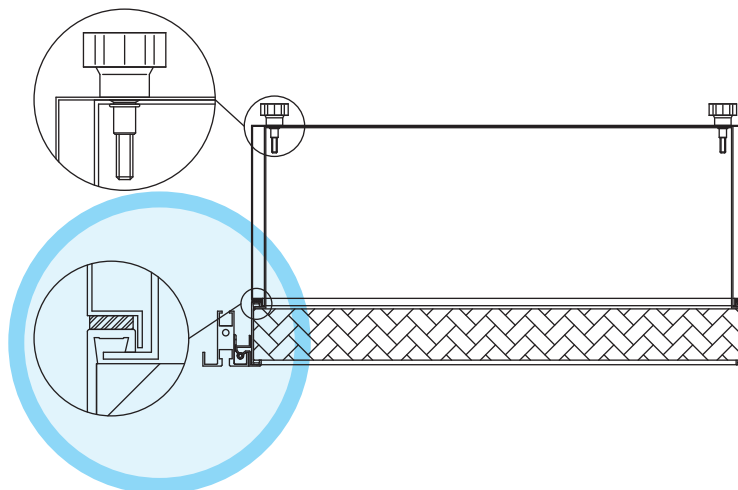
Power supply: 200÷277 Vac - 1N - 50/60 Hz


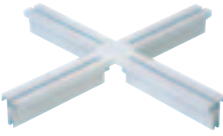



CONSTRUCTION DETAILS

INSTALLATION



FILTER TIGHTENING SYSTEM



CLEAN ROOMS	DEDICATED SYSTEMS	CLEAN ROOM COMPONENTS	SPECIAL EQUIPMENT	PLANT
 MICROELECTRONICS	 PRINTED CIRCUITS	 FALSE CEILINGS	 AIR SHOWERS	 CONDITIONING
 ELECTRONICS	 BOTTLING	 MOTOISED FANS	 TRANSFER HATCHES	 SUCTION
 PHARMACEUTICAL	 HOSPITALS	 WALLS	 CLEAN CABINS	 AIR DUCTING
 HOSPITALS	 PHARMACEUTICAL	 FLOATING FLOORS	 DUST REMOVAL	
 BOTTLING	 FOOD	 CEILING FIXTURES	 CHANGING ROOM FITTINGS	