

# AIR-2-HC

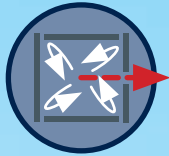
FILTER FAN UNITS

  
**Galvani**<sup>®</sup>  
*Clean technology*



MADE IN ITALY

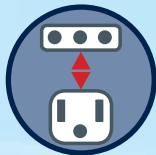
# KEY POINTS



Negative pressure chamber: no contamination due to imperfect seal of the filter gaskets



Low energy consumption



Powered by either European or American standard supply



PLC remote control



Maintenance free fan



The independent Filter Fan Units of the AIR-2-HC series have been developed from the AIR-2-AS: they maintain the main construction characteristics and the difference lies in the adoption of high capacity absolute filters and therefore the possibility of developing greater capacities with the same plant dimensions. They are equipped by a complete command, control and protection system built into the Unit, which eliminates all the control equipment that is normally mounted on the Filling Machine control board and EC intelligent fan. Easy to install and maintain, the AIR-2-HC series Filter Fan Units offer cutting edge technology for the Food & Beverage Industry.

## APPLIANCES

Isolators and Laminar Flow Systems for Food & Beverage Industries.



## COMPONENTS' DESCRIPTION



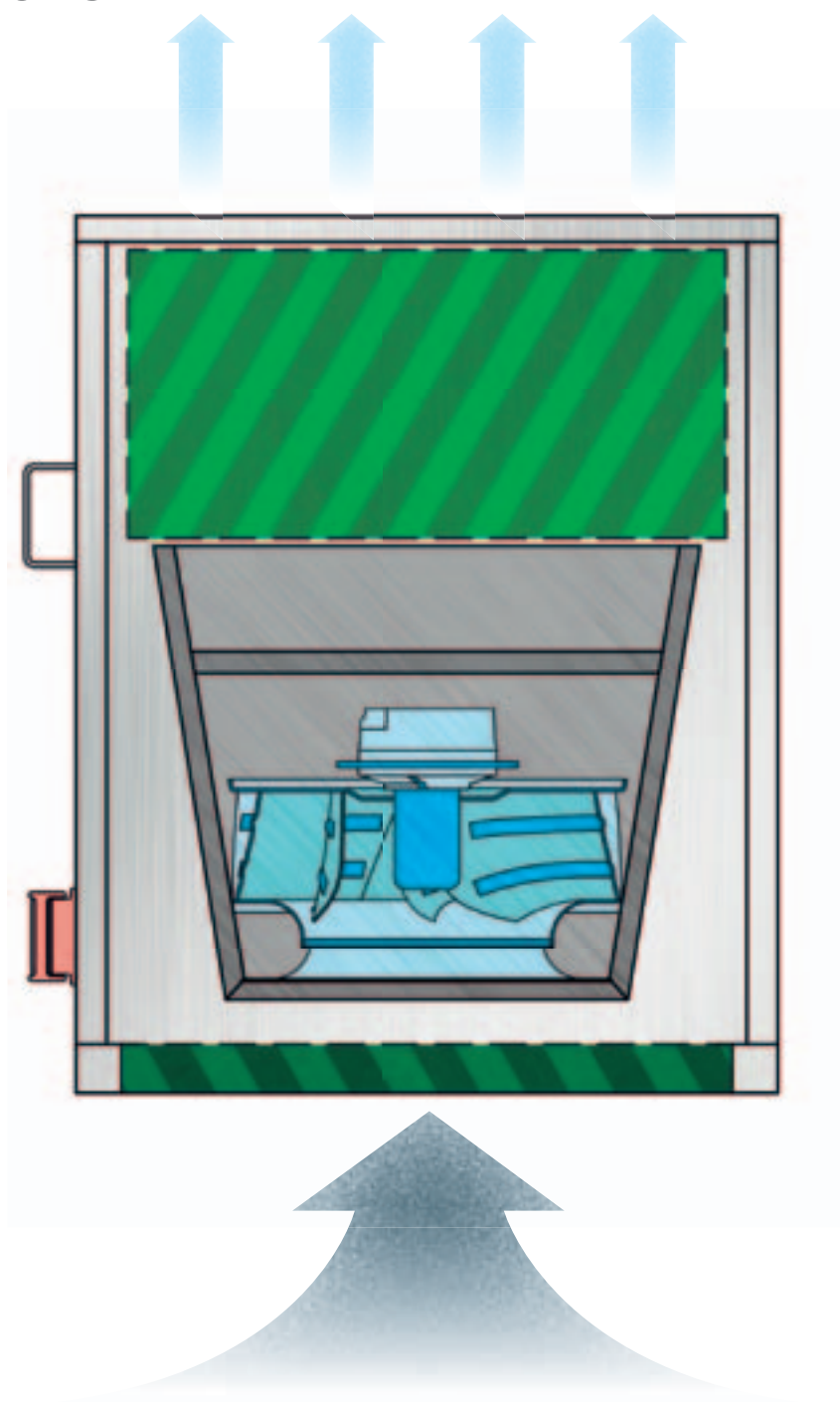
- **Container box** in stainless steel sheet AISI 304, sturdy construction, reinforced at critical points to prevent mechanical resonance of the whole.
- **Flat disposable pre-filter** G4 class in accordance to EN 779:2012 standard.
- **Radial electric fan**, with an EC electric motor, coupled directly 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, EN 1882 class.
- **Electrical panel** built into the unit to action, control and protect it.
- Differential fan and filter status **pressure switches**.

## OPTIONAL ACCESSORIES

- **Pocket filters**, F9 class, in compliance with the EN779 standards, complete with stainless steel filter-holder housing
- **Bus interface**: through the BUS interface the unit can communicate with all the more common industrial protocols.



# DIMENSIONS



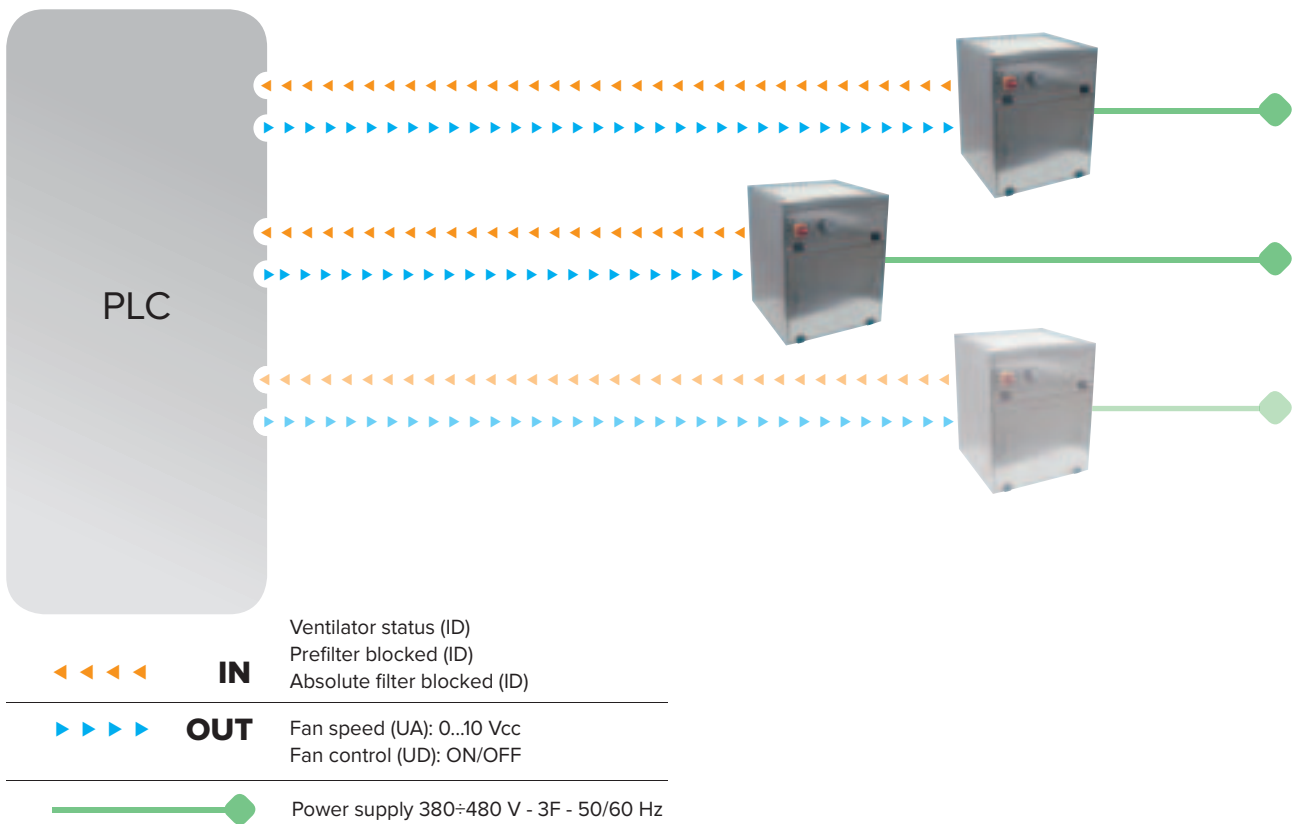
# TECHNICAL DATA

TYPE	FFU dimensions mm	Air volume	Power W		Sound level	Total pressure	Weight*
	LxPxH	m <sup>3</sup> /h	Max	Rated	dB(A)	Pa	Kg
6P12	680x680x850	2500	3200	380	66	1500	106

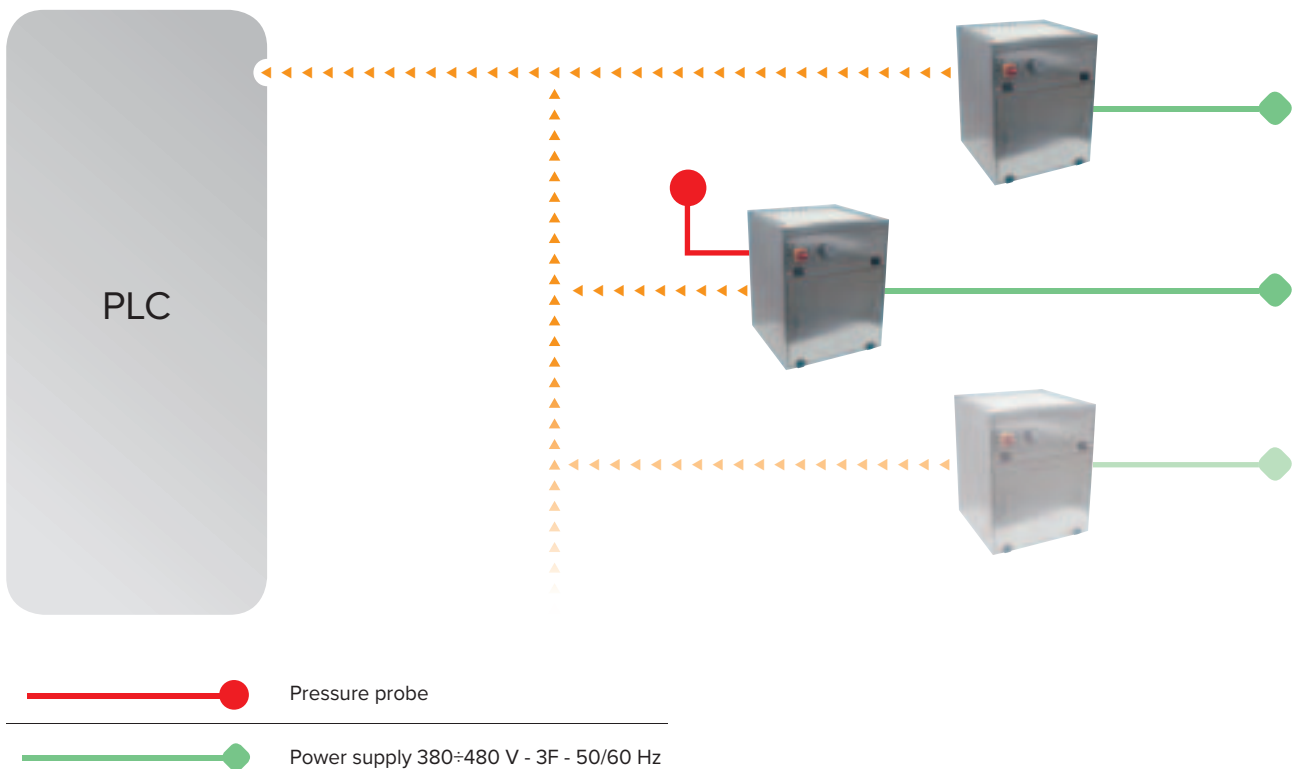
\* Filters not included


# FUNCTIONAL SCHEME

## STANDARD Version



## BUS Version



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	