

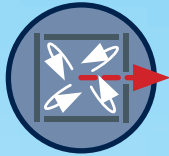
AIR-2-AS

FILTER FAN UNITS

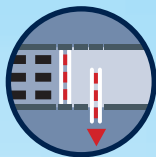

Galvani[®]
Clean technology



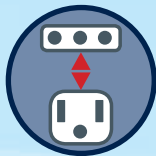
KEY POINTS



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



Individually removable double
absolute filtering stage



Powered by either European or
American standard supply



PLC remote control



Maintenance free fan



The independent Filter Fan Units of the AIR-2-AS series have been especially designed to be used on Aseptic Filling Machines where, apart from the usual flow and pressure values, it is necessary to guarantee a higher level of reliability and efficiency of the filtering system higher than that for normal Beverage applications. The AIR-2-AS Units are equipped with two absolute filters fitted in series in a container maintained constantly under negative pressure to prevent the possibility of any leak in one or more gaskets generating contamination inside the Filler. The AIR-2-AS series units are equipped with incorporated electric control panel to dialogue with the Filler PLC.

APPLIANCES

Isolators and Laminar Flow Systems for Food & Beverage Industries.



COMPONENTS' DESCRIPTION



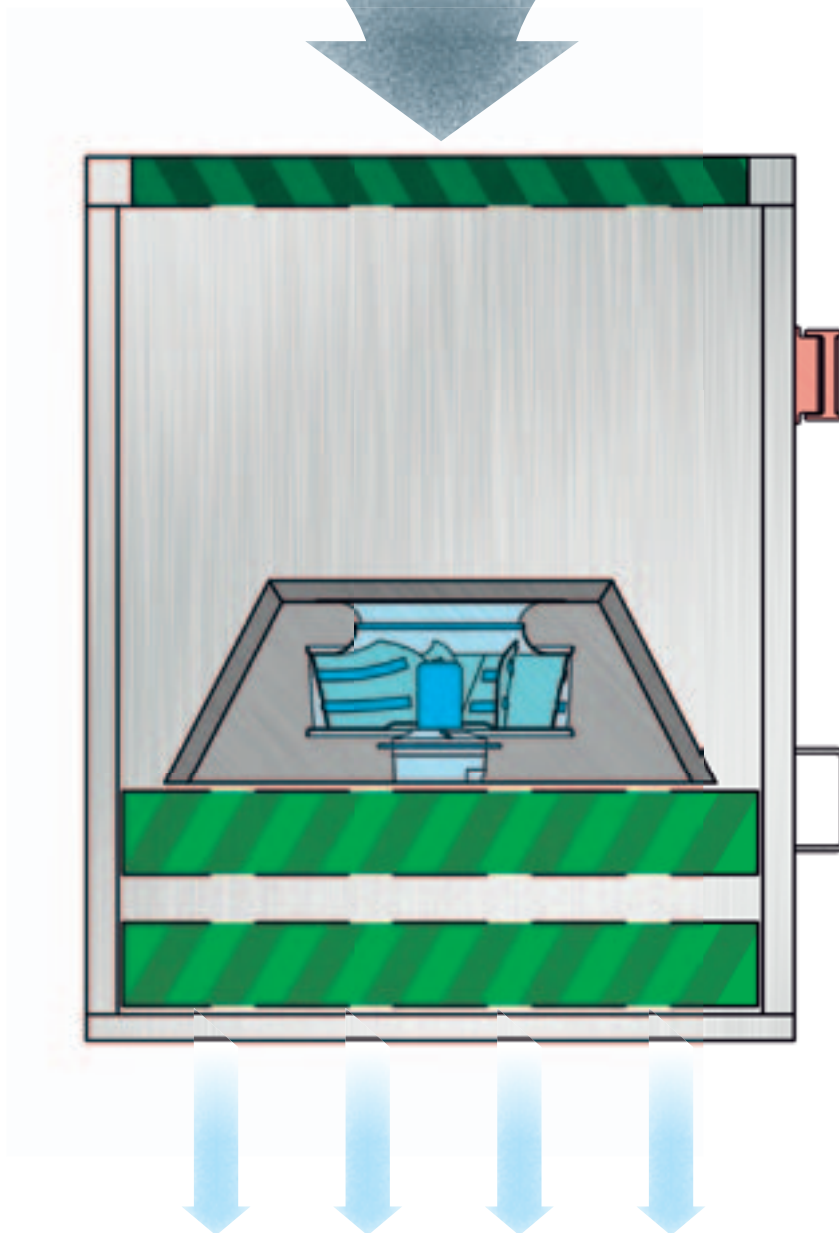
- **Container box:** in stainless steel sheet AISI 304, sturdy construction, reinforced at critical points to prevent mechanical resonance of the whole.
- **Flat disposable pre-filter** F7 class, in accordance to EN 779:2012 standard.
- **Radial electric fan**, with an EC electric motor, coupled directly to an aluminium rotor with inverted blades.
- **EC Controller** built into the fan to action, control and regulate it.
- **Absolute filters** PTFE type U15 class in accordance to EN 1882:2009 standard.
- **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 accordance to EN779:2012 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



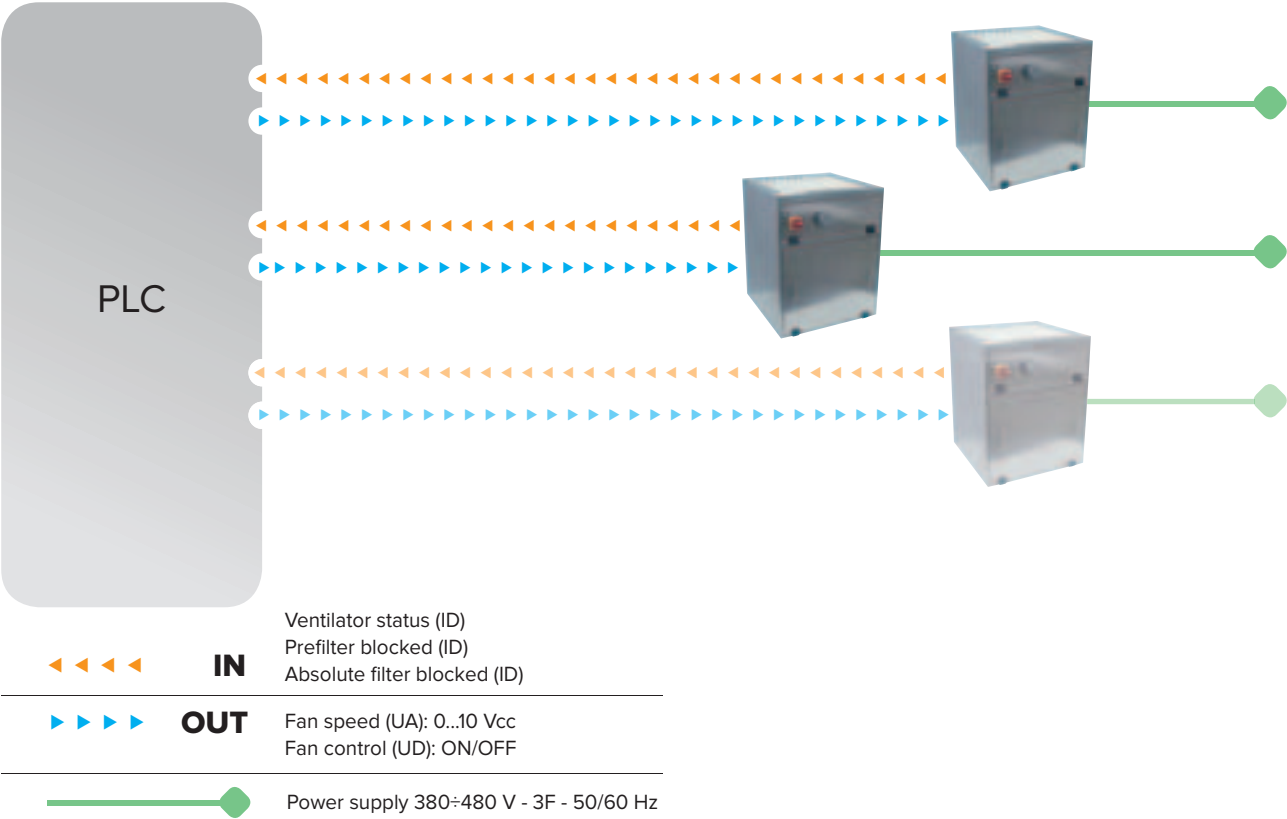
TECHNICAL DATA

TYPE	FFU dimensions mm	Air volume	Power W		Sound level	Total pressure	Weight*
	LxPxH	m ³ /h	Max	Rated	dB(A)	Pa	Kg
6P6	680x680x850	600	485	125	55	900	62

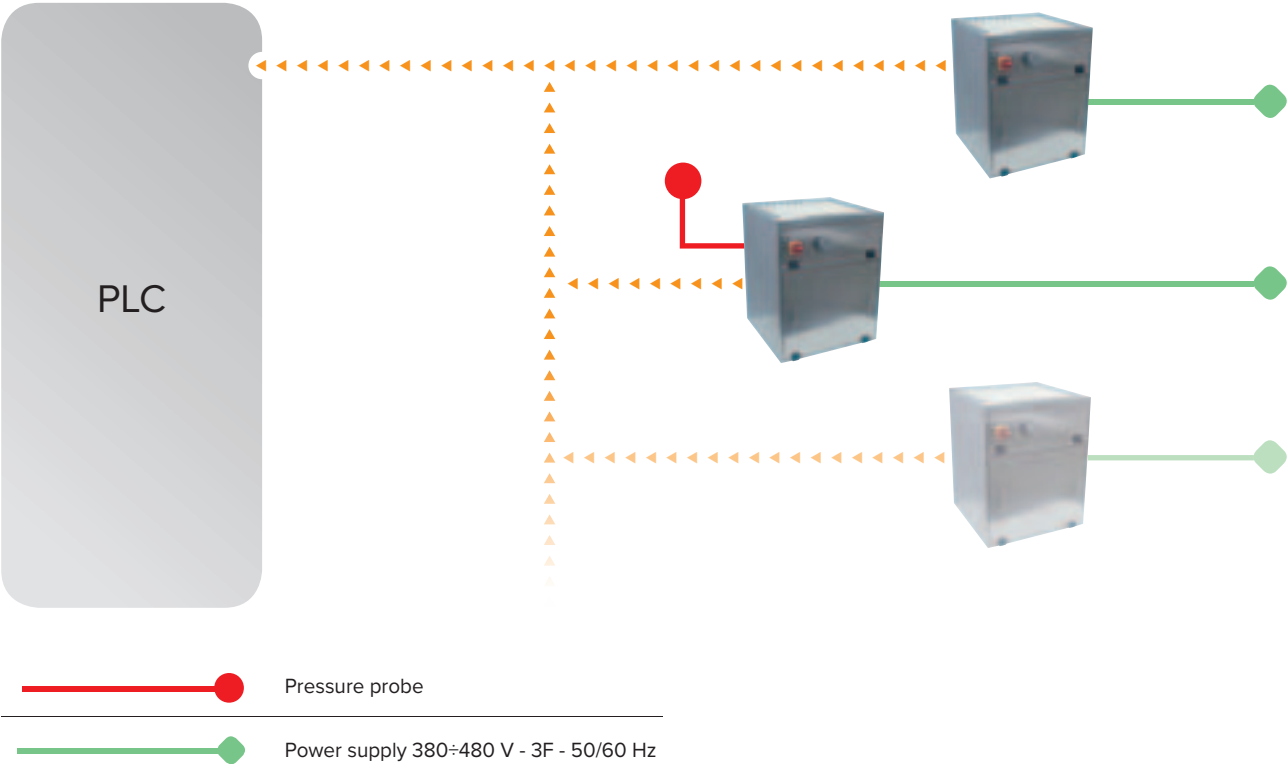
* Filters not included


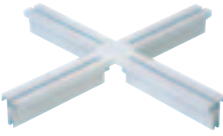



FUNCTIONAL SCHEME

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	