



*FAN AIR MODULE
FAM 6000E - 400-3-50 Hz*



Fig. 1 - Ceiling Application of FAM 6000-E

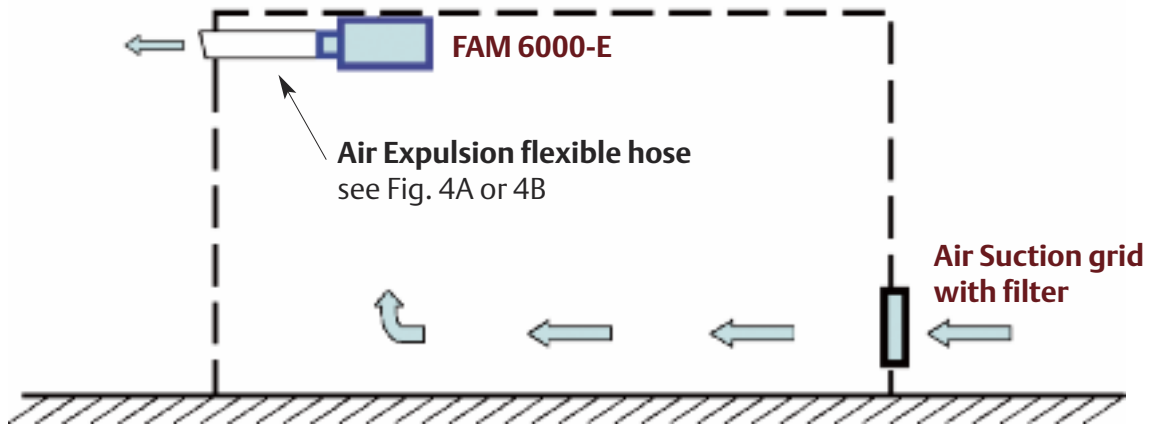
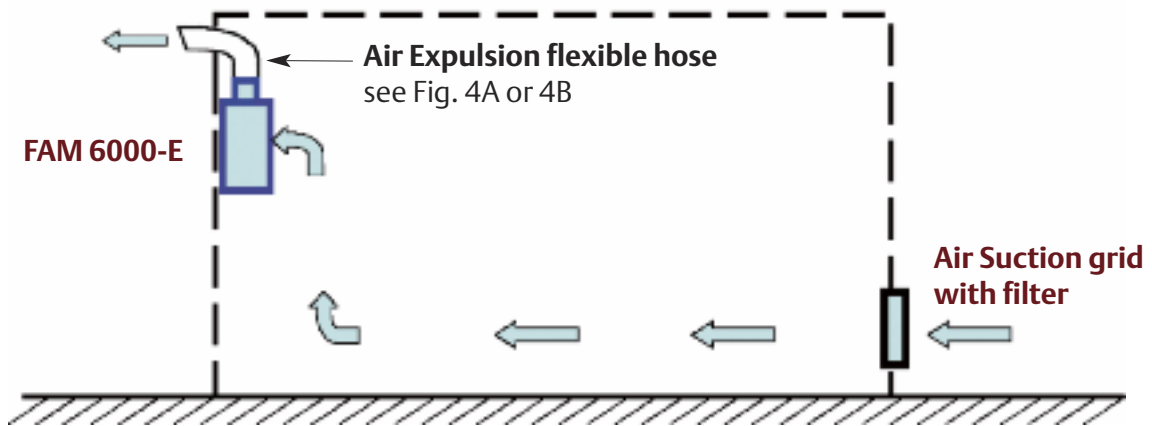


Fig. 2 - Wall Application of FAM 6000-E



Installation and connections

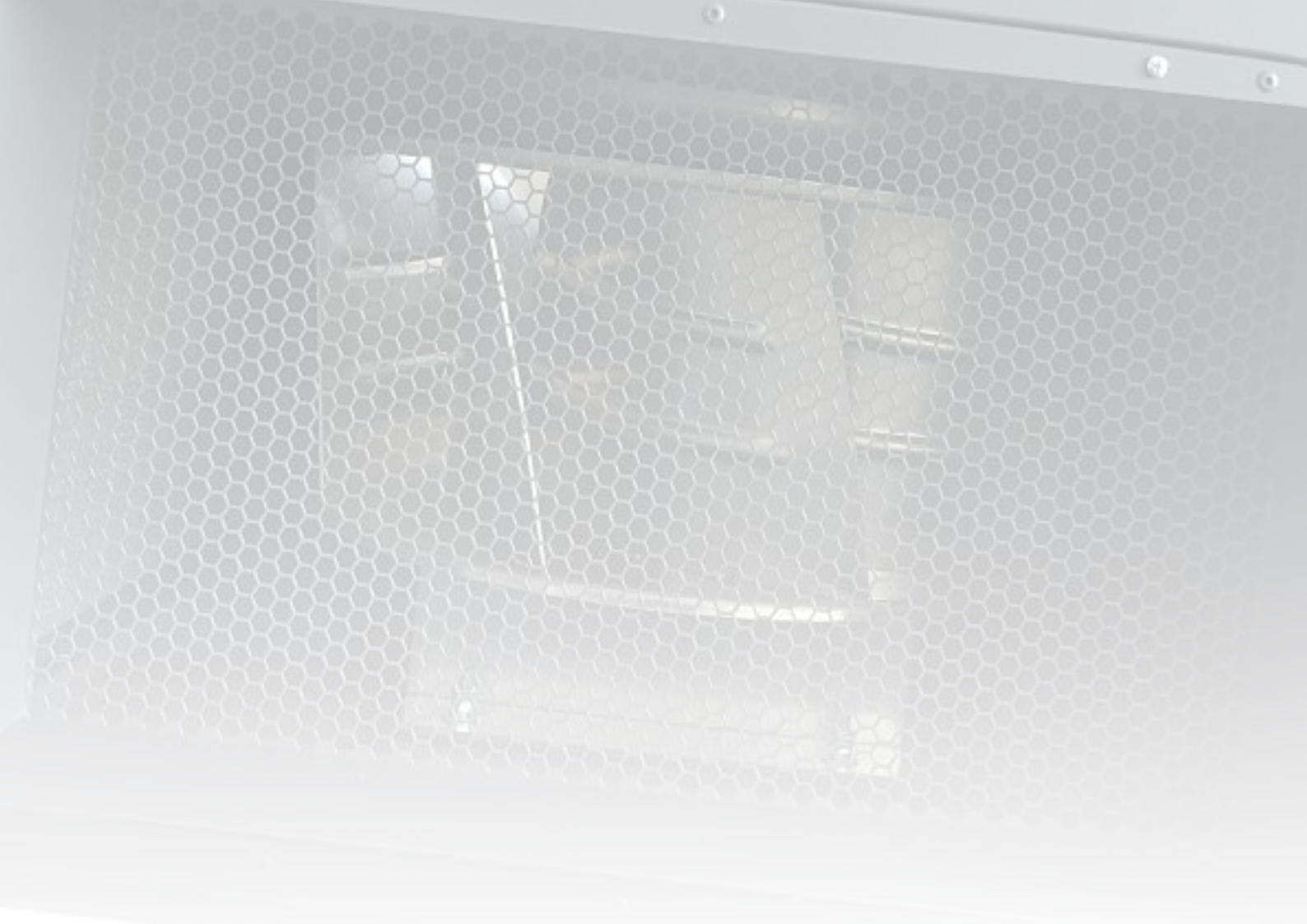
The FAM module could be installed:

- A) **on the ceiling** of the room (in vertical position) using the base frame fixing holes.
Note: Do not fix the Module at light ceiling, generally not suitable to static and dynamic functioning of the FAM module.
- B) **on an internal wall** of the room (in vertical position) using the base frame fixing holes.
Note: Do not fix the Module at light walls, generally not suitable to static and dynamic functioning of the FAM module.

Description of FAM 6000-E 400 VAC

The module is made by a steel box (see Fig. 4A or 4B), stove varnished, that includes:

- a) **EC Centrifugal fan**, directly coupled to a variable speed motor, with different air flows and head pressure.
This motor is equipped with internal thermal relay, with automatic reset, that intervenes in case of electrical or mechanical troubles.
- b) **Protection box terminal and ON-OFF switch** to supply the FAN at 400-3-50 Hz + earth.
- c) **Fan continuous speed regulator**, 0-10 VDC
- d) **Air discharge flange**, with net, suitable for flexible duct.



TECHNICAL CHARACTERISTICS OF FAM 6000-E 400-3-50 Hz + earth

Characteristics	Unit of measure	Value
Air flow (at 21 °C, density = 1.2 kg/m ³)	m ³ /h	6000 (nominal)
Air outlet connection flange (for flexible hose)	mm	see Fig. 4A or 4B
Electronically controlled Fan (EC Fan)	N°	1
Electric Supply (VAC +/- 10%) (EN 60204 - 1)	V/Ph/Hz	400/3/50
Max Operative Power input	kW	1,51
Min Electric absorption	A	0,1
Max Electric absorption FLA	A	4,0
FAM Module protection (net)	mm	net 10x10
Weight (air filter included)	kg	45
Limits of use	-20°C ÷ +50°C	

Layout of FAM 6000-E (with Circular Air Expulsion flange: CAE version)

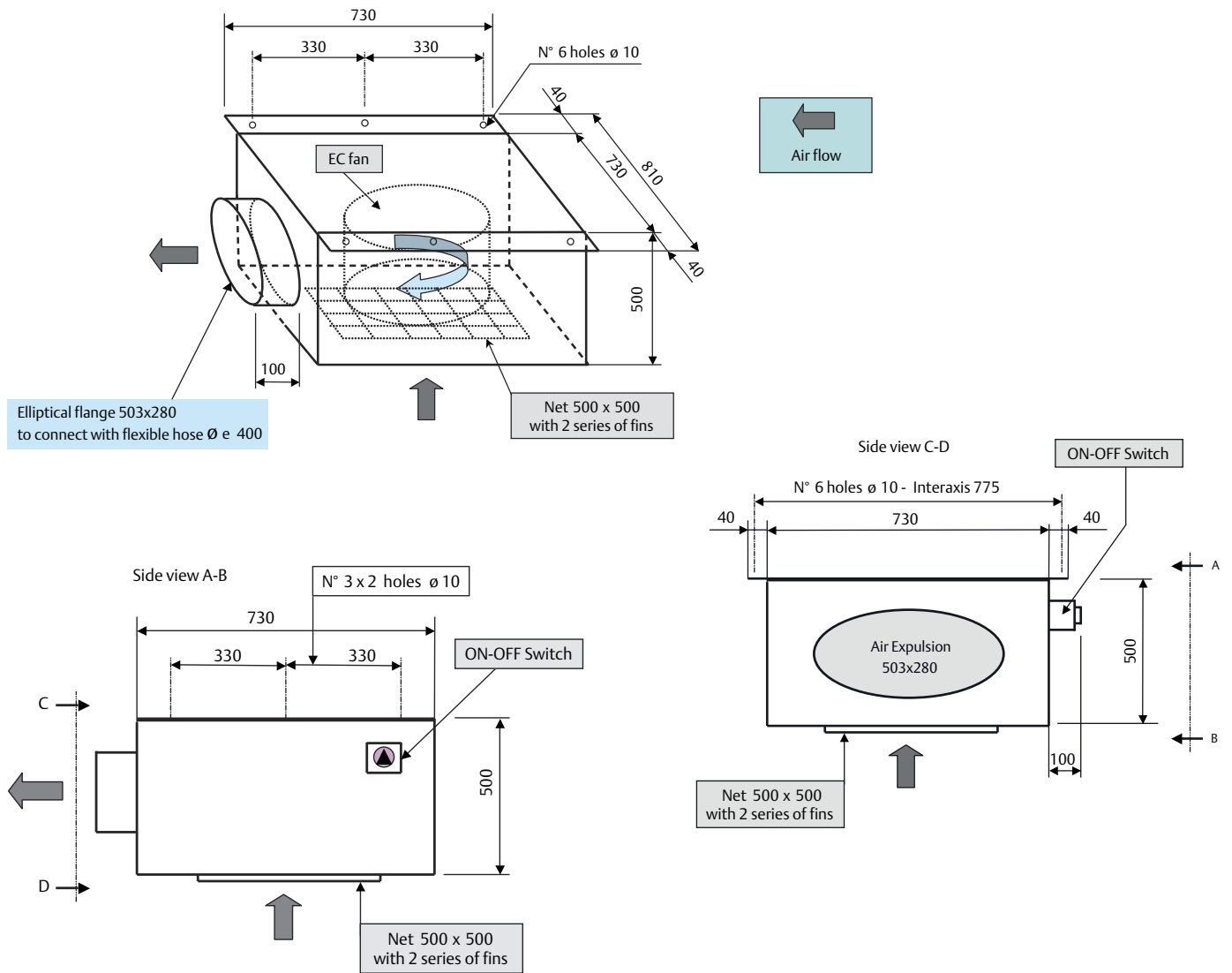


Diagram power supply and control for FAM 6000-E

