



FAN AIR MODULE
FAM 18000I - 400-3-50 Hz



FAM 18000-I (UNDER version)
Air distribution with overpressure motorized damper

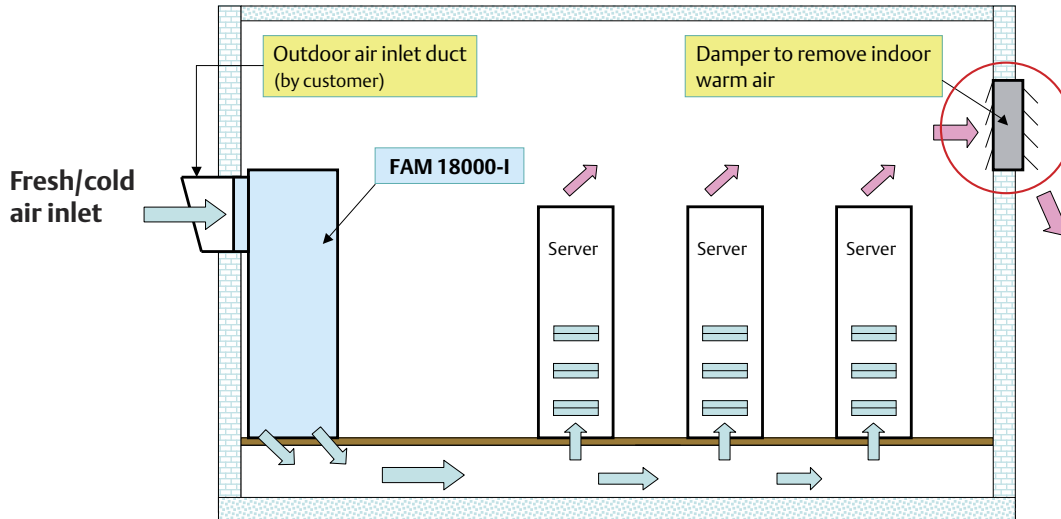
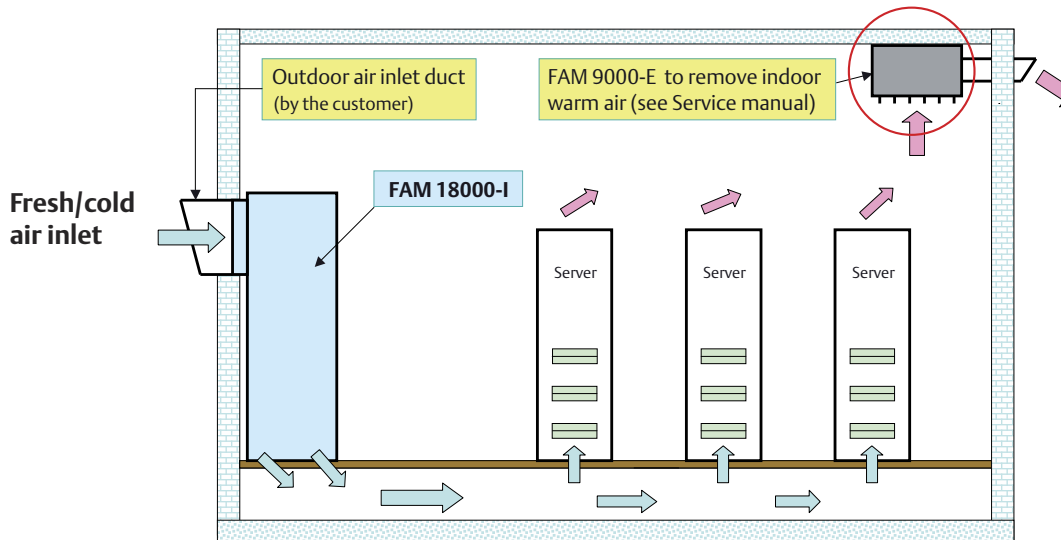


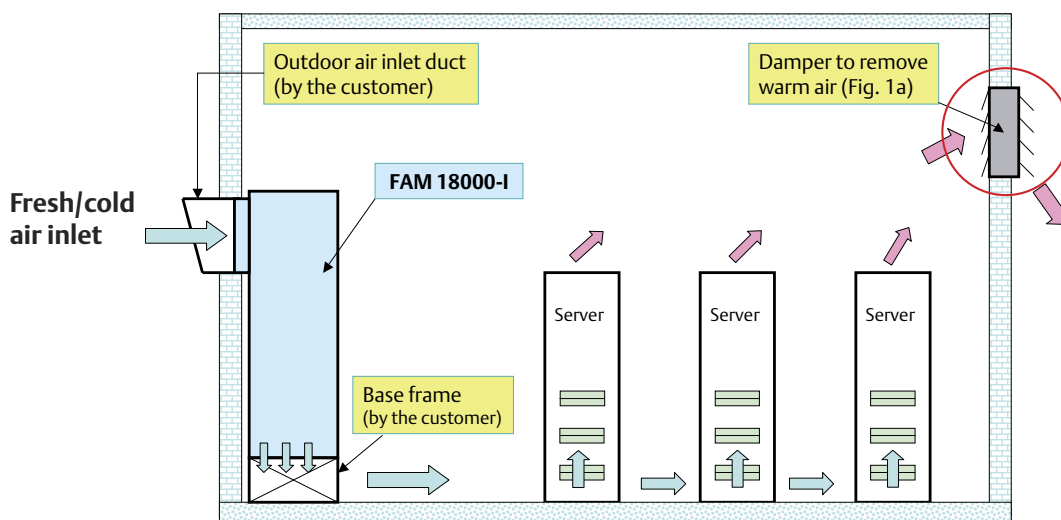
Fig. 1a Motorized damper



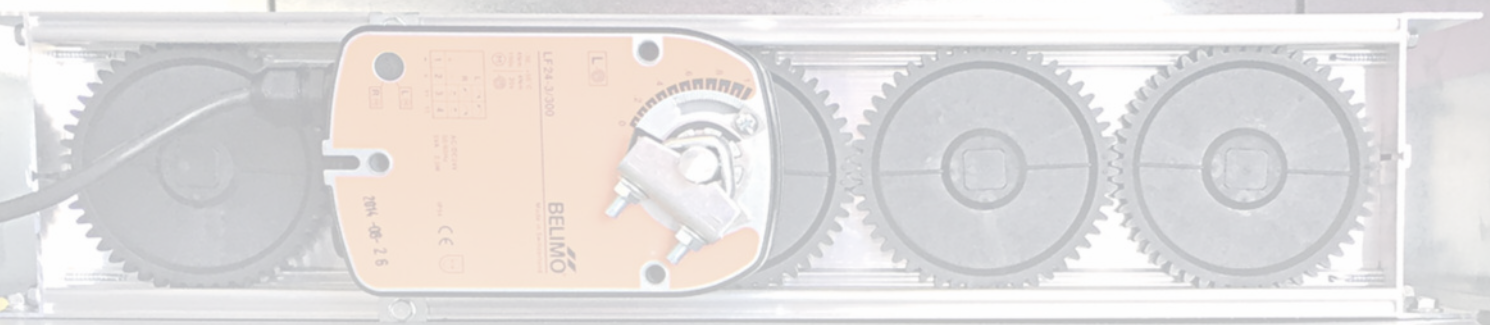
FAM 18000-I (UNDER version)
Air distribution with FAM 18000-E



FAM 18000-I (DISPLACEMENT version)
Air distribution with overpressure motorized damper



Note Motorized damper see Fig. 1a



TECHNICAL CHARACTERISTICS OF FAM 18000-I 400-3-50 Hz + earth

Characteristics	Unit of measure	Value
Air flow (at 21 °C, density = 1.2 kg/m ³)	m ³ /h	18000 (nominal)
ESP (External Static Pressure)	Pa	600
Electronically controlled Fan (EC Fan)	n°	2
Electric Supply (VAC +/- 10%) (EN 60204-1)	V / Ph /Hz	400 / 3+N / 50
Max Operative Power input	kW	6,00
Speed	min. ¹	1650x2
Max Electric absorption FLA	A	8,0
Dimensions (W x D x H)	mm	670x1550x1950
Weight	kg	410
Limits of use	°C	-25 ÷ +65

FAN AIR MODULE FAM 18000-I



Description of FAM 18000-I

The module is made by a steel box, 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, electronic control, thermal overload or mechanical troubles.
- b) **Microprocessor** control device.
- c) **Optimization of Air flow** through **continuous speed regulator**, 0-10 VDC.
- d) **Direct cooling** with outside air.
- e) **Structure in sandwich panels**, class A0 / A1
- f) **Pocket high capacity filter**, preceded by a **metal prefilter**