

CONVOYAIR

Modular laminar flow cabinet

Made in France



According to
standard :
ISO 14644



**PROTECTION
OF
MANIPULATION**

These laminar flow boxes are designed to be assembled according to the requested configuration.

■ CHARACTERISTICS

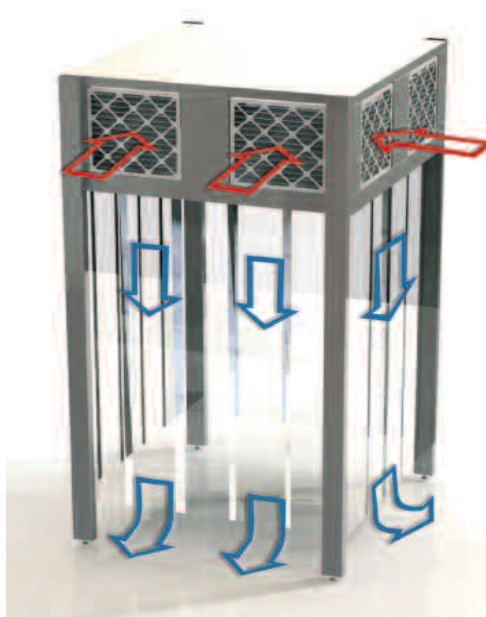
- 304L stainless steel structure
- 2 filtration stages
- Automatic regulation of the flow
- Vinyl curtains
- Support frame
- Scalable configuration
- Sound level < 60 dBA

■ USES

- Agribusiness
- Pharmaceutical
- Hospital
- Mechanical microphone
- Plastics
- Etc ...

■ PRINCIPLE

These modules are mechanically assembled to each other thus offering a great flexibility for use.



The entire working volume is swept by an ISO class 5 laminar flow (double filtration stage: G4 pre-filter and absolute filter H14). The flow velocity of air and overpressure ensure the protection of the handling. Vinyl curtains channel the airflow and materialize the volume of work.

Between two uses, the standby ensures the cleanliness of the area.

COMMISSIONING AND MAINTENANCE PROVIDED BY THE MANUFACTURER ADS LAMINAIRE

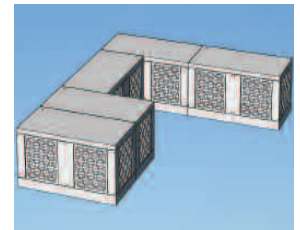
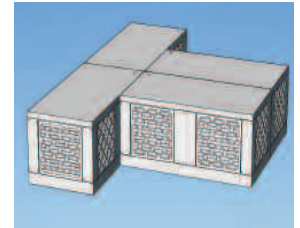
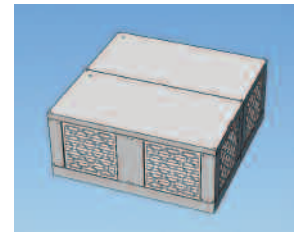
ECM FAN

The automatic flow control compensates for the clogging of the absolute filter and thus ensures a constant air flow. The ECM fan is powered by direct current and has many advantages:

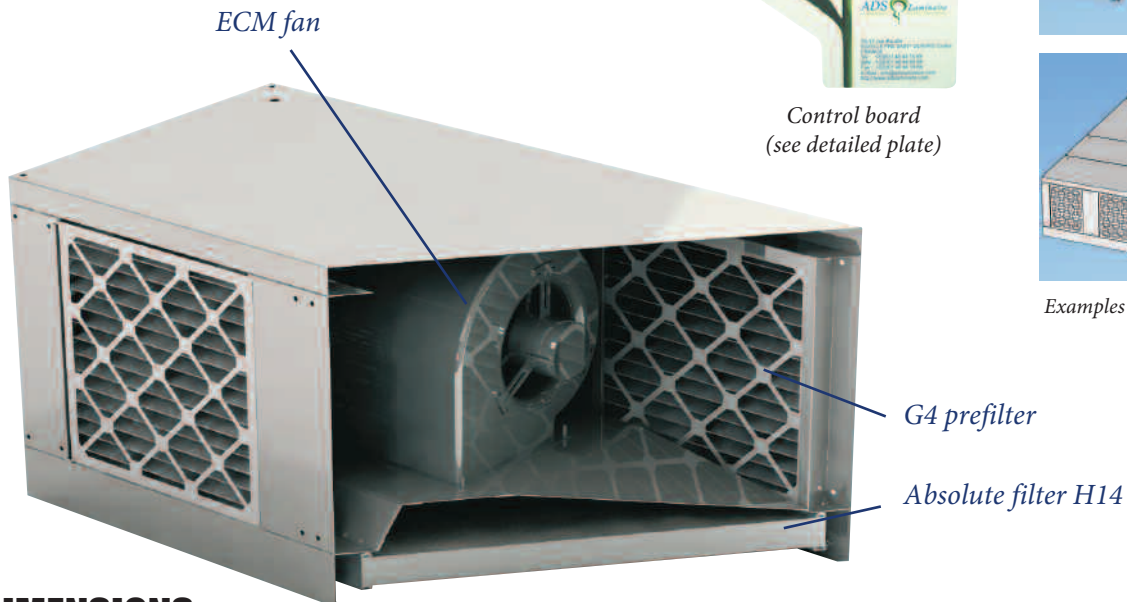
- Low consumption: reduced from 30% to 40% compared to conventional fans
- Very high efficiency
- Low heat loss
- Regulation without sound (speed or pressure) independent of surrounding conditions
- Very high precision



Control board
(see detailed plate)



Examples of configurations



DIMENSIONS

Dimensions (mm)	CONVOYAIR CX 6/12	
	Useful	Overall
length	1220	1360
Width	610	680
Box height	600	
Weight (Kg)	80	
Debit (m ³ /h)	1350	

Documents:

The following documents are delivered on delivery:

- Certificate of conformity
- 5 W XLS V A X G S S F W
- 7 Y [e Z g e S W [a a] W

OPTIONS

- Lighting
- Hanging rings
- Base on wheels
- Remote control panel
- inactinique Lighting
- Rigid walls
- Computerized management (centralized by PC)
- ULPA filter (ISO4 class)
- ADF - ATEX
- 110 V
- Centralized management system

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