



## Low Profile Acoustic Cabinet Fans CAB ECOWATT PLUS Series

### CAB-ECOWATT-PLUS

Low profile acoustic cabinet fans, manufactured from galvanised sheet steel and internally lined with 50mm thickness of fireproof acoustic fiberglass insulation (M0), with sound-absorbent insulation at the inlet. All models incorporate inlet and discharge circular duct connection flanges with integrated rubber air seal. Direct drive backward curved centrifugal fan.

#### Motor

Brushless EC motor with high efficiency and low consumption, supply 230V +/- 10%-50/60Hz, IP44, ball bearings, thermal protection and ON/OFF switch.

#### Additional information

Working temperature between -20°C up to +40°C. This cabinet fan is suitable for mounting in any orientation and designed for indoor use.

#### Integrated control

It is supplied with integrated plug&play control, pre-configured to work at constant pressure (COP) with the following pressure setpoint depending on the model:

- CAB-125: 100 Pa
- CAB-150 a 315: 150 Pa
- CAB-355 and 400: 200 Pa

By acquiring the programming console PROSYS ECOWATT, there will be access to the settings of constant pressure mode (COP) in addition to other 3 modes:

- Constant airflow (CAV)
- Proportional (VAV)
- Minimum-Maximum
- Timer (in combination with TIMER RTC accessory).

#### Constant pressure mode (COP)

- Minimum speed of fan between 0-50%
- Maximum speed of fan between 50-100%
- Night position adjustable between 25-100% of pressure at maximum speed.

#### Constant airflow mode (CAV)

(except 125 model)

- Minimum speed of fan between 0-50%
- Maximum speed of fan between 50-100%
- Night position adjustable between 25-100% of airflow at maximum speed.

#### Proportional mode (VAV)

- Up to 2 analogue inputs, 0-10V or 4-20mA.
- Maximum demand selection when 2 analogue inputs are connected
- Minimum speed of fan between 0-50%
- Maximum speed of fan between 50-100%
- Alarm relay output

#### Minimum-maximum mode

- Digital input to select speed
- Minimum speed of fan between 0-50%
- Maximum speed of fan between 50-100%

#### Timer (RTC)

By acquiring TIMER RTC accessory jointly with programming console PROSYS ECOWATT the unit can be set to work in time bands.

- Until three daily periods with the desired instruction.
- Holiday period.

#### Modbus RTU

This series is able to be controlled and displayed via Modbus-RTU network.



## Attributes



**ON-OFF switch**



**Low noise level**

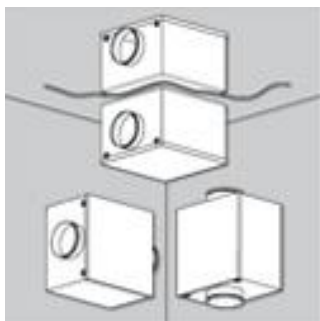
Acoustic insulation of 50 mm thickness fireproof fibreglass (M0) with a high resistance coating reducing the noise level significantly.



**Sound-absorbent insulation at the inlet.**



**Direct drive backward centrifugal impeller**



**Installation in any orientation**

Possibility to be installed upright, horizontal or inverted.