



# Roof mounted fan. Integrated control fan **CTB ECOWATT PLUS Series**

**CTB/4-400/160 ECOWATT  
PLUS (230V50/60HZ) VE**



Range of centrifugal roof mounted fans in horizontal discharge format which are mounted directly above a circular duct for the ventilation of housings and small enclosures. Centrifugal backward curved impeller in galvanised sheet steel. Galvanised steel sheet housing protected by black epoxy polyester paint. All models are fitted with bird proof guard. Duct connection flange with integrated rubber air seal, EC external rotor motor, thermal protector, and ON-OFF switch IP55.

## **Integrated control**

- Remote control, to adjust settings, as accessories.
- Possibility to connect up to 32 fans with each other to design a fan network which can be adjusted and controlled with only one remote control.
- 2 analogue inputs, 0-10V or 4-20mA.
- 1 digital input (Night position).
- Mini-maxi operating mode.
- Main supply: 1-230V±15% 50/60Hz.

## **Constant pressure operating mode**

- Minimum fan speed between 0-50%.
- Maximum fan speed between 50-100%.
- Night position adjustable between 25-100% of the pressure in high speed.

## **Constant volume operating mode**

- This mode is not possible with CTB-400/160 ECOWATT PLUS.
- Minimum fan speed between 0-50%.
- Maximum fan speed between 50-100%.
- Night position adjustable between 50-100% of the volume in high speed.

## **Proportional operating mode**

- 2 analogue inputs 0-10V or 4-20mA.
- The control operates in function of the maximum demand parameter.
- Minimum fan speed between 0-50%.
- Maximum fan speed between 50-100%.
- Alarm relay output.

## **Min-max operating mode**

- Function of the contact position connected to digital input, the fan runs at high speed or at low speed.
- Minimum fan speed between 0-50%.
- Maximum fan speed between 50-100%.

## **+ Attributes**



ON-OFF switch IP55



**Bird proof guard**  
Steel finger proof guard in galvanised sheet.



**Remote control**  
**PROSYS ECOWATT**  
To modify parameters and

adjust setting values.

## + **Acoustic characteristics**

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## + **Technical characteristics**

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## + Dimensions

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11

## + Curves

