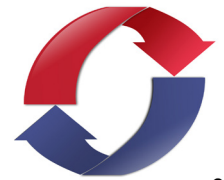


CECx Calecon Destratification Fans

Industrial & Commercial Heating Systems.



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CE

HEATING // VENTILATION // AIR CONDITIONING

| Model | | CECx1400 | CECx2250 | CECx3350 | CECx4500 | CECx6500 | |
|-------------------------------------|----------------|------------------|----------|----------|----------|----------|-----|
| Air displacement | m³/s | 0.77 | 1.2 | 1.58 | 2.10 | 3.17 | |
| | m³/h | 2787 | 4320 | 5688 | 7560 | 11428 | |
| Mounting Height (maximum) | m | 6 | 12 | 15 | 17 | 25 | |
| Mounting Height (suggested minimum) | m | 2.1 | 2.8 | 3.8 | 4.1 | 6.0 | |
| Electrics | Supply | V/ph/Hz 230/1/50 | | | | | |
| | Start Current | amps | 1.3 | 2.9 | 3.1 | 5.6 | 5.7 |
| | Run Current | amps | 0.78 | 1.1 | 1.2 | 2.2 | 2.5 |
| Dimensions | Width | mm | 498 | 599 | 654 | 807 | 807 |
| | Depth | mm | 498 | 599 | 654 | 807 | 807 |
| | Overall Height | mm | 380 | 380 | 390 | 390 | 400 |
| Nett weight | kg | 16 | 22 | 25 | 29 | 33 | |

Note: Maximum mounting heights are based upon a terminal velocity of 0.5m/s

Introduction

CECx Calecon de-stratification fans are specifically designed to lower the fuel consumption of space heating systems and at the same time, improve comfort levels. The displacement of warm air from the roof void down into the working zone converts wasted heat into useful heat reducing fuel consumption as much as 15% depending upon the building height.

An additional benefit is the ability of the fans to enhance comfort levels by creating a uniform pattern of heat throughout the area within which they are installed.

CECx Calecon fans comprise of a panel box construction onto which is a resiliently mounted axial fan set which discharges warm air through an adjustable double deflection louvred grille.

Automatic thermostatic controls prohibit fan operation until the roof space temperature reaches a pre-determined level.

Installation is quick and easy with fans only requiring mounting via the four eye-bolts provided and the connection of an electrical supply.

Design

Step 1)

Select the CECx Calecon model fan to suit the mounting height requirements. Fans should be mounted approximately 1.0 – 1.5 metres below the roof line.

Step 2)

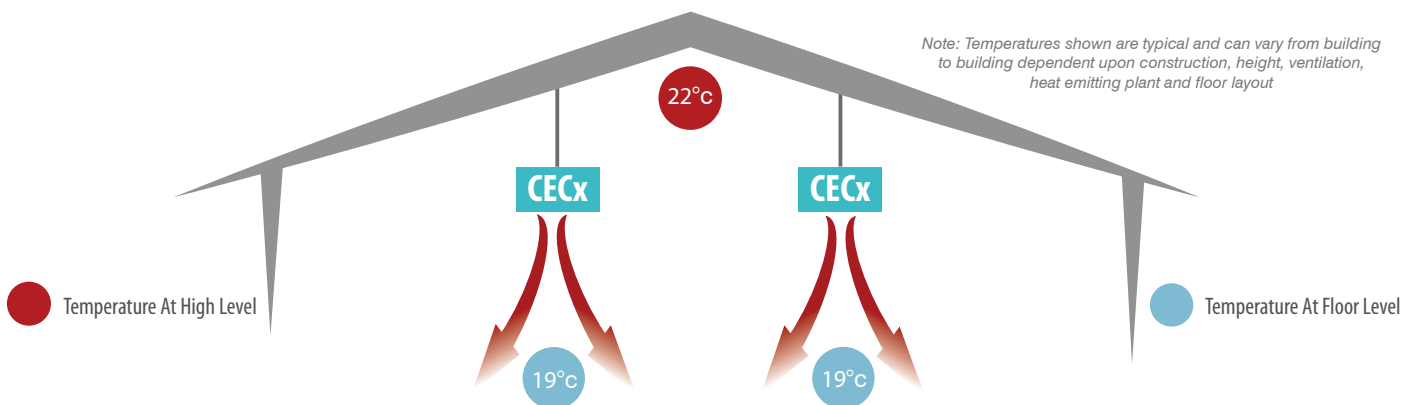
Calculate the building volume in cubic metres, multiply by 2 to determine the optimum air displacement.

Step 3)

To calculate the number of fans required divide the result of Step Two by the fan displacement (m³/h) shown in the table above.

Guarantee

CECx Calecon de-stratification fans have the benefit of a twelve months parts only guarantee.



Powrmatic Ltd
Hort Bridge
Ilminster
Somerset
TA19 9PS

tel: +44 (0) 1460 53535
fax: +44 (0) 1460 52341
e-mail: info@powrmatic.co.uk
web: www.powrmatic.co.uk



Powrmatic Ireland
45 Broomhill Close
Tallaght
Dublin 24

tel: +353 (0) 1452 1533
fax: +353 (0) 1452 1764
e-mail: info@powrmatic.ie
web: www.powrmatic.ie

