

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)

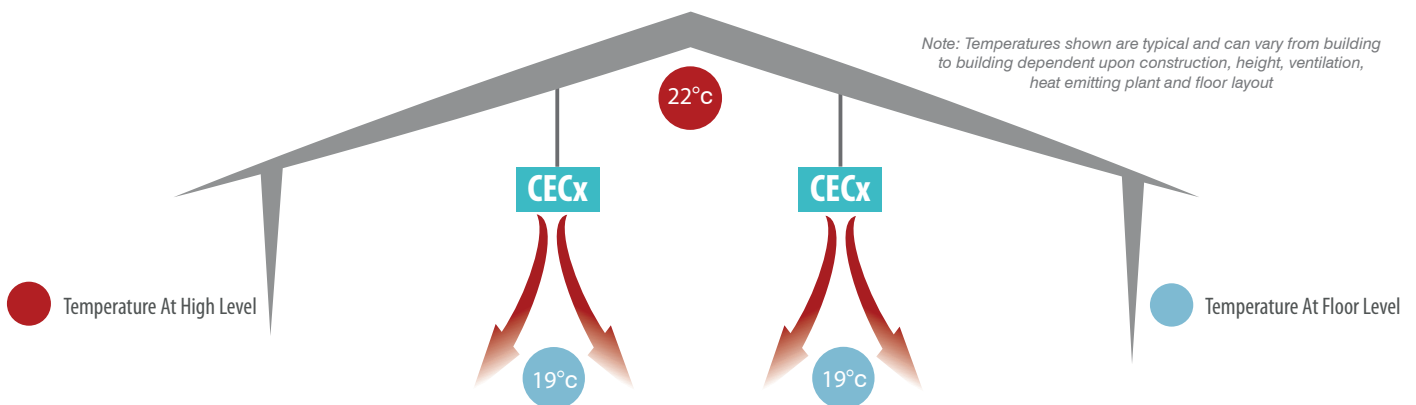
Calculate the building volume in cubic metres, multiply by 2 to determine the optimum air displacement.

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.



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