

CEC Destratification Fan Range

Controlling your working environment

HEATING • VENTILATION • INTEGRITY



Duties

Model			CEC 1250	CEC 2250	CEC 3750	CEC 6500	
Air Displacement		m ³ /h	2120	3820	6370	11040	
Mounting Height (maximum)		m	9	12	18	24	
Electrics	Standard	Supply	V/ph/Hz 230/1/50				
		Run Current	amps	0.53	0.87	2.40	2.70
	Optional	Supply	V/ph/Hz 415/3/50				
		Run Current	amps	0.30	0.50	1.30	1.30
Overall Dimensions		Height	mm	365	410	410	410
		Width	mm	500	600	655	805
		Depth	mm	500	600	655	805
Nett Weight		kg	16	21	24	35	

Introduction

CEC 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 which, depending upon building height, by as much as 15%.

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.

CEC 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. A selection of REB speed controls are available to control multiple units.

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 One

Select the CEC model fan to suit the mounting height requirements. Fans should be mounted approximately 1 – 1.5 metres below the roof line.

Step Two

Calculate the building volume in cubic metres, then multiply by 2 so that the fans displace the building air volume twice an hour.

Step Three

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

Guarantee

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

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