

CECx

Destratification Fan Range Heat Recovery Systems



Overview

Powrmatic CECx is a high velocity heat recovery unit with low running costs and requiring minimal maintenance.

The CECx is designed for higher level mounting and will automatically recirculate high level hot air, reducing stratification and associated heat losses.

CECx fans are specifically designed to lower the fuel consumption of space heating systems and at the same time, improve comfort levels.

Models Available

- CECx 1400
- CECx 2250
- CECx 3350
- CECx 6500

Product Features

- The CECx fans can be suspended via the optional CECx Fixing kit which can be installed up to six times faster than traditional hanging systems. There is no requirement for nuts, bolts, clamps or other accessories. These fixing kits are strong, safe, industry approved with a 5:1 safety factor load rating and aesthetically discreet and lightweight.
- The CECx Calecon fans comprise of a panel box construction which has reduced in its overall height for a slimmer profile (6500 model only) onto which is a resiliently mounted axial fan set which discharges warm air through an four-way adjustable louvred grille.
- Automatic thermostatic controls inhibit fan operation until the roof space temperature reaches a pre-determined level, preventing the premature discharge of cold air.

Specification

- CECx destratification fans will automatically recirculate high level hot air, reducing stratification and associated heat losses via the adjustable louvres, returning useful heat back into the working zone and saving on energy and operating costs.
- Adjustable punched type 4 way louvres supplied to give directional air discharge.
- Casing designed for rigidity and low noise, utilising anti vibration mounts for connection of main fan assembly.
- Casing will be protected by epoxy powder coat stove baked paint RAL 7015.
- Fitted with thermostatic adjustable control to enable accurate setup on installation.

Technical Performance

CECx

Model			CECx 1400	CECx2250	CECx3350	CECx6500
Air flow		m ³ /s	0.8	1.2	1.8	2.6
		m ³ /h	2800	4467	6400	9300
Mounting Height	Maximum	m	6	12	15	25
	Minimum	m	3	3.5	3.8	6
Height to achieve (0.3ms)			4	8	10	18
Electrics	Supply	V/ph/Hz	230V/1Phase/50Hz			
	Start Current	amps	1.3	2.9	3.1	5.7
	Run Current	amps	0.52	0.8	1.5	2.35
Dimensions	Width	mm	600	600	654	805
	Depth	mm	600	600	654	805
	Overall Height	mm	250	250	264	336
Nett weight		kg	15	17.5	21.5	32.5
Fan Noise @ 5m (Q=2)		L _{PA} dB	37	44	44	46
Fan Noise Level		L _{WAS} dB	59	66	66	68*

*Noise Levels: Based Upon fan manufacturers measurements (EBM).
**Airflows at 20Pa Pressure

*** Important Note:** For full technical specification notes please refer to the product installation manual on our website at www.powrmatic.co.uk

Dim	Model	CECx 1400	CECx 2250	CECx 3350	CECx 6500
A	Enclosure Width	600	600	654	805
B	Enclosure Depth	600	600	654	805
C	Enclosure Height	120	120	120	187
D	Overall Height	250	250	264	305
E	Suspension ctrs	388	388	425.5	597
F	Suspension ctrs	595	595	649	802.5



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