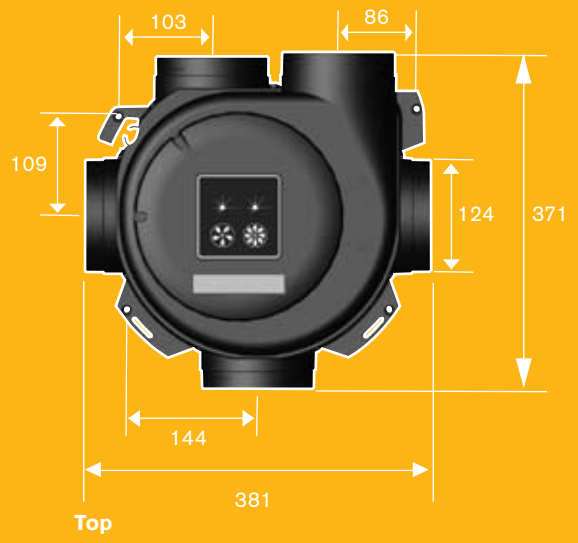
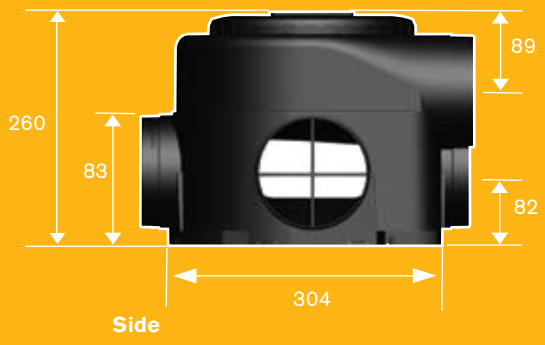
CMEV.4e

Central continuous mechanical extract system

Physical specification

All measurements in millimetres.





Weight: 3.8 kg

Materials: Fan housing manufactured from high grade black polypropylene material.

Features

Top of the energy class
The best SAP Appendix Q eligible product with an incredible 0.16w/l/s* performance which will help reduce DER's in SAP and contribute to achieving Level 3 and above of the Code for Sustainable Homes.

Complete control
A continuously running ventilation system for the whole house that actively contributes to indoor air quality, controlled via a wired in remote switch to control trickle and boost speeds.

Not seen and not heard
A completely discreet system, centrally mounted in a cupboard means no more nuisance running noise.

Space saving
5th extract point can be located at bottom of unit (requires cut out on site) for easier connection to ducting in applications with limited space.

A perfect fit
Compact design (one of the smallest on the market) makes it ideal for apartments and small properties that usually don't have the window space for all of the trickle vents required with traditional 'on and off' extract fans (System 1).

No fuss installation and commissioning
One of the fastest units to connect and commission on site. 100% variable motor speed options for trickle and boost speeds adjusted through speed pots located on fan body. (medium speed will be based on mid-point between selected trickle and boost speeds).

From inside to out
Energy efficient EC motor, 5 extract spigots, wall or ceiling mounting, clever motor assembly design which can be easily removed once isolated, allowing for cleaning and maintenance if necessary.

*0.16w/l/s based on kitchen + two wet rooms installed with appropriate ducting as detailed in SAP Appendix Q report.
Download full details from www.sap-appendixq.org.uk

Controls

Model	Operation
CMEV.4e	Wired in 3 position remote switch (GS1) to control trickle, medium and boost speeds. Double pole light switches or GS2 switch to control trickle and one boost speed.

Installation

Wiring: Must comply with IEE Regulations, see wiring diagrams on page 086.

Cable: 5 core 0.75mm² flying lead.

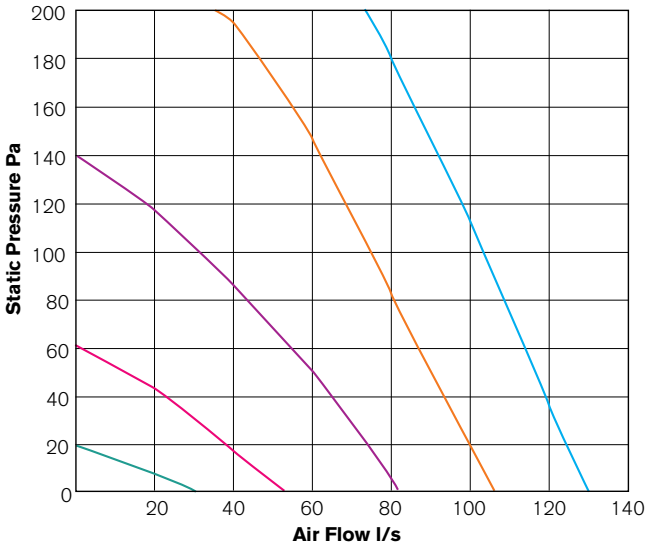
Fuse: 3 amp (when fan is supplied from a 6A lighting circuit no local fuse is required).

Ducting: Connect to 100mm or 125mm ducting. Solid ducting recommended to minimise air resistance.

Performance

Model	Performance to BS 848 Pt1 in free air (l/s)			Consumption (W)			Sound Pressure level @ 3m dB(A)		
	Max	Boost	Trickle	Max	Boost	Trickle	Max	Boost	Trickle
CMEV.4e 129	80*	51*	37.6	11*	4.9*	34	34*	9*	

*Factory settings for trickle and boost speeds. Medium speed for the unit will be the mid-point between selected trickle and boost speeds.



CMEV.4e has a 100% variable motor speed control which is commissioned via a speed pot located on the fan body.

- Variable setting 5 (max)
- Variable setting 4
- Variable setting 3: factory set boost speed
- Variable setting 2: factory set trickle speed
- Variable setting 1: (min)

Electrical Specification: 230V~50Hz Class II

Consumption:

Maximum	37.6W
Boost	11W
Trickle	4.9W

Specification

CE MARKED

2 YEAR GUARANTEE

COMPLIES TO:
LOW VOLTAGE DIRECTIVE
EMC COMPATIBILITY DIRECTIVE

Carbon cutting technology

This product will help you reduce your DER points in SAP

SAP APPENDIX Q ELIGIBLE

You get rewards in SAP by reducing your DER (dwelling emission rate) when using this product.

Basically you use the product performance information instead of the default information and you reap the energy rewards.

www.sap-appendixq.org.uk

Greenwood Carbonlite Helping reduce your carbon footprint

Life is simple when you understand what energy benefits you get when you choose a more efficient product, so here they are:

73%* energy usage, **£14.38*** on electric bill, **73kg CO_2*** saving to environment.

*all based on continuously running at low speed and 1.5hrs on boost, against standard market alternative.

Ancillaries

GD8 Modular rectangular (204x60) and round (125mm) light weight PVC ducting system (page 141).

ST100/125 Spiral wound galvanised steel ducting (page 142).

GD8 Accessories Plastic louvred airbricks available in brown, terracotta and sand (page 141).

GG82 External 125mm louvred vent for wall mounting. Available in white or brown (page 141).

GG68 PVC extract/supply valve 125mm (page 141).

Flexiduct Flexible 125mm PVC & aluminium ducting (page 146).

GS2 2 position switch available for controlling unit between trickle and boost speed.

GS1 3 position switch available for controlling unit between trickle, medium & boost speeds.

KSOP125 Extract valve fire rated 125mm (page 142).

KSO125 Metal extract valve 125mm (page 142).