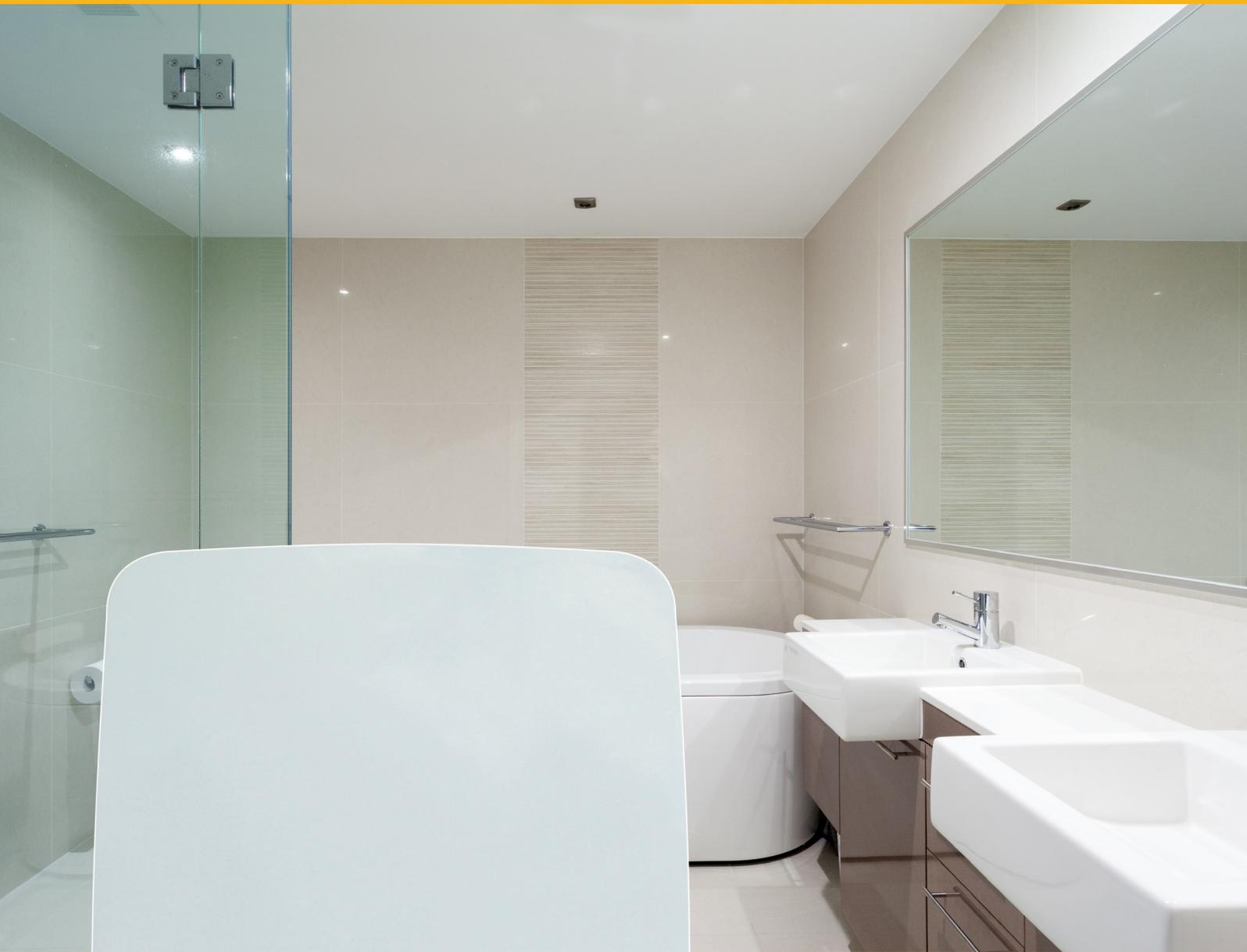


envirovent®

ECO DMEV LC

Intermittent Or Continuous Running dMEV



envirovent



ECO dMEV LC

Intermittent Or Continuous Running dMEV

CAN BE INSTALLED IN
ZONE 1



About

The ECO dMEV LC has been designed and developed to offer the market a centrifugal extract fan with optimum versatility to operate continuously or intermittently.

Ideal for all domestic applications, WCs, bathrooms, utility rooms and kitchens. It is a 100mm continuously running or intermittent extract fan, which can be fitted in wall, ceiling or panel installations.

- Continuous running or intermittent operation (not suitable for kitchens and utility on intermittent)
- Ideal for WCs, bathrooms, kitchens and utility rooms
- Incredibly quiet running below 20 dB(A)
- Timer, humidity sensor, pullcord and PIR models
- Fitted with low watt DC motors for minimum power consumption
- 4 interchangeable front panel trims
- Stylish design
- Complies with Local Building Regulations
- Exceptional performance - SAP PCDB Listed
- Highly versatile, can be installed into walls and ceilings
- 2 year warranty



4 Innovative Models

ECO dMEV T LC:

In continuous operation the fan operates the same as the standard model with the addition of an adjustable run-on timer, which allows the fan to run on boost mode between 1 to 30 minutes.

In intermittent operation the timer allows the fan to continue to operate for the selected period after the switch has been turned off.

ECO dMEV HT LC:

In continuous operation the boost mode is activated either by the adjustable integral humidity sensor or by an external switch both with timer.

In intermittent operation the humidity sensor starts the fan automatically when the humidity level in the room is higher than the set level, with the facility to override the humidity sensor using an external switch.

ECO dMEV HTP LC:

Same operation as the HT model but using the pullcord instead of an external switch.

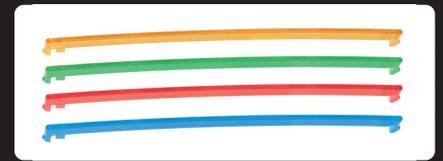
ECO dMEV DT LC:

In continuous operation the boost mode is activated by the PIR detector and continues to operate after the selected period set by the timer. In intermittent operation the fan starts automatically when a movement is detected by the PIR detector and continues to operate after the selected period set on the timer.



Stylish Design

Designed with style in mind, the fan adds a touch of elegance to the modern bathroom or kitchen without compromising on performance or quality. The fan is supplied with smart interchangeable front panel trims in four colours.



Powerful, Yet Quiet

Meticulous research and development has gone into the design of the ECO dMEV LC to be able to incorporate a high powered centrifugal fan into the smallest of spaces, delivering incredible quiet noise levels of below 20 dB(A).

Low Voltage Bathroom Fan

For extra safety, the ECO dMEV LC is also available in a low voltage 17V version. In addition to the standard ECO dMEV 17V, which can be boosted by an external switch, the same four models are available as the 230V version: the timer option, humidity sensor with timer, pullcord with timer and humidity sensor or PIR with timer.



Optimum Versatility

The ECO dMEV LC has been designed and developed to offer the market a centrifugal extract fan with optimum versatility to operate continuously or intermittently.

Technical Data

Maximum Airflow (m³/h)			Voltage [V]	Maximum absorbed power [W]		Sound Pressure Level dB(A)* @3m		IP / Insulation	Weight [Kg]
	Min.	Max.		Min.	Max.	Min.	Max.		
m³/h	15	60	230-50/60Hz	0.8	5.6	-20	32	IPX4 Class II	0.57
l/s	4	17							

SAP Appendix Q Performance

	In room (ducted) kitchen	In room (ducted) wet room	Through wall kitchen	Through wall wet room
Specific Fan Power [W/l/s]	0.38	0.26	0.30	0.25
Specific Fan Power [W/l/s]	14.3	8.5	14.9	8.7

Technical Specification

Product

The ECO dMEV LC shall be a continuous running or intermittent, decentralised Mechanical Extract Ventilation unit, designed to comply with Local Building Regulations. The low energy fan shall be supplied in a 230V format with adjustable trickle speed settings ranging between 4-13 l/s. The fan shall also come supplied with four interchangeable front panel trims.

Application Suitability

The ECO dMEV LC shall be suitable for wall, ceiling or panel mounting in WC's, bathrooms and kitchens.

Performance

See SAP Appendix Q Performance table.

Installation

Full installation guide is enclosed with all products; or sent separately in advance - if required.

Motor

The motor shall be a 230V Low Watt DC motor, which is assembled on silent elastic blocks, fitted with sealed for life ball bearings for enhanced working life and exceptionally quiet running down as low as 20 dB(A).

Fan

The ECO dMEV LC shall incorporate a centrifugal fan designed to run continuously on trickle, with the facility to boost to maximum air volume via a switch, pullcord, humidity sensor or PIR.

Servicing / Maintenance

The unit shall incorporate a filter gauze for ease of maintenance.

Warranty

The ECO dMEV LC shall be covered by a 2 year warranty.

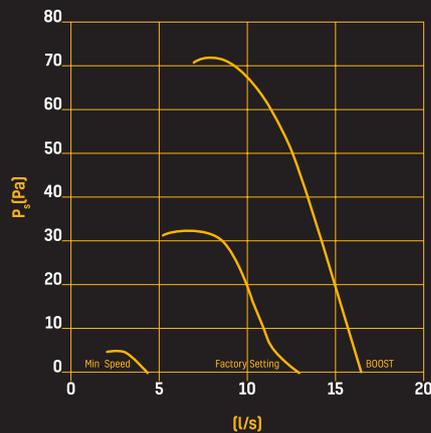
Compliance

The fan shall be SAP PCDB Listed.

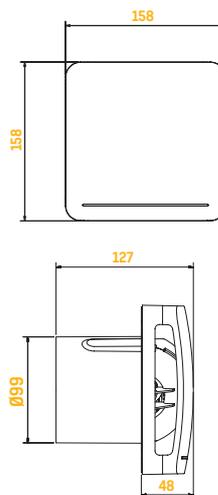
Options & Ancillaries

DESCRIPTION	CODE(S)
STANDARD WALL KIT	1RDEFWAK100
FIXED LOUVRE GRILL	1RDGRILL100

Performance Curve



Dimensions (mm)



envirovent®

Leaders in the manufacture of innovation and sustainable ventilation

EnviroVent Ltd
EnviroVent House
Hornbeam Business Park
Harrogate
HG2 8PA

T / 0345 27 27 807
F / 01423 301 022
E / enquiries@envirovent.com
W / www.envirovent.com

Due to our policy of continuous innovation and improvement, EnviroVent reserves the right to alter products specification and appearance without notice.

E&OE | MKT ENV395 - V1 - 21.01.20

Copyright © EnviroVent Ltd 2020



Follow us on
facebook



Follow us on
twitter



Watch us on
Youtube



Follow us on
Instagram



Follow us on
Pinterest



Find us on
LinkedIn

