

envirovent®

## OZE0

Low Energy Whole House Mechanical Extract Ventilation Unit



# OZEO

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## About

The OZEO is a low energy, continuously running whole house mechanical extract ventilation unit (MEV) fitted with multiple extract points to simultaneously draw moisture laden air out of the wet rooms of a property, whilst minimising the migration of humidity to other rooms.

## Features & Benefits

- Adjustable pivoting spigots for optimum flexibility
- Low watt motor technology
- Three speed motor with two adjustments (wireless version only)
- 4x Ø125mm inlets with double injection self-sealing duct connections which pivot 90°
- 1x Ø125mm exhaust outlet
- Low specific fan power of 0.24W/l/s
- Rapid installation kit
- Backward curved impeller for self cleaning
- Supplied with wireless control and timer function
- Ease and flexibility of installation, horizontal, vertical on floors, ceiling or walls
- Quiet operation only 30 dB(A)
- Compact design
- SAP PCDB Listed
- 2 year warranty



The OZEO is centrally located in either the loft space or a hallway cupboard with ducts running from the unit to the kitchen, bathroom, en-suite and other wet rooms.

Ideal for houses, apartments and communal residences with kitchen plus up to 6 additional wet rooms, the unit will ventilate the property in full compliance with current building regulations and is SAP Appendix Q eligible. Highly efficient, the OZEO delivers a specific fan power down to 0.24 W/l/s and is Energy Savings Trust Best Practice Performance Compliant.

## Speed and Flexibility of Installation

The OZEO has been designed for utmost ease and flexibility of installation. The four inlets pivot 90°, whilst the double injection self-sealing duct connections enable a fast and safe connection without the need for extra tools or clamps. The exhaust outlet can be rotated 360°.

The OZEO can be installed horizontally or vertically on floors, ceilings or walls. The compact design allows it to fit into narrow ceiling voids and the pivoting spigots significantly reduce the space normally required once ductwork is connected.

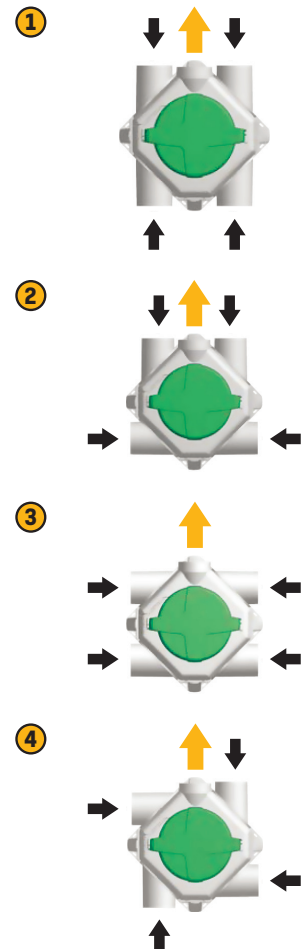
The rapid installation kit and mounting template facilitates convenience and speed of installation for the installer.

## Remote Control

The OZEO is supplied with a remote control boost switch with timer function (Hard-wired version available)



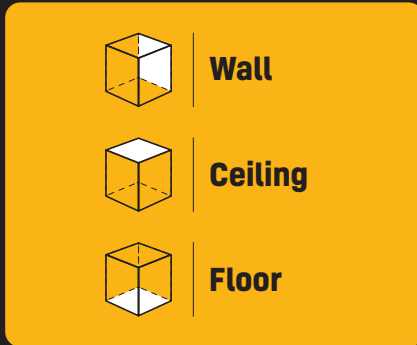
## Flexible & Compact



## ✓ Ease of Installation

The compact size of the unit and its unique spigot configuration allows easy installation into any vertical or horizontal application and is ideal for restricted spaces.

With up to 4 spigot connection points the unit offers optimal versatility. Self sealing duct connections and a quick fit bayonet spigots provide convenience for the installer.



## SAP Appendix Q Performance

Exhaust Terminal Configuration - Kitchen + Additional Wet Rooms	Fan Speed Setting	Specific Fan Power (W/l/s)	EST Best Practice Performance Compliant
Kitchen + 1 additional wet room	Fan Speed 2 100% Variable	0.30	Yes
Kitchen + 2 additional wet rooms	Fan Speed 2 100% Variable	0.28	Yes
Kitchen + 3 additional wet rooms	Fan Speed 2 100% Variable	0.25	Yes
Kitchen + 4 additional wet rooms	Fan Speed 2 100% Variable	0.24	Yes
Kitchen + 5 additional wet rooms	Fan Speed 2 100% Variable	0.25	Yes
Kitchen + 6 additional wet rooms	Fan Speed 2 100% Variable	0.27	Yes

## Technical Characteristics

Version	Motor	Voltage (V)	Maximum Absorbed Power (W)	Maximum Absorbed Current (A)	Sound Power dB(A)	Controls
OZEO	DC	230	15.5 - 25 - 48	0.15 - 0.23 - 0.4	30 - 35 - 38	Wireless Remote control

## Technical Specification

### Product

The OZEO is a low energy, continuously running whole house mechanical extract ventilation unit (MEV) fitted with multiple extract points to simultaneously draw moisture laden air out of the wet rooms of a property, whilst minimising the migration of humidity to other rooms.

### Application Suitability

The unit shall be suitable for houses, apartments and communal residences with kitchen plus up to 6 additional wet rooms, the unit will ventilate the property in full compliance with current building regulations and is SAP PCDB Listed.

### Installation

The unit shall be capable of being installed horizontally or vertically on floors, ceilings or walls. The four inlets shall pivot 90° and double injection self-sealing duct connections shall enable a fast and safe connection without the need for extra tools or clamps. The exhaust outlet shall be capable of rotating 360°. A rapid installation kit and mounting template shall be supplied as standard.

### Performance

	Exhaust Terminal Configuration - Kitchen + Additional Wet Rooms					
	+1	+2	+3	+4	+5	+6
Total Flow Rate (l/s)	21	29	37	45	53	61
Specific Fan Power (W/l/s)	0.30	0.28	0.25	0.24	0.25	0.27

### Motor

The unit shall incorporate a three speed Low Watt DC motor designed to operate continuously.

### Fan

The unit shall be a backward curved impeller.

### Construction

The housing of the unit is constructed out of polypropylene. The lid is constructed out of ABS.

### Servicing / Maintenance

The OZEO shall be fitted with a self-cleaning backward curved impeller. For the front, the cover simply unclips for quick access to clean the front impeller.

### Warranty

The unit shall be covered by a two year guarantee.

### Controls

The OZEO shall either be supplied with a wireless control and timer function or the OZEO HW version is provided with a 3 speed hard wired switch.

### Accreditation

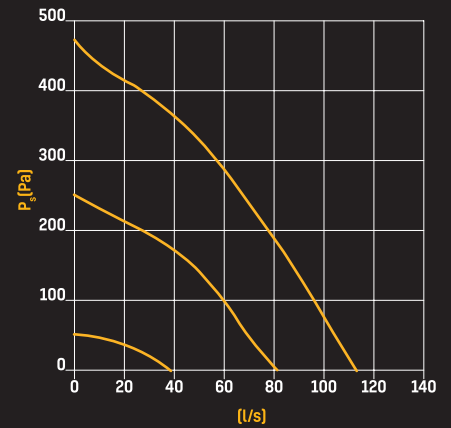
Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation

Conforms to requirements of the EC council directive relating to Electromagnetic Compatibility and Electrical Safety (LDV and EMC). CE Marked.

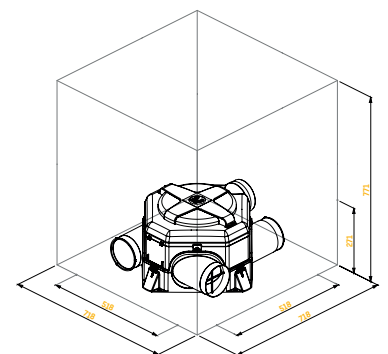
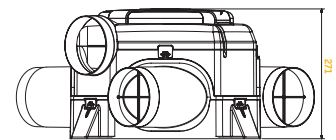
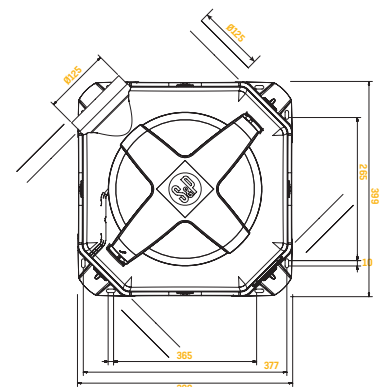
SAP PCDB Listed.



## Performance Curves



## Dimensions (mm)



## Options & Ancillaries

DESCRIPTION	CODE(S)
REMOTE CONTROLLED BOOST SWITCH	BOOST OZEO RF

# envirovent®

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