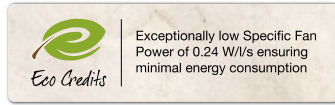


OZEO

Low Energy Whole House Mechanical Extract Ventilation Unit



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
- 4 Ø125mm inlets with double injection self-sealing duct connections which pivot 90°
- 1 Ø125mm exhaust outlet to atmosphere capable of rotating 360°
- Rapid installation kit
- Backward curved impeller for self cleaning
- Optional remote controlled boost switch
- Ease and flexibility of installation, horizontal, vertical on floors, ceiling or walls
- Quiet operation only 30 dB(A)
- Compact design
- SAP Appendix Q eligible
- Two year guarantee

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.

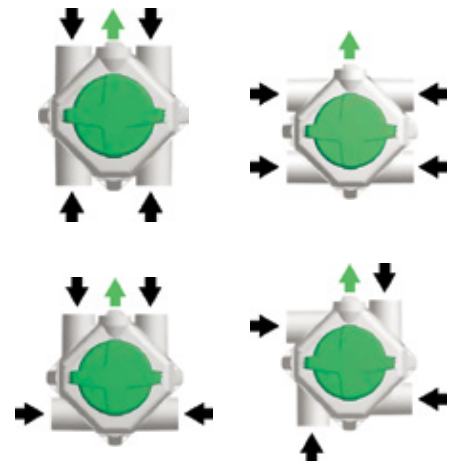
Speed and Flexibility of Installation

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.

Flexible and Compact



Remote Control

The OZEO can be supplied with a remote control boost switch with timer function.



Turn to page 52 to find out more about the benefits of heat recovery ventilation.



Scan the QR code to see how our products can improve indoor air quality, solving condensation and mould problems or visit <http://bit.ly/1T3nYEe>



Turn to pages 17-20 to find out more about Approved Document Part F: Ventilation.

Rapid Maintenance

The OZEO has a self-cleaning backward curved impeller. The front cover simply unclips for quick access if required.

Numerous Installation Options

Horizontal

Vertical

ON THE FLOOR

ON THE WALL



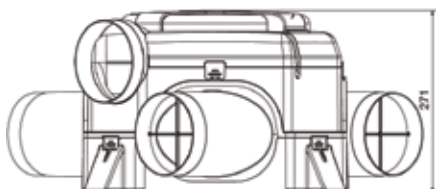
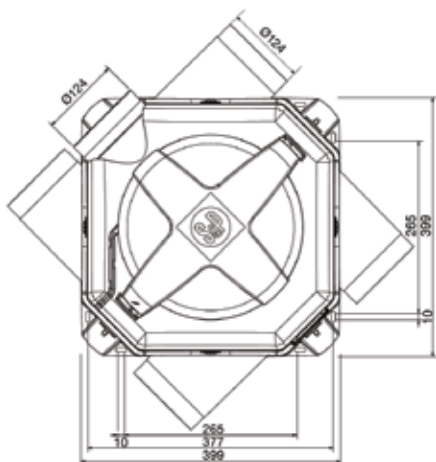
ON THE CEILING



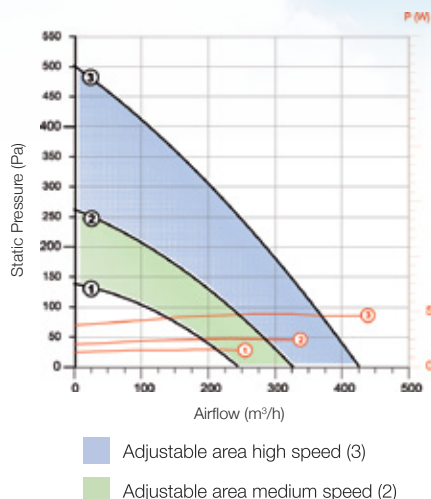
Hard-Wired Option

The OZEO (HW & E versions) are also available with a hard-wired boost switch.

Dimensions (mm)



Performance Curve



Technical Characteristics

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

Options & Ancillaries

Remote Controlled Boost Switch | BOOST OZEO RF

Technical Specifications

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 Appendix Q eligible.

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)	21.0	29.0	37.0	45.0	53.0	61.0
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.

Guarantee

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 and E versions are provided with a 3 speed hard wired switch.

Accreditation

The unit shall be SAP Appendix Q eligible.

SAP Appendix Q Performance

Exhaust Terminal Configuration	Fan Speed Setting	Specific Fan Power (W/l/s)	Energy Saving Trust 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

Order Codes

OZEO | DC version (wireless)
 OZEO HW | DC version (hard wired)
 OZEO E | AC version (hard wired)



Scan the QR code to find out more about the product or visit: envirovent.com/ozeo