

TECHNICAL DATA SHEET MEV Spider | Mechanical Extract Ventilation



KEY FEATURES

- ✓ Low Specific Fan Power (SFP) of 0.32 W/l/s
- ✓ Low profile of just 198mm high
- ✓ Versatile - Can be installed on a wall, ceiling or floor
- ✓ Intellitrac® humidity tracking
- ✓ 9 spigot points (3x Ø100mm spigots)
- ✓ Low watt DC motors
- ✓ SAP PCDB Listed
- ✓ 5 year warranty

PRODUCT

Innovative and low energy unit which has been designed to provide continuous mechanical extract ventilation in accordance with current building regulations.

APPLICATION SUITABILITY

Suitable for use in mid-sized houses and apartments with kitchen plus up to 6 wet rooms to be installed in any vertical or horizontal application either in a hallway cupboard or loft space. The unit shall be designed with up to 9 spigot connection points with quick fit bayonet connections.

ACCREDITATION

- Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation
- Conforms to requirements of the EC council directives relating to Electromagnetic Compatibility and Electrical Safety (LDV and EMC). CE Marked
- SAP PCDB Listed

PRODUCT CHARACTERISTICS DATABASE (PCDB)

Exhaust Terminal Configuration	Specific Fan Power (W/l/s)	Total Flow Rate (l/s)
Kitchen + 1 wet room	0.36	21
Kitchen + 2 wet rooms	0.32	29
Kitchen + 3 wet rooms	0.33	37
Kitchen + 4 wet rooms	0.32	45
Kitchen + 5 wet rooms	0.35	53
Kitchen + 6 wet rooms	0.36	61

*Note: 'E' rating only applicable to MEVS (2 speed option)

SAP 2012

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INSTALLATION

The unit shall be capable of being installed horizontally or vertically on floors, ceilings or walls. The Ø100mm spigot inlets (3 provided as standard) shall provide a fast and safe connection into any of the 9 connection points. The exhaust outlet shall be Ø125mm.

MOTOR

The unit shall incorporate the Ultra Low Watt DC motor technology with sealed for life ball bearings designed to operate continuously at a pre-set 'background' rate.

FAN

The unit shall incorporate a backward curved centrifugal fan.

CONSTRUCTION

The unit shall be constructed from compressed foam and durable white plastic. The lid is a vacform in ABS material.

SERVICING / MAINTENANCE

There are no special requirements for any maintenance within a five year period. If fitted with cone filters (located at extract valves), maintenance is recommended every 12 months depending on environmental conditions. The unit shall be easy to clean by simply removing the lid and motor plate.

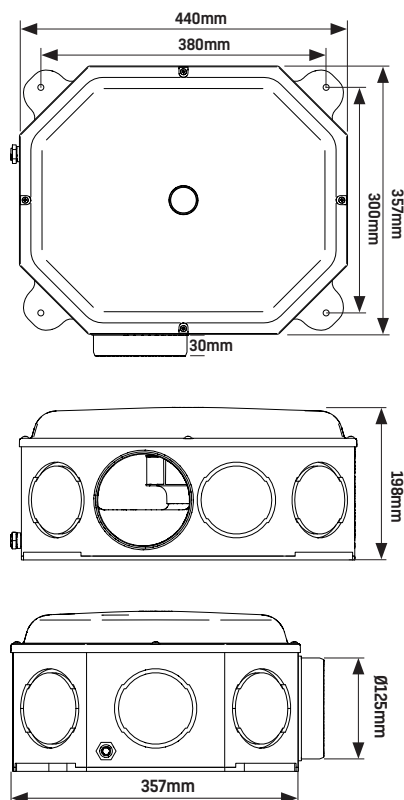
GUARANTEE

The unit shall be covered by an on-going, repeatable 5 year warranty, subject to completion of the specified maintenance.

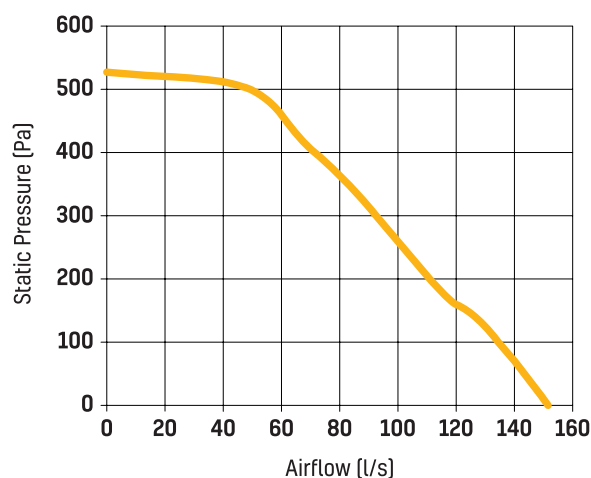
CONTROLS

The standard unit shall be fitted with Intellitrac® humidity tracking system, commissionable to trickle and boost to suit the application and satisfy Part F. The unit shall also be fitted with a choice of either wireless or manual override switching.

SIZE



PERFORMANCE CURVE



A full Consultant Specification can be sent on request.