

A151DC W CP Mechanical Extract Fan specification document

The A151DC W CP is designed to be used as part of the unique Passivent *iMEV* (*intelligent MEV*) demand controlled ventilation system. The low power fan features an on board pressure controller which allows for extraction of moist air from multiple dwellings without using excess energy, only ventilating on local demand at the rate required to quickly remove moisture from the rooms. The on-board constant pressure controller can be set to the required level for the system design providing complete flexibility.



Features

- Energy efficient DC motor
- Can be positioned in a number of different orientations
- Forward facing fan blades to improve acoustic performance
- Designed for use with Passivent range of demand controlled extracts.
- On board constant pressure controller regulate fan speed as required to maintain constant pressure. Reduces the need for manual boost as the system is fully automatic
- BMS mA fan failure output signal and LED indicator

Project Recommendations

For loft or attic installations such as

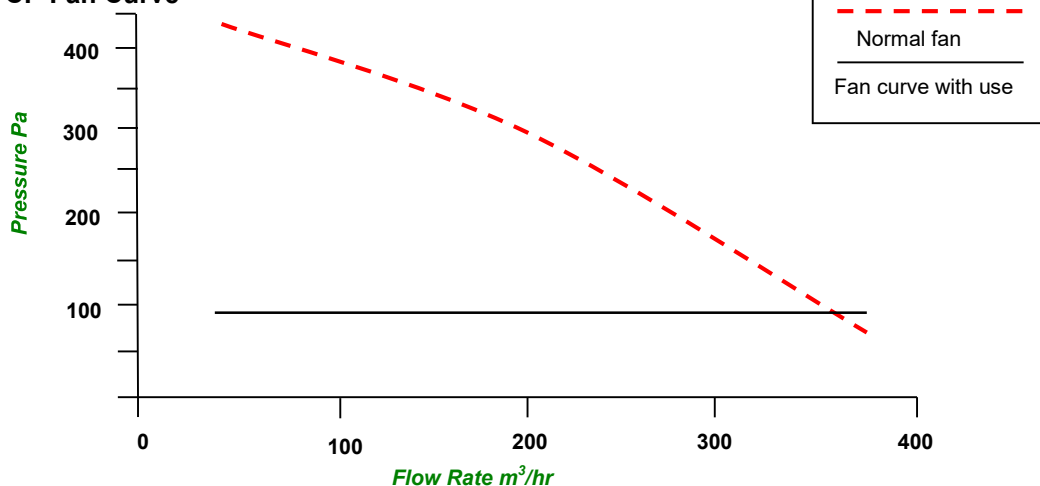
- Care Homes
- Student Accommodation
- Houses /Apartments with Lofts



Configuration

- 4 Ø 125mm extract spigots that can be pivoted individually by
- 1 Ø 125mm exhaust duct that can be rotated through 360 degrees
- On board pressure controller
- 3 caps to seal unused spigots
- 1 installation template to assist ceiling or wall mounting
- Optional Ø 125/150mm exhaust adapter

A151DC W CP Fan Curve



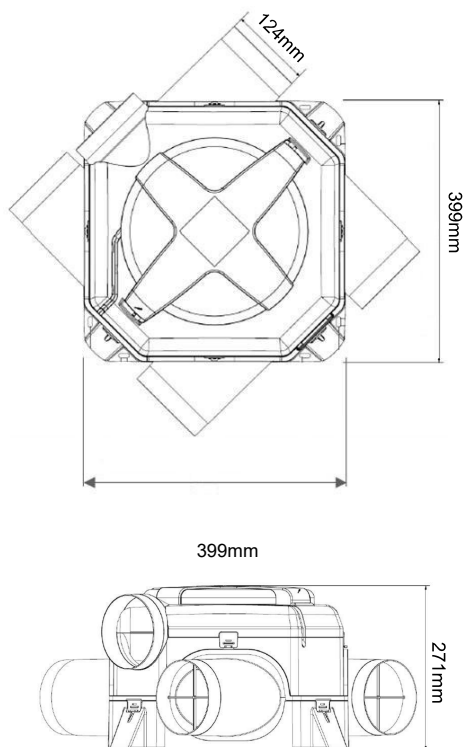
A151DC W CP Mechanical Extract Fan specification document

Energy Performance

Exhaust Terminal Configuration	Specific Fan Power (W/l/s)
Kitchen + 1 additional wet room	0.30
Kitchen + 2 additional wet room	0.28
Kitchen + 3 additional wet room	0.25
Kitchen + 4 additional wet room	0.24
Kitchen + 5 additional wet room	0.25
Kitchen + 6 additional wet room	0.27

Dimensions

Width: 399mm
 Length: 399mm
 Height: 271mm



Compatible Systems

Passivent iMEV Total

Specifications

Supply Voltage: 230V, 50Hz
 Motor Type: DC
 Max Power consumption: 48W
 Pressure Range: 0-200 Pa, Nominal 100Pa
 Power supply: Single gang power socket
 Sound Power 30 - 35 - 38 dB(A) at 100 - 230 - 360 m³/hr @100 Pa

Also available without constant pressure controller as A151DC W

Installation

The slim profile allows the A151DC W CP to be mounted in a number of different positions making it suitable for projects where space may be limited, including apartments.

On the ceiling



On the floor



On the wall

