

DRYVENT X

Balanced Ventilation for Bedrooms and Living Spaces

About DRYVENT X

The DRYVENT X fan is a high performance, attractively styled fan, designed to operate as a low level background de-humidifier by providing filtered fresh air and extracting moist air simultaneously.

It is suitable for use in bedrooms, living spaces and also for store rooms and other confined areas - for example in an under stairs cupboard.

DRYVENT X uses continual intake/extract operations to generate a local plume of dry air of lower vapour pressure than the atmosphere in the

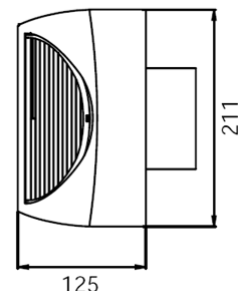
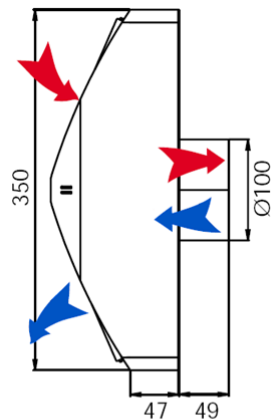
room, meaning the fan operates by drawing out humidity from the air in a room whilst drawing in fresh air from the outside.



Dryvent X incorporates 2 x 2 watt MagLev motors.

Features and Benefits:

- Low energy dehumidification via balanced ventilation for low running cost
- Continuous extraction and intake at low speed (20 m³/h) providing proactive condensation reduction whilst avoiding the transfer of condensation from more vapour rich environments eg the kitchen and bathroom
- Foam filtration system which allows in fresh air whilst filtering out larger airborne particles like pollen and also produces a sound dampening effect to ensure silent operation
- Incorporates MagLev DC fan motors - designed to operate for 50,000+ hours fault free which means:
 - ◇ Almost silent operation
 - ◇ Cost effective as it is inexpensive to run, low maintenance and has a long life.
 - ◇ Can be fixed in any orientation without affecting performance (wall, ceiling)
- Polycarbonate ABS mix with fire retardant housing which provides a robust and high temperature resistant casing.
- Produces up to 80m³/h of air flow thereby conforming to building regulations part F
- Lifetime* guarantee on the MagLev motor and 5 year guarantee on all other parts giving peace of mind



What is MagLev Technology:

MagLev fans are derived from the most advanced train technology in the world. We have integrated the science behind making the MagLev trains float above the rails and propel forward, into our complete range of domestic fans.

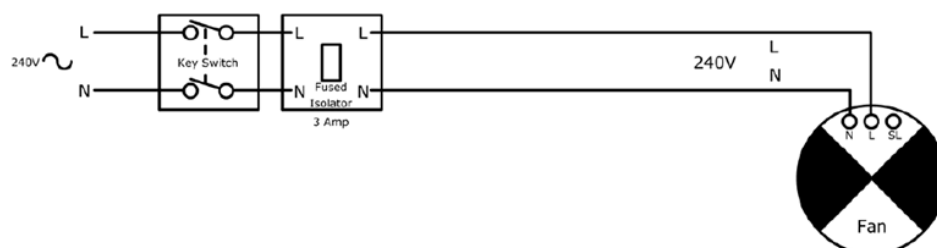
The levitation of the blade and housing is created through opposing magnetic forces causing propulsion through perpendicular magnetic fields. This means that there is no physical contact between the moving parts and therefore no mechanical friction. This in turn means that the fan temperature is low and there is less waste of energy and less wear to the components. No friction also results in exceptionally high efficiency, quieter running and improved balance. All these features make a highly reliable motor with around 30 years life expectancy under normal operating conditions

* Lifetime = lifetime of fan motor >50,000 hours in normal conditions

Dryvent X options

Item	Part No.	Kit Contents
Dryvent X for wall installation in bedroom, living spaces and confined areas	DRYVENT X	Dryvent X with split wall sleeve and external wall grille

DRYVENT X Wiring

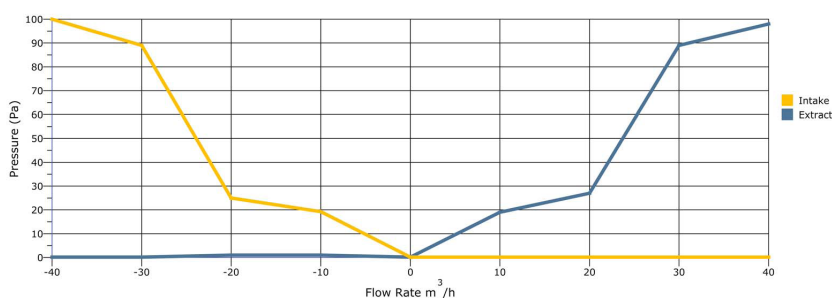


General Notes on Fan Installations

The fan position should be placed at high level near to the areas prone to damp and condensation. The fan should be wall mounted. The DRYVENT fans have a 98mm spigot to fit onto a circular 100mm split ducting system.

For more information, please contact us or see our website for product details and a detailed installation guide.

Dryvent X
Pressure vs Flow Rate



And for the Specifier.....

The DRYVENT X is supplied with a wall sleeve and external grille. The fan will include 2 MagLev motors of not more than 2 watts that run continuously at no less than 20m³/h each (one intake and one extract)

Product	POWER				
	Max Air Flow m ³ /h	Fan Input (watts)	Static Pressure (Pa)	Noise (dB(A))	Exhaust Spigot Size (mm)
Dryvent X	20	4	100	<30	98