



# VapourFlow

## BLURAY 150 & 100

### Auto Continuous extract Kitchen Bathroom & Utility

#### ABOUT The BLURAY 150 & 100 BluRay

The Sub Surface BLURAY fan is a multifunctional app controlled high performance, dehumidifying fan designed for the particularly demanding condensation control requirements of kitchen, utility or similar environments. As well as being a multifunctional fan controlled by an app, includes speed control (reversible for BLURAY 150). They are recommended for use as part of a cross-flow ventilation system with other Vapourflow units.

These units are particularly effective for damp conditions. The fan is a very neat below surface fan where nothing can be seen except for the front grille. Basic operational setting as a BLURAY unit is to run continually, extracting at low speed to remove moisture laden air at source before it can condense. This condensation control is achieved through the inclusion of an internal Autostat unit. When the built-in Autostat detects the humidity level rising above acceptable levels the fan triggers into high speed delivering powerful performance when it is needed most. Control the Autostat unit by a remote switch or by app bluetooth control.



## FEATURES AND BENEFITS

- Recommended to be used as part of a cross-flow ventilation system with other Vapourflow units
- Incorporates the Autostat humidity controller which continually monitors ambient humidity and automatically adjusts the control level accordingly
- Speed control via smart phone app, reversible fan for BLURAY 150
- Low energy, low cost continuous running at 50m<sup>3</sup>/h (Low speed)
- Incorporates a data-logger that captures humidity, temperature and fan operation providing details on the dwelling air quality for improved condensation control management, all available with bluetooth download
- Automatic switch to high speed when required
- Incorporates reversible DC fan motors - designed to operate for 50,000+ hours fault free

Which means:

- ◊ Almost silent operation on trickle
- ◊ 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)
- Air flow continuous, thereby conforming to building regulations part F
- 5 year motor guarantee, and 2 year product guarantee
- The BLURAY fans are programmed for proportional overrun timer control, minimal operation at high speed
- Manual override option via bluetooth app control or for BLURAY 150 via wired in switch & BLURAY 100 by switched live.

## GENERAL MAINTENANCE

VapourFlow products are designed with longevity in mind, for this, they need to be cleaned and maintained on a regular basis.

It is advised that every 6-12 months the following should be done:

- Wipe the chassis and grilles with a damp cloth to remove any detritus
- Hoover the grilles to remove any large dust particles that may have been formed



# SPECIFICATIONS

## INPUT

Input Voltage	20-240V 50Hz
Fan Input Power (trickle)	4.5W
Fan Input Power (boost)	6.5W
Earth Leakage	Class II construction, no earth
RoHS Compliance	Yes

## PERFORMANCE

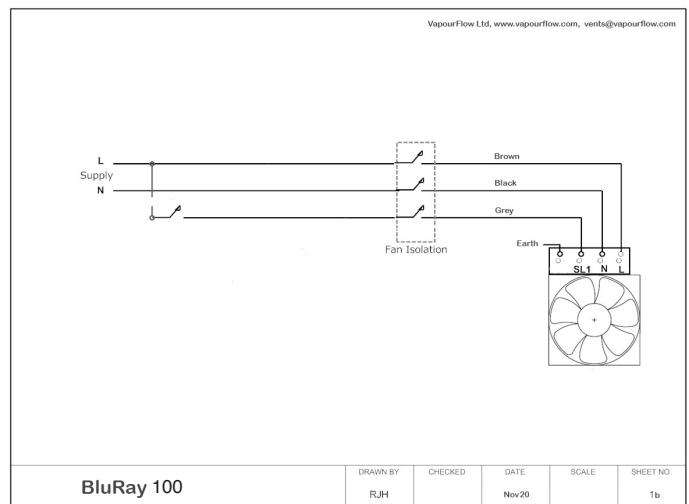
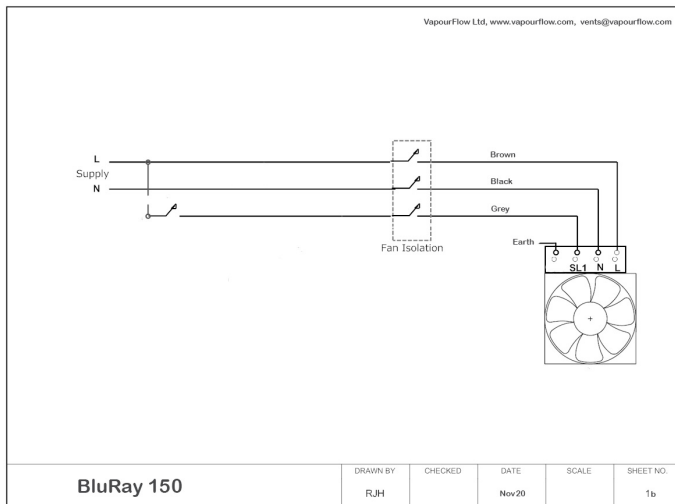
Acoustic Noise low speed	Less than 30 dB(A)
Life Expectancy	>50,000 hours
Specific Fan Power	0.1 W/(l/s)
Static Pressure	75 Pa
Air Flow Continuous	0 to 70m <sup>3</sup> /h
Air Flow BluRay 100	0 to 85m <sup>3</sup> /h
Air Flow BluRay 150	0 to 210m <sup>3</sup> /h

## GENERAL

Operating Temperature	-10° to +40°C
Storage Temperature	-15° to +40°C
Weight	<2 kg
Optional extras	Heritage Grille

## MECHANICAL

Impact strength	390 J/m (ASTM D790)
Flammability	UL94 V-0 (2.10mm)
Flame retardant	Non-halogen
Heat distortion	110°C
UV Resistance	1.0 E, 300 hours, ASTM



## PART NUMBERS

### BLURAY 100

150mm front grille  
Round for BluRay 100  
112mm hole in wall

### BLURAY 150

210mm front grille  
Round for BluRay 150  
160mm hole in wall



Download the **VAPOURFLOW** app here:



# VapourFlow

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