



VapourFlow

BluRay 150 & 100 BluRay

Auto Continuous extract Kitchen Bathroom & Utility FAN

ABOUT The BluRay 150 & 100 BluRay

The Sub Surface BluRay fan is an app-controlled, high-efficiency dehumidifying fan tailored for the rigorous moisture control needed in kitchens, utilities, bathrooms or similar settings. This versatile fan, which includes adjustable speed settings, excels in managing dampness. Its sleek design allows it to be installed below the surface, with only the front grille visible. In its default mode, it operates, running continuously at a low speed to preemptively extract humid air at its origin, preventing condensation. This moisture management is facilitated by an integrated Autostat unit that activates the fan to high speed for robust performance when it detects humidity levels surpassing the Automatic set threshold. The Autostat can be controlled via a remote switch or through an iOS app, ensuring peak performance precisely when required. For maximum efficiency and control of condensation/Damp we recommend pairing the unit with a WAD unit located in the home to provide cross ventilation.

FEATURES AND BENEFITS

- Incorporates the Autostat humidity controller which continually monitors ambient humidity and automatically adjusts the control level accordingly
- Speed control via smart phone App, for BluRay 150
- Low energy, low cost continuous running at 50m³/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
- Automatic switch to high speed
- Incorporates 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,
- 2 year guarantee on all moving parts giving peace of mind
- The BluRay fans are programmed for proportional overrun timer control, minimal operation at high speed



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

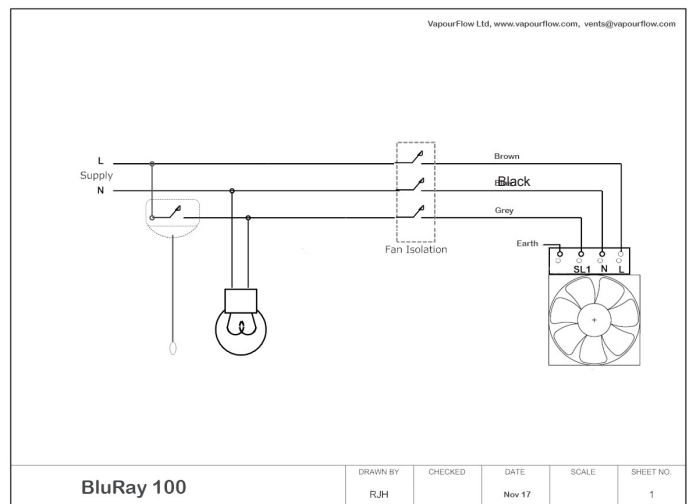
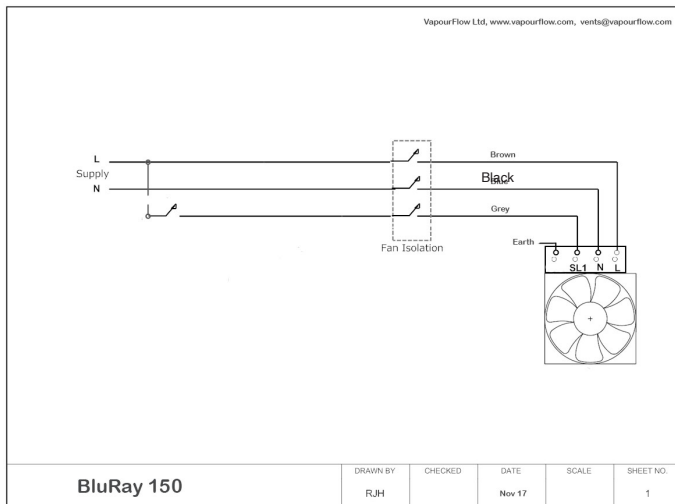
Acoustic Noise low speed	Less than 30 dB(A)
Life Expectancy	>50,000 hours
Specific Fan Power	0.1 W/(l/s)
Static Pressure	75 Pa
Air Flow Continuous	0 to 70m ³ /h
Air Flow BluRay 100	0 to 85m ³ /h
Air Flow BluRay 150	0 to 160m ³ /h

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

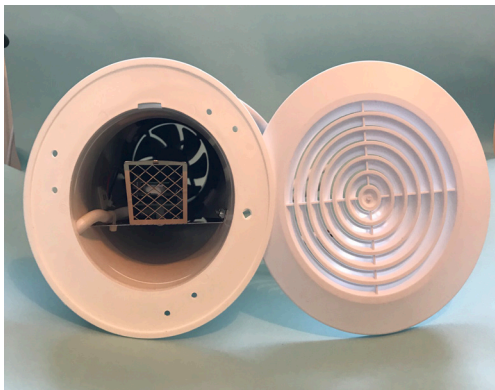
150mm front grille
Round for BluRay 100
112mm hole in wall



&

BluRay 150

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



VapourFlow

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