

# DRYVENT OTTER

## MULTI PURPOSE BATHROOM/WC FAN

### About Dryvent Otter

The bathroom/WC fan runs from 12v or 240v, multifunctional Automatic operation. Suitable for through wall or fitting onto existing ducting systems.

This is a high performance, dehumidifying fan designed for particularly demanding condensation control requirements of bathroom environments.

It is particularly effective for use in properties suffering from damp conditions. Set to continually extracts on low speed to remove moisture laden air at source before it can condense. This background level of ventilation also improves the air quality throughout the property. When the built-in Autostat humidity detection triggers into high speed delivering powerful performance, by light or switch extract and App bluetooth Control

### Features and Benefits:

- Very quiet 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
- Filter

Incorporates a data-logger that captures humidity, temperature and fan operation providing details on the dwelling air quality for improved condensation control management

Polycarbonate ABS mix with fire retardant housing which provides a robust and high temperature resistant casing. Not only does this give you more choice in fan location but also more effective ventilation system and removal of cooking moisture and odours

The fan is all set to run with a well proven automatic system

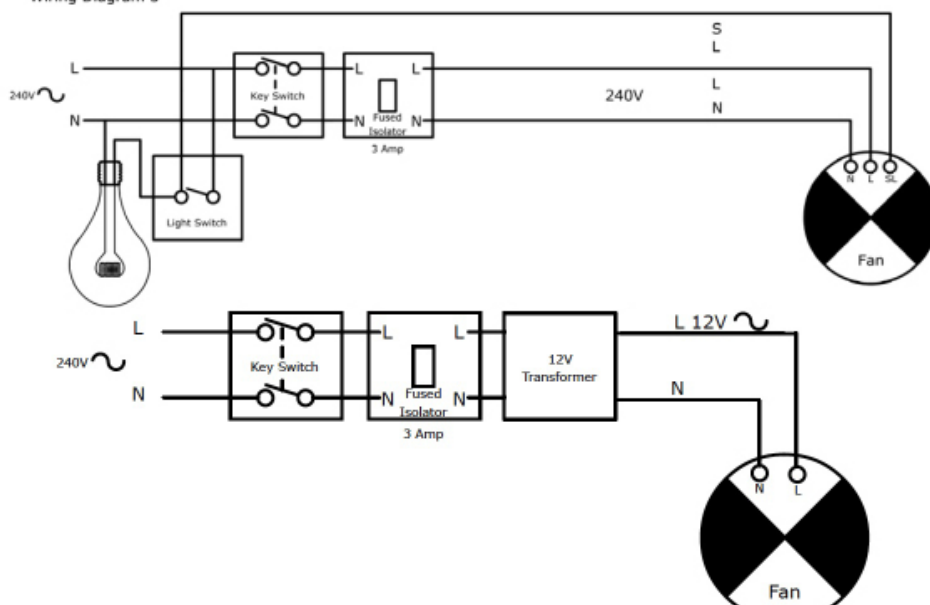
iPhone App control for all aspects of fan operation, including speed, data log, of humidity condition, length of timed overrun and automatic control settings



incorporates  
5 WATT motors.



REMOTE LIGHT SWITCH OVERRIDE ON (240V FAN)  
Wiring Diagram 3



# SPECIFICATIONS

## INPUT

Input Voltage	12v dc or 220-240V 50Hz
Fan Input Power (trickle)	2.5W
Fan Input Power (boost)	5.0W
Heater	0
Earth Leakage	Class II construction, no earth

## PERFORMANCE

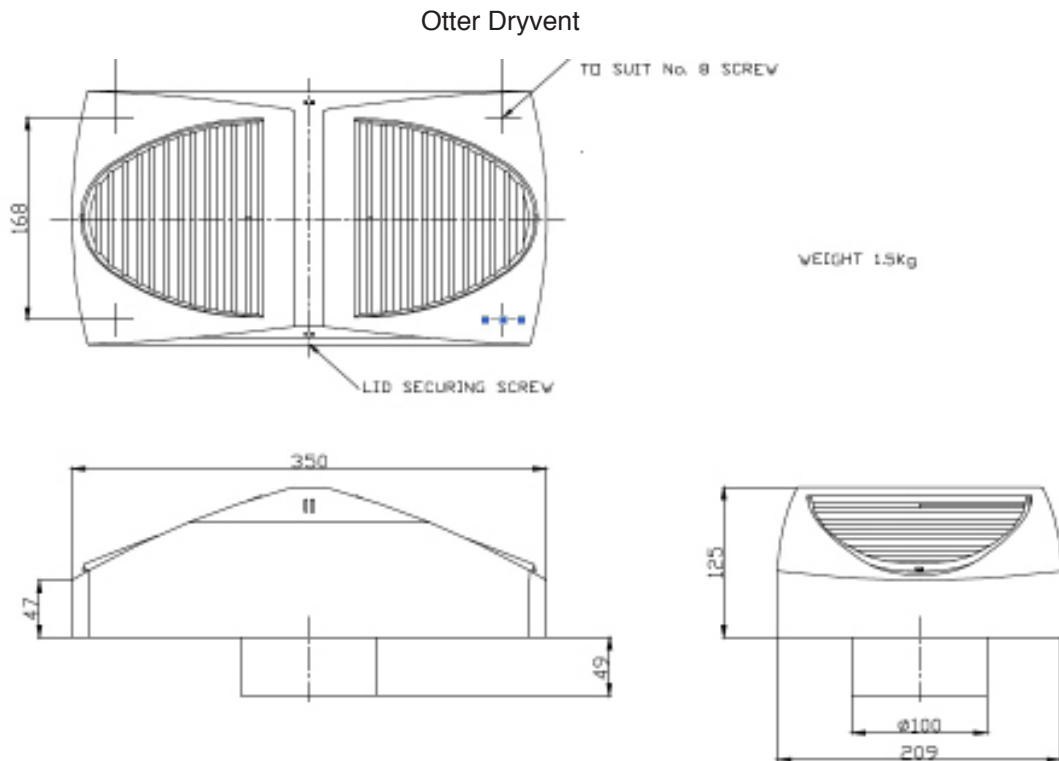
Air Flow (extract)	80m <sup>3</sup> /hr max
Static Pressure	75 Pa
Acoustic Noise	Extract 30 dB(A)
Life Expectancy	>50,000 hours
Specific Fan Power	0.1 W/(l/s)
Protection	Locked rotor automatic restart

## GENERAL

Operating Temperature	-10° to +40°C
Storage Temperature	-15° to +40°C
Weight	2.5Kg
RoHS Compliance	Yes
Optional extras	Remote Air Quality Sensor

## MECHANICAL

Housing Material Mix	Polycarbonate ABS
Impact strength	390 J/m (ASTM D790)
Flammability	UL94 V-0 (2.10mm)
Flame retardant	Non-halogen
Heat distortion	130°C
UV Resistance	1.0 E, 300 hours, ASTM



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