

WAD 100 & 150 ^{BluRay}

WARM AIR DEHUMIDIFIER FAN

Kitchens & bathrooms



ABOUT THE WAD FAN - ^{BluRay}

The Warm Fresh Air Dehumidifier for kitchens is an automated kitchen and Bathroom fan, with dual actions of both intake and extraction of air, with the benefit of warming the fresh external air when it is drawn into the building. This unique feature is available using a single vent to the outside, Choose 150mm or 100 mm fan vent to fit on to an existing. 150mm being the preferred for kitchen and utility installations

The unit operates for your maximum benefit and air condition with internal humidity control, external temperature sensor, light or switch extract and App bluetooth Control.

FEATURES AND BENEFITS

- Fully Automatic warm air dehumidifier that benefits your home throughout
- Filtered warm dry fresh air creates a dryer place in your Kitchen that extends further in to the property
- Extracts air during times of occupancy, expelling excess air bourn moisture when required
- Exchanged into a standard 100 or 150mm vent outlet
- This positive pressure system requires no extra ducting to be extended in to the centre of the property as the air naturally expels past the internal door and in to the middle of your home.
- The 200 watt heater only works when the external temperature is below 14°C and is not required when the fan is in extract mode.
- Incorporates the Autostat humidity controller which continually monitors ambient humidity and automatically adjusts the control level accordingly
- Low energy, low cost fan continuous running at 0 > 60m³/h
- Can be fixed in any orientation (wall, ceiling)
- Polycarbonate ABS mix with fire retardant housing which provides a robust and high temperature resistant casing.
- IP54 water splash resistant
- Manual override extract option via light/switch live or Bluetooth smart phone App
- Remote Autostat available to provide automatic extract mode



SPECIFICATIONS

INPUT

Input Voltage	220-240V 50Hz
Fan Input Power (trickle)	4.5W
Fan Input Power (boost)	6.5W
Heater	200W
Earth Leakage	Class II construction, no earth

PERFORMANCE

Air Flow (intake)	80m ³ /hr max
Air Flow (extract)	140m ³ /hr max
Static Pressure	75 Pa
Acoustic Noise	Input 38 dB(A) Extract 34 dB(A)
Life Expectancy	>50,000 hours
Specific Fan Power	0.2 W/(l/s)
Protection	Locked rotor automatic restart

PART NUMBERS

BluRay WAD 100
BluRay WAD 150

GENERAL

Operating Temperature	-10° to +40°C
Storage Temperature	-15° to +40°C
Weight	3.5kg
RoHS Compliance	Yes
Optional extras	Remote Air Quality Sensor

MECHANICAL

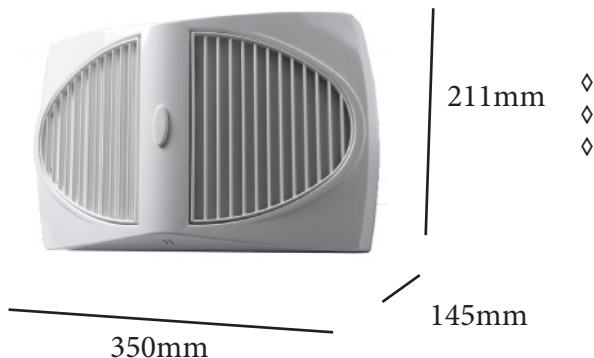
Housing Material Mix	Polycarbonate ABS mix
Impact strength	390 J/m (ASTM D790)
Flammability	UL94 V-0 (2.10mm)
Flame retardant	5VA (2.50mm)
Heat distortion	110°C
UV Resistance	1.0 E, 300 hours, ASTM

Warm Air Dehumidifier fan, integral 200W heater, internal Autostat smart humidity
Recomendation: Override controls for extract, connect to light switch for bath-rooms and within kitchens use remote Autostat IV or manual override switch

160mm hole for
the WAD 150



112mm hole for
the WAD 100



Accessories

Autostat IV
Telescopic Wall Sleeve 100 or 150mm
External Grille for 100 or 150mm



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