

# The Drimaster 365

Drimaster 365 is a unique low-energy, loft mounted Positive Input Ventilation unit, providing whole home ventilation all year round. The unit is fully automatic and intelligently decides which location to supply the air from. It utilises the solar gain within the loft during the colder months subsequently bringing in fresh air during the warmer months.



**SUMMER**

If the loft temperature is above 24°C air is drawn directly from outside, to provide background ventilation. In addition a boost switch is supplied to increase airflow when required.



**WINTER**

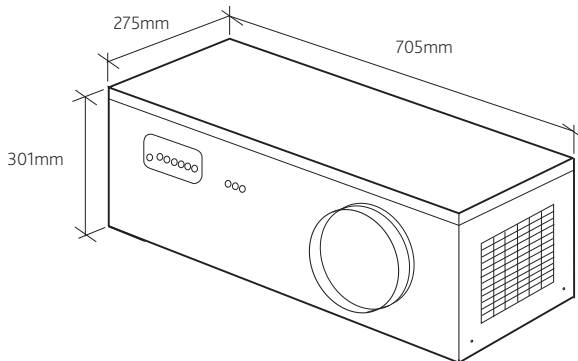
During the colder months tempered air is drawn from the loft space taking advantage of solar gain combined with the heat conducted through the ceiling of the home.



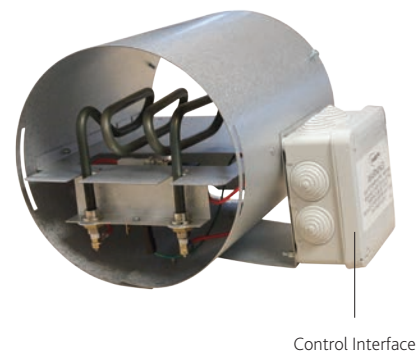
## Technical

**DIMENSIONS (MM) & UNIT WEIGHT**

Weight - 10Kg



**Eco-Dri- Heater**



Control Interface

**ACCESSORIES**



G4 FILTER



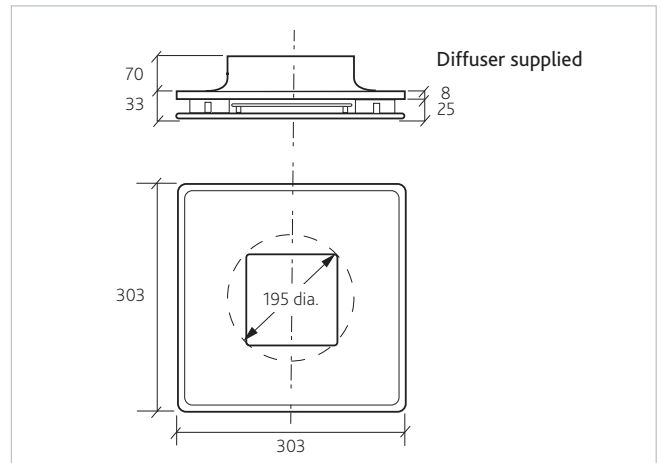
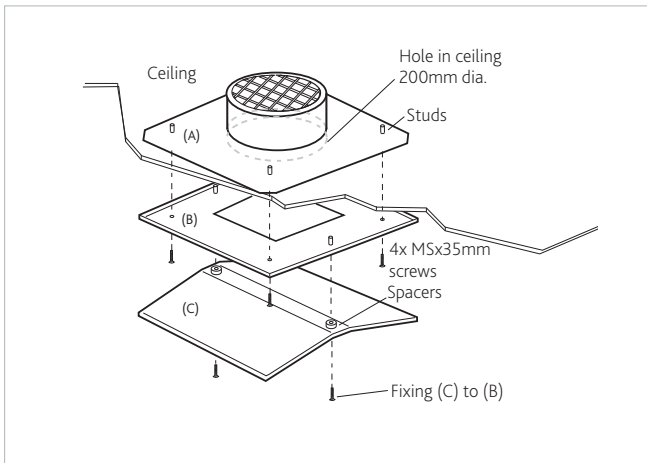
BOOST SWITCH



CEILING DIFFUSER

## OPTIONAL AIR DIFFUSER FOR THREE STOREY DWELLINGS

For use in stairwells of three storey properties, the optional powder-coated aluminium diffuser with 'Fireblock' provides 1 hour of fire resistance in accordance with BS476 Part 20 and ISO834.



## Wiring

Please note: the electrical connection of the unit must be carried out by a qualified electrician.

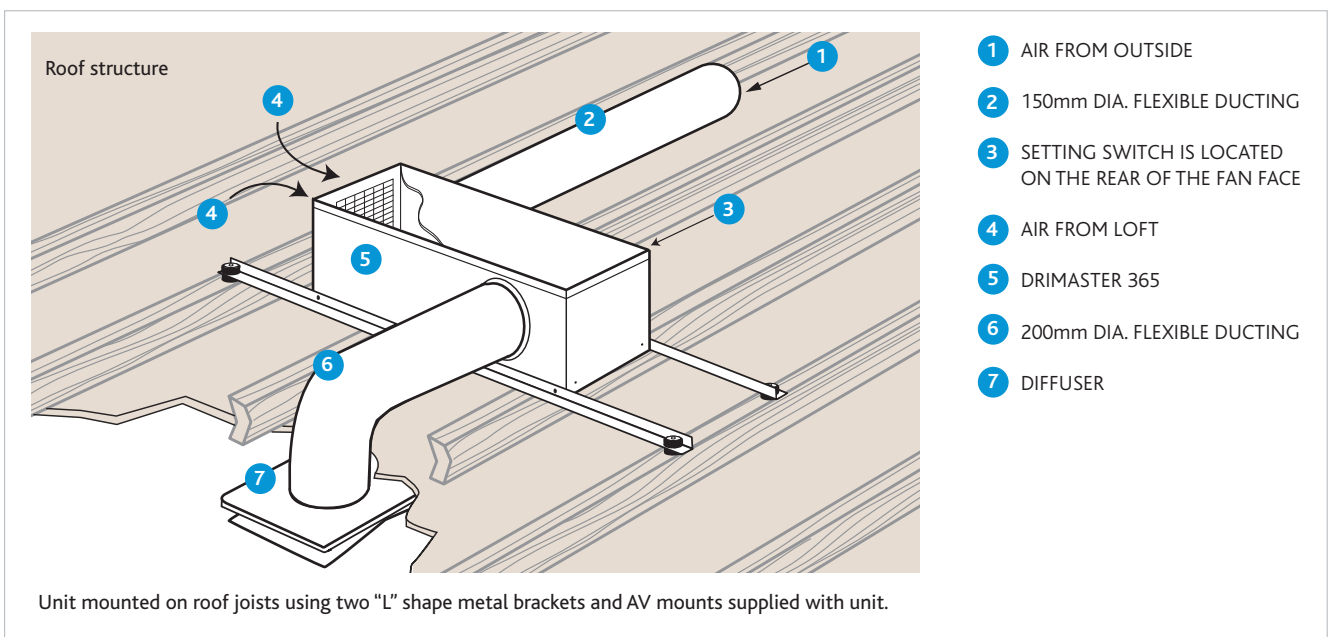
**Note:** This unit must be earthed.

The three core cable from the mains power supply should be connected to a fixed wiring installation, via a fused isolator, in accordance with current IEE wiring regulations.

## Electrical Details

	Voltage	Consumption
Drimaster 365	230V 1ph 50Hz	2W(min) 24W(max)

## Typical Installation



# Consultants Specification

## DRIMASTER 365

Nuaire Drimaster365 ultra low energy positive input ventilation unit.

The unit casing shall be manufactured from thermally lined pre-painted steel.

The casing shall have an easily removable panel to allow access for maintenance.

The unit shall incorporate a filter of G4 grade with an area of approximately 0.47m<sup>2</sup>.

The unit shall incorporate a forward curved centrifugal impeller and high efficiency brushless DC motor fitted with sealed for life, self lubricating bearings and locked rotor protection.

The unit shall be supplied with a purpose designed polymer diffuser for efficient, directable air input using side blanking pieces supplied. The diffuser design shall minimise the accumulation of any condensate run off that may occur in the event of power to the unit being switched off.

The ducting between the unit and the diffuser is supplied with unit.

The unit shall incorporate 6 volume control settings for maximum flexibility and occupant comfort. The unit is fully automatic. If the loft temperature is below 24°C then the unit will draw fresh air from the loft. If the loft temperature is above 24°C then cool fresh air will be drawn from outside the dwelling.

The unit shall incorporate two air inlets, one draws air from the loft, the other from outside via a 150mm dia. spigot.

The unit can be boosted to obtain maximum ventilation by the operation of a boost switch (supplied).

An internal monitor shall record the unit's operational time.

The unit shall be offered with a 5 year warranty.

For information on reducing radon egress, it is suggested that the details given in Positive pressurisation: a guide to radon remedial measures in existing dwellings may be considered.