

## Ventilation Requirements

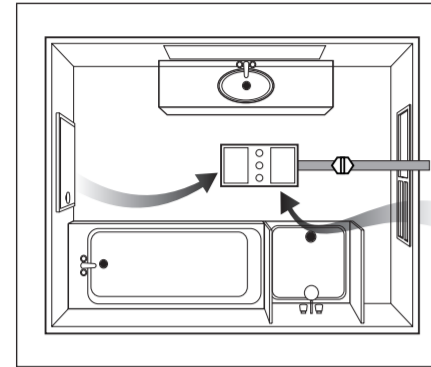


Fig. 1: Ideal placement of Tastic. Sufficient air inlets into room are required

For maximum efficiency and fan performance there are a few key points to keep in mind when installing your Tastic.

### Sufficient air inlet into room

Steam will only be removed if there is sufficient flow of air through the room. Ensure generous inlets exist through windows, vents or under the door. Air flow path from inlet to fan should ideally pass over the steam sources (see Fig. 1).

Bathrooms which have high ceilings, are larger than average, or have an open shower may all require additional ventilation. We recommend that you visit our website for further details and suggestions on effectively ventilating your bathroom.

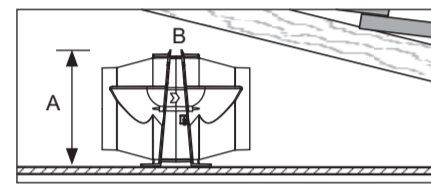


Fig. 2a: Minimum blower clearances

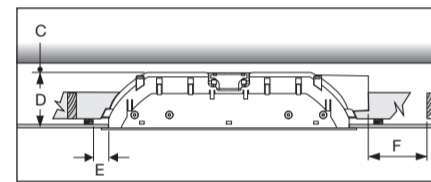


Fig. 2b: Minimum clearances for installation

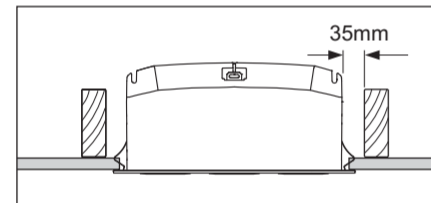


Fig. 2c: Minimum clearances for installation

## Clearances

This appliance must be mounted so that the lowest point is at least 2.3 m above the floor. The Tastic body and ducted blower is designed to fit a ceiling cavity or between – floor space with a minimum height of 230 mm. The Tastic may be installed between joists using the spring clips (Fig. 2c). Ensure that the outlet of the Tastic is directed towards the outer wall. If the desired orientation of the Tastic unit directs the ducting across ceiling joists ensure that the closest ceiling joist is not within 200 mm of the Tastic outlet.

- Figure 2a**  
A: 215 mm B: 15 mm min. clearance above unit
- Figure 2b**  
C: 15 mm D:166 mm E: 35 mm F: 200 mm min.
- Figure 2c**  
35 mm min. clearance is required near all joists

## Electrical Requirements



See the wiring diagrams on the following pages for supply requirements and maximum loadings for each model. Tastics may be connected to a lighting or power circuit if loading permits. These models are for wired-in installation and wiring must be carried out by a registered electrician. \*Switches and a wall plate are provided with the hardwired Tastic Neo's. A remote control is provided with the Smart Switch models. Do not use this product with any solid state speed control or commercial dimming device.

**NOTE:** The Permanent Active Connection must be provided on the hardwired models so the unit can function as it was designed to do so.

\* Number of switches depends on your Tastic model.

## Overview

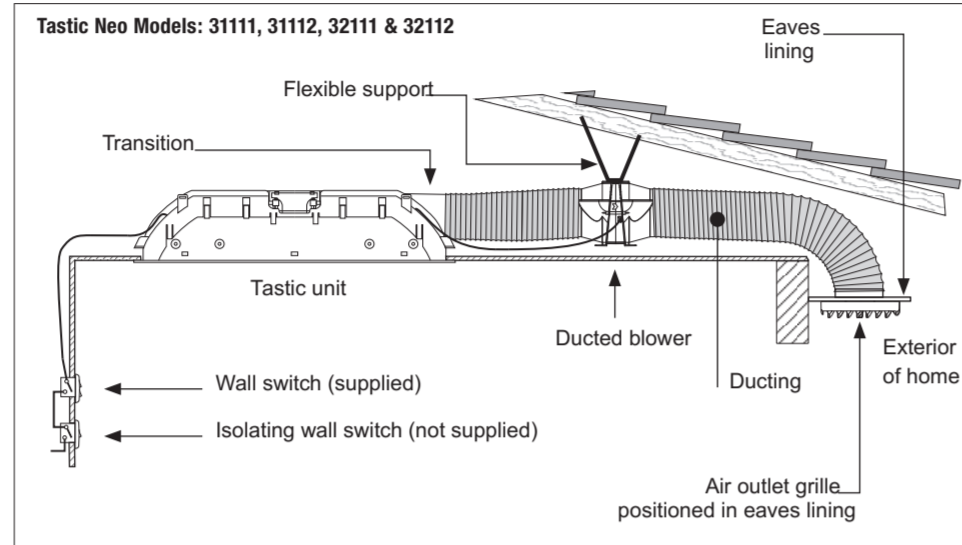


Fig. 3: Layout of Tastic Neo Single and Dual.

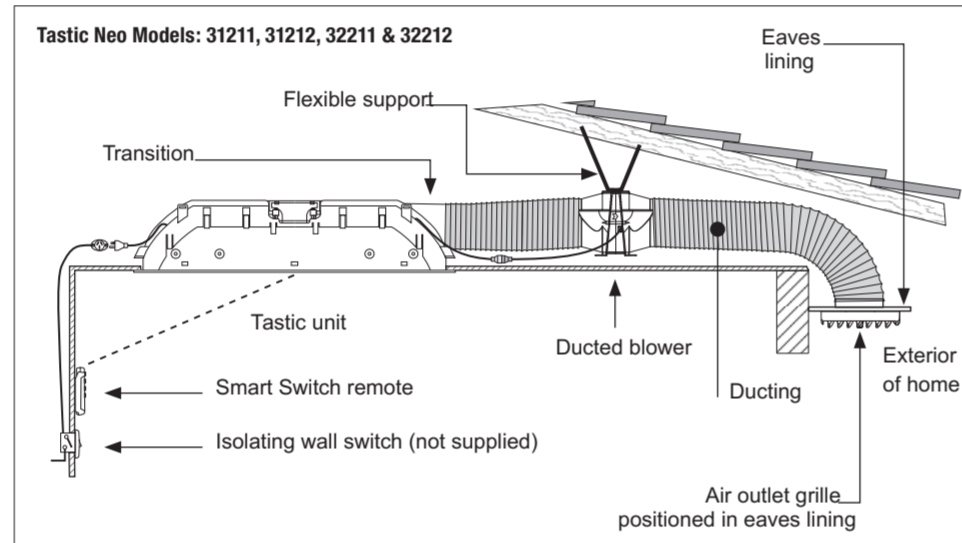


Fig. 4: Layout of Tastic Neo Smart Switch Single and Dual.

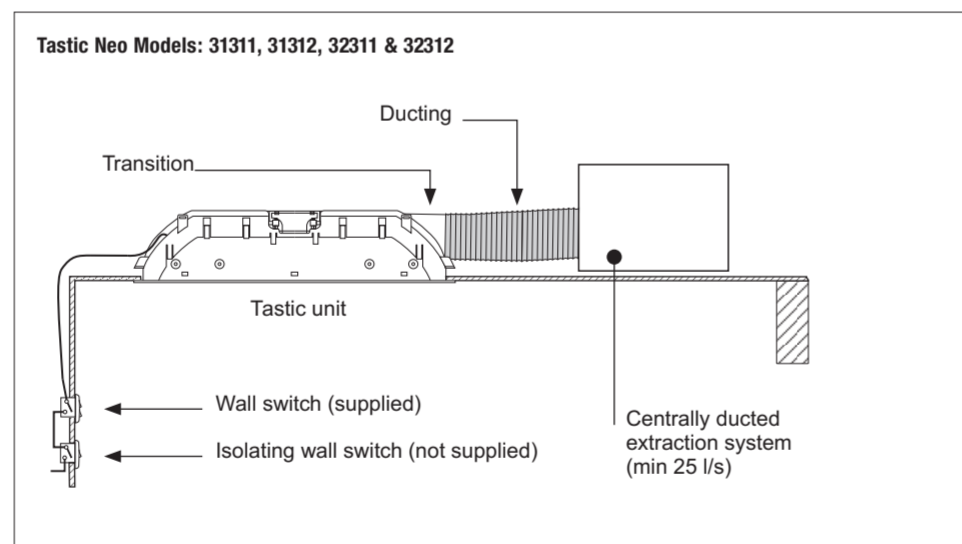
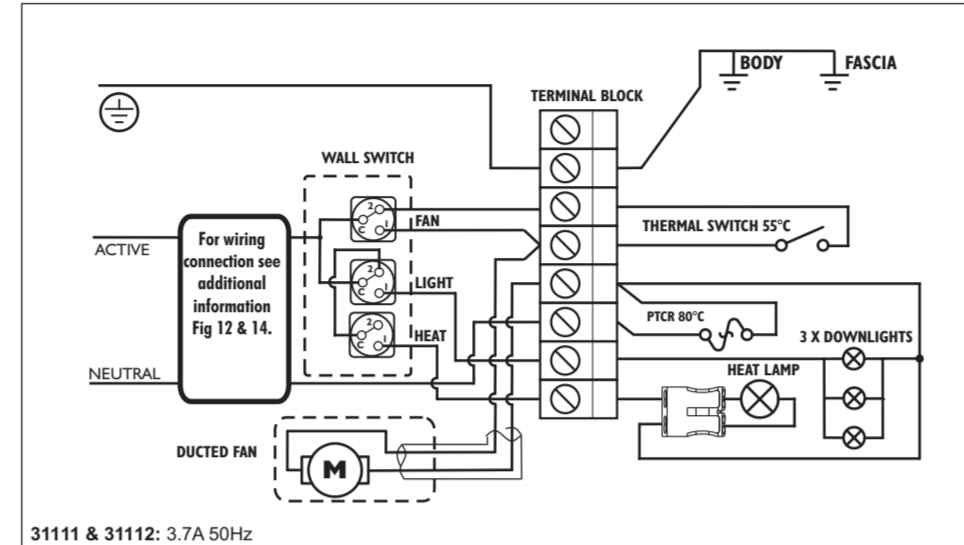


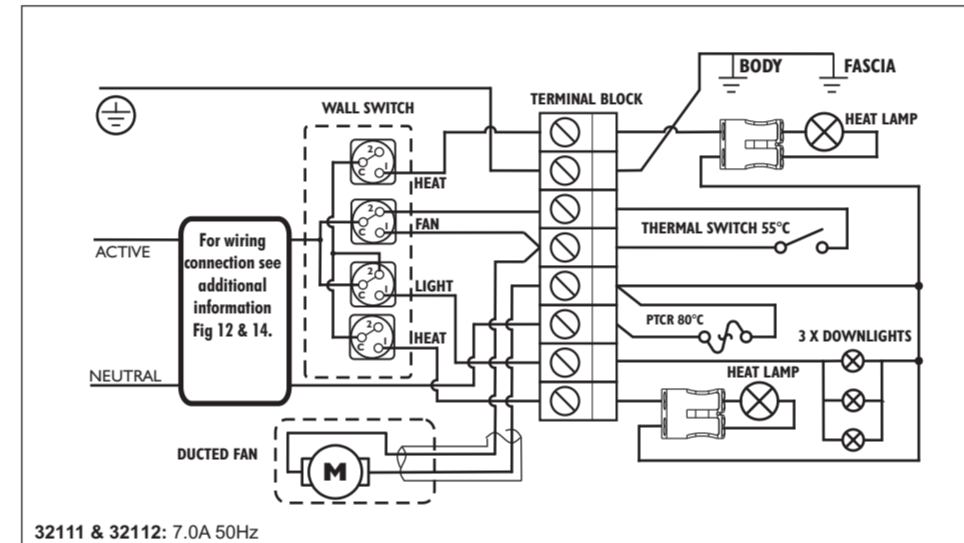
Fig. 5: Layout of Tastic Neo Commercial Single and Dual.

## Wiring Diagrams



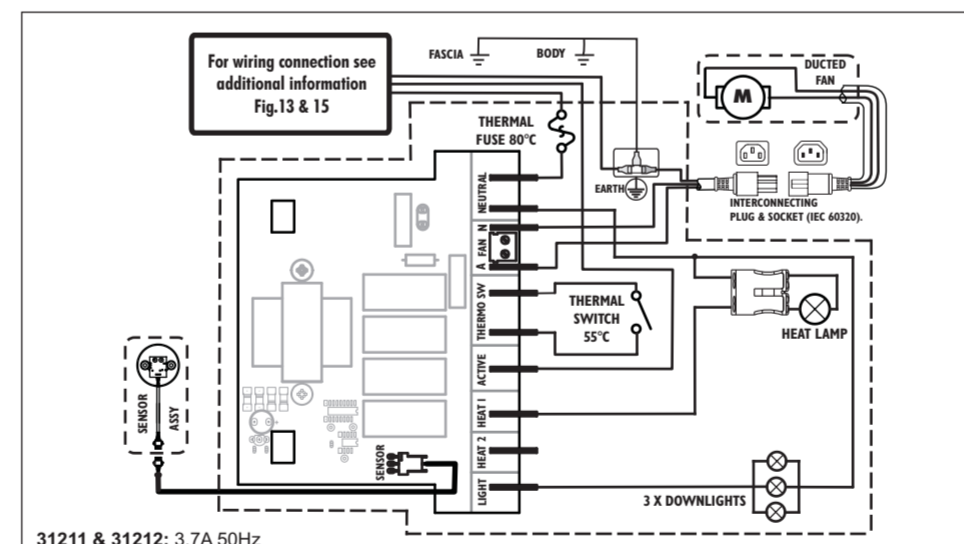
31111 & 31112: 3.7A 50Hz

Fig. 6: Wiring diagram for model 31111 and 31112.



32111 & 32112: 7.0A 50Hz

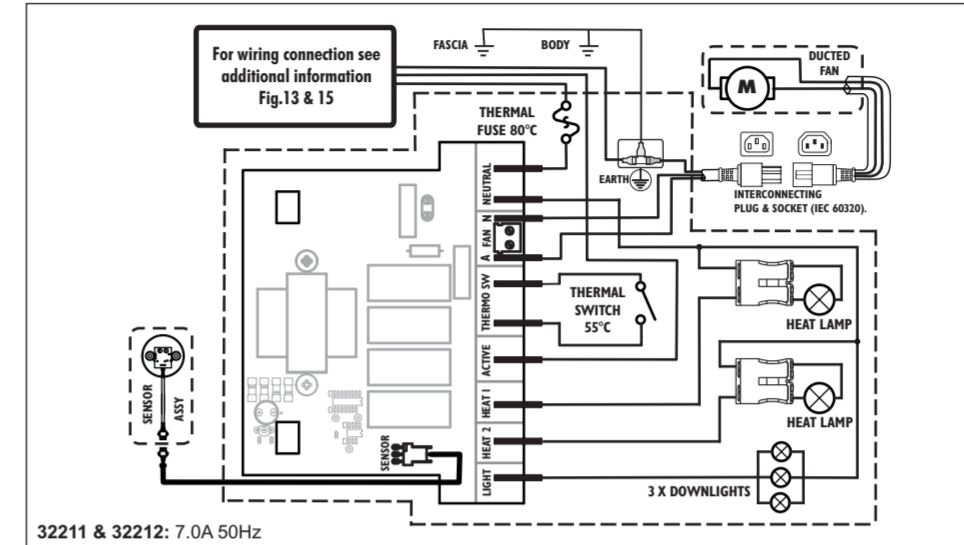
Fig. 7: Wiring diagram for model 32111 and 32112.



31211 & 31212: 3.7A 50Hz

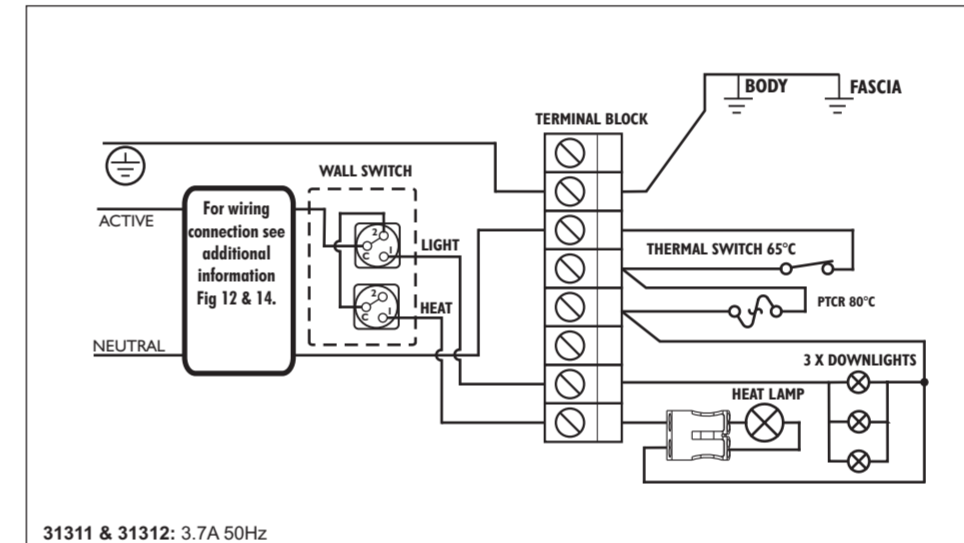
Fig. 8: Wiring diagram for models 31211 and 31212.

## Wiring Diagrams



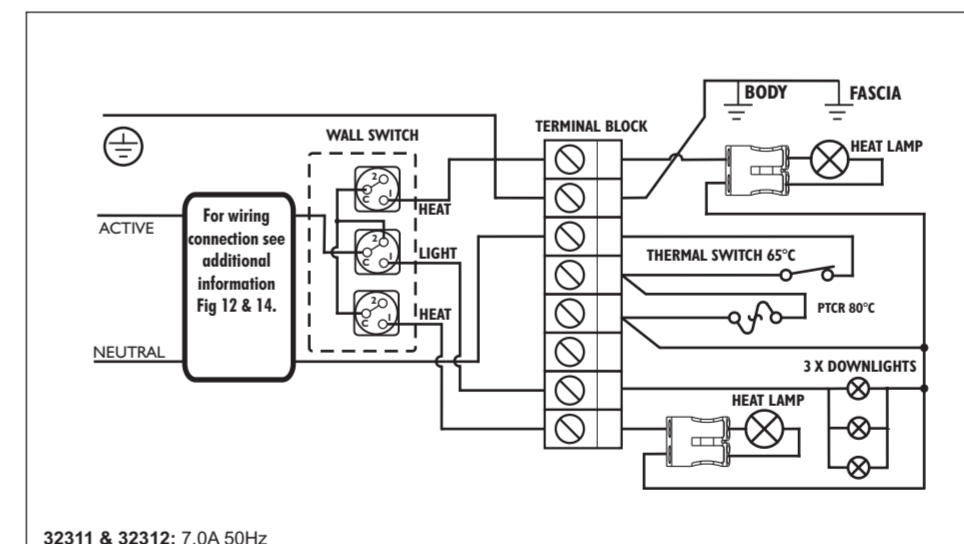
32211 & 32212: 7.0A 50Hz

Fig. 9: Wiring diagram for model 32211 and 32212.



31311 & 31312: 3.7A 50Hz

Fig. 10: Wiring diagram for model 31311 and 31312.



32311 & 32312: 7.0A 50Hz

Fig. 11: Wiring diagram for model 32311 and 32312.

## Wiring – Aust & NZ

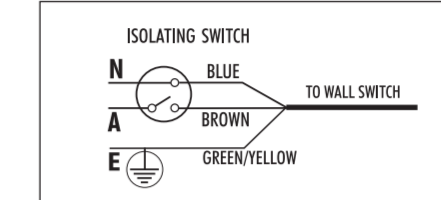


Fig. 12: Hardwired

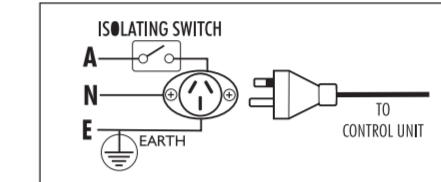


Fig. 13: Smart Switch

### Hardwired models 31111, 31112, 32111 & 32112: Commercial models 31311, 31312, 32311 & 32312:

A local isolating switch (not supplied) must be incorporated in the fixed wiring to the appliance to allow disconnection of supply during maintenance. This isolating switch should be located in close proximity to the Tastic and must be installed in accordance with applicable Wiring Codes.

### Smart Switch models 31211, 31212, 32211 & 32212:

Switch the power outlet for the Control Unit with a wall switch (not supplied) as per Fig. 13. Do not mount the power outlet for the Control Unit more than 200 mm from the Tastic. In both versions the wall switch should be located in accordance with Wiring Rules AS/NZS 3000. It must not be installed where it can be reached from the bath recess or enclosure (see AS/NZS 3000 Section 7).

## Wiring – UK & Ire

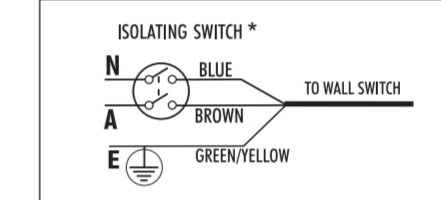


Fig. 14: Hardwired

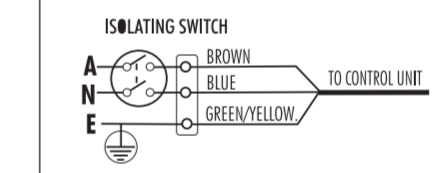


Fig. 15: Smart Switch

### Hardwired models 31111, 31112, 32111 & 32112: Commercial models 31311, 31312, 32311 & 32312:

The wall switch should be located in accordance with the applicable Wiring Rules and it must not be installed where it can be reached from the bath or shower recess or enclosure.

### Smart Switch models 31211, 31212, 32211 & 32212:

Supply should be connected to the Tastic 3-core power lead as per the diagram below. The plug fitted to the power cord is to be cut off and the wires stripped to allow connection. See Fig. 15. A local isolating switch (not supplied) must be incorporated in the fixed wiring to the appliance to allow disconnection of supply during maintenance. This isolating switch should be located in close proximity to the Tastic and must be installed in accordance with applicable Wiring Codes.

The colours of the wires in the Tastic 3-core lead may not correspond to those in the fixed wiring. The designation of poles for the Tastic power leads are as follows:

Tastic Wire Colour	Connect to Supply Pole
Brown	Live
Blue	Neutral
Green/ Yellow	Earth

## Installation

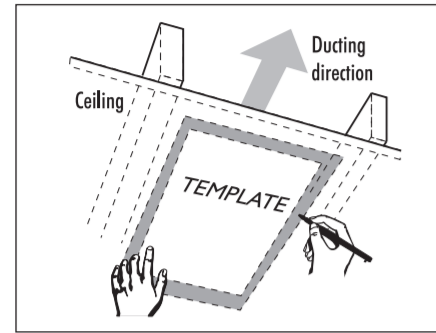


Fig. 16: Use template to mark position of Tastic

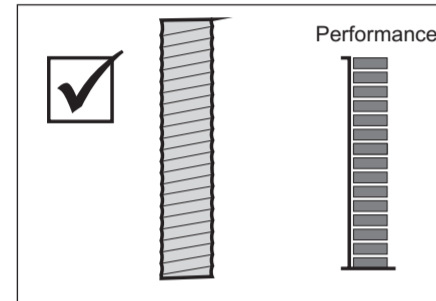


Fig. 17: Straight ducting

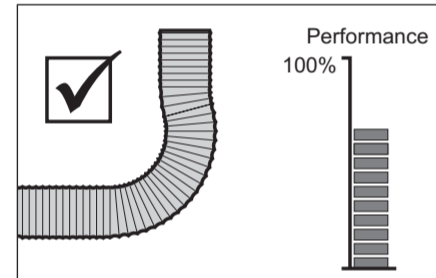


Fig. 18: Gradual bends, ducting stretched straight.

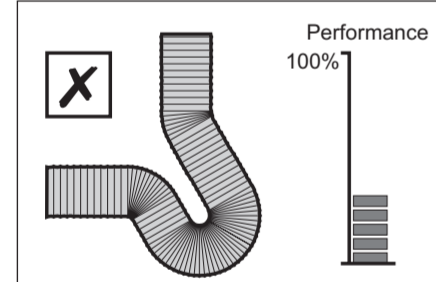


Fig. 19: Tightly compressed bends

The Tastic may be installed between joists using the spring clips, clearances for the two vertical sides must be maintained as per Fig. 2c.

**IMPORTANT:** Joists, beams and rafters shall not be cut or notched to install the appliance.

Depending on your model, the Tastic has a weight of 4.5 – 8 kg (see below). If adequate support is not available for the Tastic, it may be necessary to provide extra strengthening.

Neo Single – approx 4.5 kg  
Neo Dual – approx 8 kg

If ceiling battens have been cut to install this product then ensure that the cut ceiling battens are adequately secured to rafters.

**NOTE:** This product must be installed by a qualified installer. Ensure power is off to location of Tastic.

### Cut out hole for Tastic body

1. After determining the location of components according to the directions, mark out and cut aperture in ceiling for Tastic NEO unit using the template supplied with the Tastic. Trim the template to the outside of the black outline.
2. Unscrew terminal cover on Hardwired and Commercial models.

### Ducting

1. These products have been designed to suit 150 mm dia. ducting. Determine the length of ducting required ensuring that the length is as short as possible. Refer to Fig's 17-19 to attain optimum performance.
2. Tape a length of ducting 1 m long (max) between the blower inlet and the Transition. Tape remaining length of ducting to exit of blower.

**Commercial models:** Tape a length of ducting between the central extraction system and the Transition.

## Installation

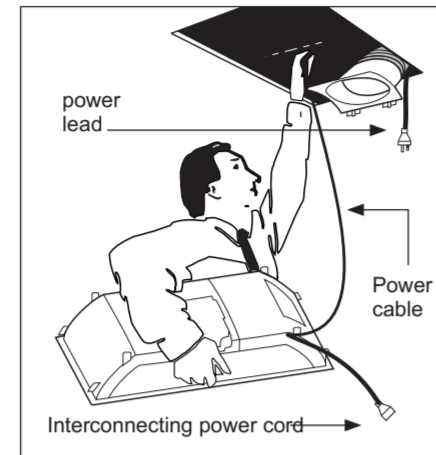


Fig. 20

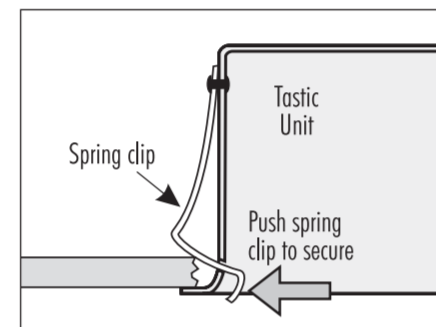


Fig. 21

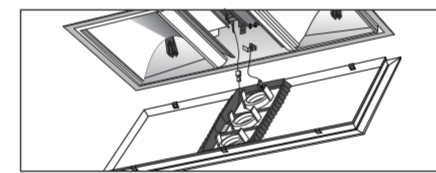


Fig. 22

### Installing the Ducted Blower

**NOTE:** The transition is assembled to the main body before the main body has been snapped into place in the ceiling.

1. Feed ducting and blower through hole in ceiling. While feeding ducting into ceiling direct it towards the installation position of the outlet grille. Position blower so that the short length of ducting is stretched out and Transition piece along with stripped or terminated wire is sitting next to the hole as per Fig. 20.

2. Make the necessary electrical connections.

**Smart switch models:** Connect ducted blower power cord into interconnecting socket provided and connect power cord to socket outlet.

**Hardwired models:** Connect ducted blower power cord to terminal block as per wiring diagram and connect wall switch to terminal block as per circuit diagram.

### Final Assembly

1. Clip transition to the body, ensuring that the ducting taped to the transition is not dislodged.
2. Push the Tastic body into the aperture, allowing the metal springs to snap open. As the Tastic is raised into ceiling, ensure electrical cables do not rest over Tastic.
3. To secure the unit in position, push lower ends of springs apart (Fig 21). Ceiling board thickness should be adjusted to enable springs to be fitted without excessive force.
4. Bring fascia assembly up to the Tastic body. (Fig. 22) Connect the earthing wire to the fascia and connect the IR sensor lead (Smart Switch models).
5. Clip fascia into the Tastic body.
6. Using care, fit the tubular heat lamps into the lamp holders. Be careful not to touch the glass surface as oils from skin can shorten the life of the glass lamp. A clean soft cloth or tissue is recommended. Ensure that the white reflective layer on the tubular heat lamp is on the upper side of the lamp, ie lamp is pointing downwards.

## Installation

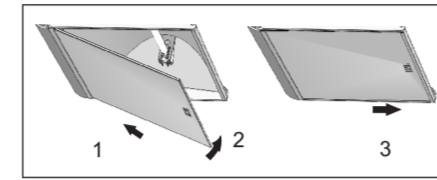


Fig. 23

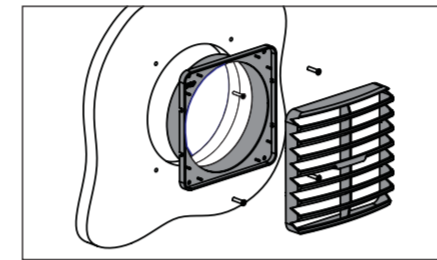


Fig. 24

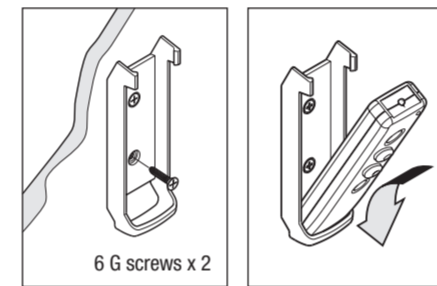


Fig. 25

Fig. 26

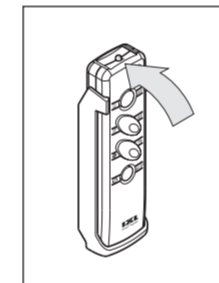


Fig. 27

7. Clip the downlight mounts into the fascia.
8. Fit the glass sheets to the heat lamp reflector bodies Fig. 23.
9. Turn on the power at the isolating switch and check operation of the Tastic.

### Installing the Grille

1. Cut a hole 160 mm in diameter in eaves or outer wall. Feed ducting out through this hole and tape to the Grille baseplate.
2. Feed the ducting back through the hole so that the Grille base is against the eaves or outer wall.
3. Fix Grille base with four 6 G screws and snap fit the Grille louvres over the Grille base as shown in Fig. 24.

### Mounting the Smart Switch Remote Cradle

1. Select a suitable position for the Easy Duct Smart Switch Remote cradle.
2. Check that the sensor will receive signals from the remote in the location you have selected.
3. At the position selected for the cradle to be mounted, mark the positions of the two screw holes. If mounting into plasterboard or masonry you may require specific wall plugs or masonry anchors (not included) to provide suitable support for the cradle and remote.
4. Screw the cradle to the wall using 2 x 6 G screws (not supplied) and tighten screws (Fig. 25)
5. Swing the top of the handset into the cradle (Fig. 26 - 27.)
6. Ensure that the dip switches in the hand set are correctly set for your local ventilation requirements Refer to User Guide Fig. 5 - 7 (pages 9 - 10).
7. Check the operation of all Tastic functions.

Fold along this edge to create single lamp cutout template

Template Neo Single - Models: 31111, 31112, 31211, 31212, 31311 & 31312

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Innovating since 1858

### Template Guide

**Tastic<sup>®</sup>**  
**NEÖ**  
Heat • Vent • Light

Model: 31111 Neo Single White - Hardwired  
Model: 31112 Neo Single Silver - Hardwired  
Model: 31211 Neo Single White - Remote  
Model: 31212 Neo Single Silver - Remote  
Model: 31311 Neo Single White - Commercial  
Model: 31312 Neo Single Silver - Commercial

Model: 32111 Neo Dual White - Hardwired  
Model: 32112 Neo Dual Silver - Hardwired  
Model: 32211 Neo Dual White - Remote  
Model: 32212 Neo Dual Silver - Remote  
Model: 32311 Neo Dual White - Commercial  
Model: 32312 Neo Dual Silver - Commercial

Electrical Rating: 230-240 V, 50 Hz.



Models: 31111, 31212, 32211, 32212, 31311 and 32312 Neo Dual

Part number 011025\_0



For comments, questions or warranty matters:

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