

Ventilation Requirements

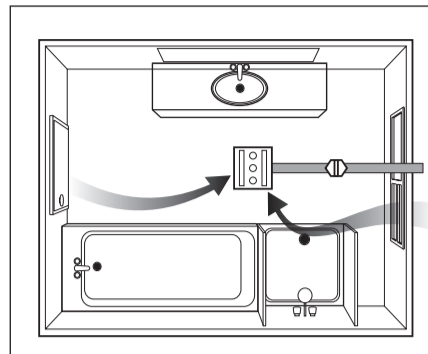


Fig. 1: Ideal placement of Ventilation units. Sufficient air inlets into room are required

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.

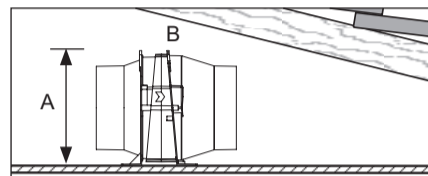


Fig. 2a: Minimum blower clearances

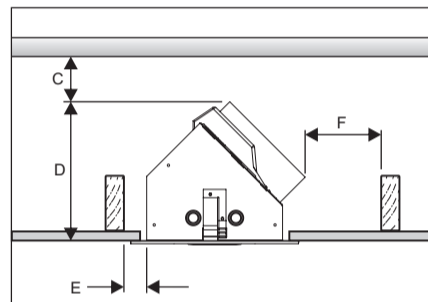


Fig. 2b: Minimum clearances for installation

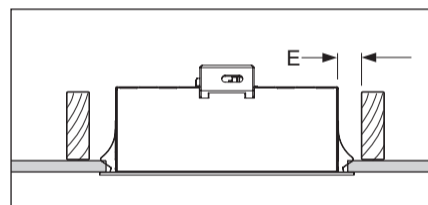


Fig. 2c: Minimum clearances for installation

Clearances

All appliances must be mounted so that the lowest point is at least 2.3 m above the floor. The Vent body and ducted blower is designed to fit a ceiling cavity or between – floor space with a minimum height of 245 mm. The modules may be installed between joists using the spring clips (Fig. 2c). Ensure that the outlet of the Vent unit is directed towards the outer wall. If the desired orientation of the Vent unit directs the ducting across ceiling joists ensure that the closest ceiling joist is not within 150 mm of the Vent outlet.

Note: Neo Heat Modules (models 36111 & 36112) must be located at least 1m away from the nearest wall.

Figure 2a
A: 215 mm B: 15 mm min. clearance above unit

Figure 2b
C: Models: 34101, 34102, 35101 & 35102 - 50 mm
Models: 36111 & 36112 - 75 mm
D: Models: 34101, 34102, 35101 & 35102 - 195 mm
Models: 36111 & 36112 - 151 mm
E: Models: 34101, 34102, 35101 & 35102 - 35 mm to structural member
Models: 36111 & 36112 - 50mm to structural members.
F: Models: 34101, 34102, 35101 & 35102 - 150 mm.

Figure 2c
Models: 34101, 34102, 35101 & 35102 - 35 mm min. clearance is required near all joists
Models: 36111 & 36112 - 50 mm min. clearance is required near all joists.

Overview

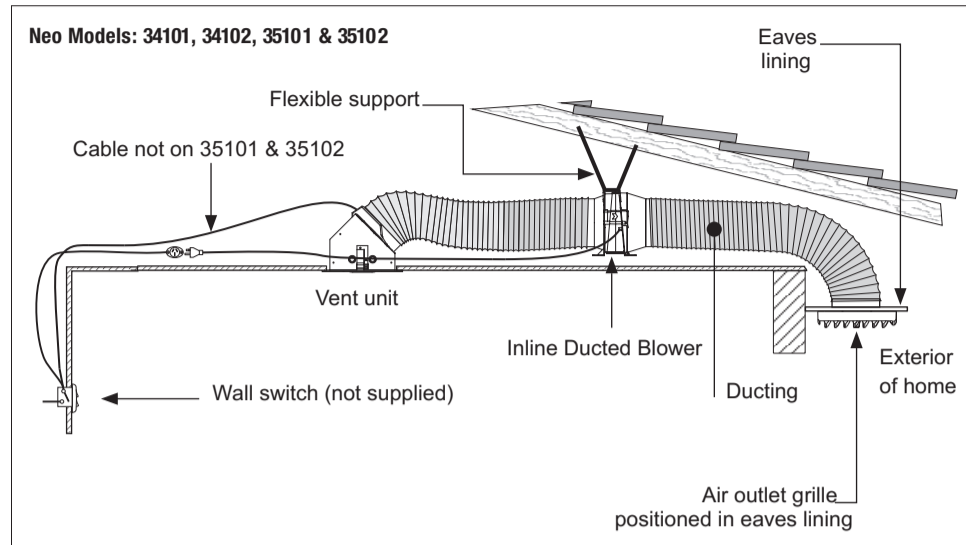


Fig. 3: Layout of Neo Vent and Vent n Lite.

Electrical Requirements

Neo modules are fitted with LED centre lamps. To ensure correct operation and to prolong the life of the LEDs please wire as per the following wiring diagrams for the appropriate model.

See the wiring diagrams on the following pages for supply requirements and maximum loadings for each model. Modules 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 not provided with the hardwired Neo modules. Do not use this product with any solid state speed control or commercial dimming device.

Wiring Diagrams

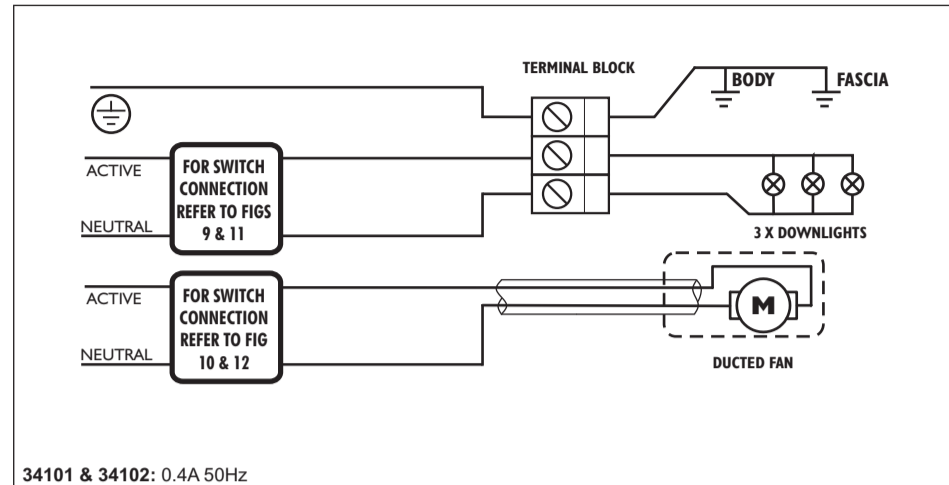


Fig. 6: Wiring diagram for models 34101 and 34102, Neo Vent n Lite.

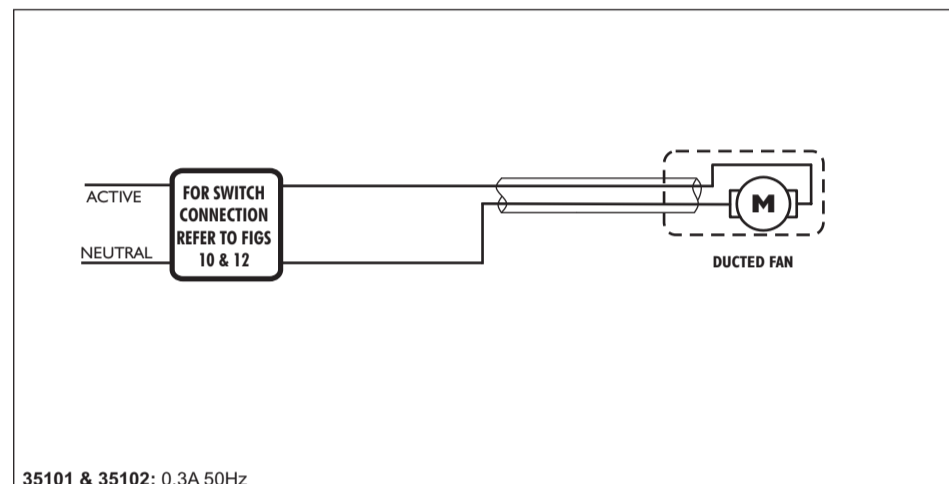


Fig. 7: Wiring diagram for model 35101 and 35102, Neo Vent.

Wiring Diagrams

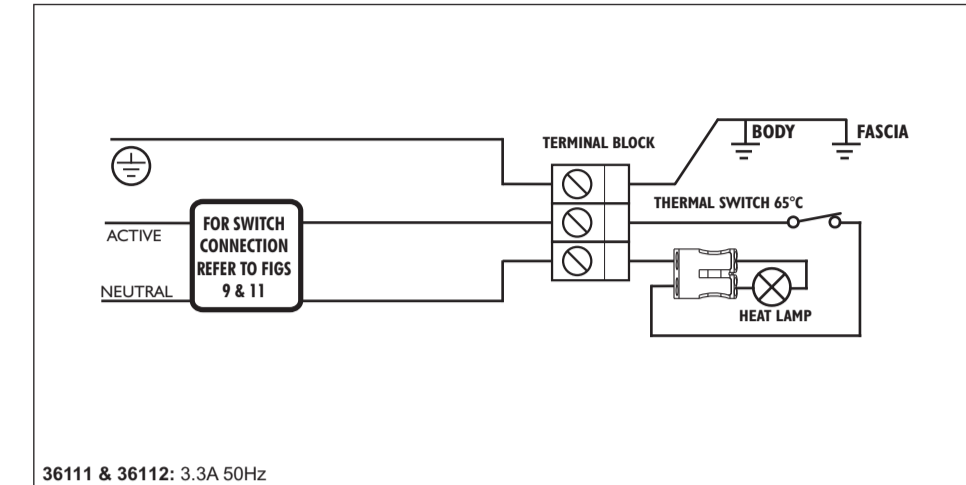


Fig. 8: Wiring diagram for model 36111 and 36112, Neo Heat.

Wiring – Aust & NZ

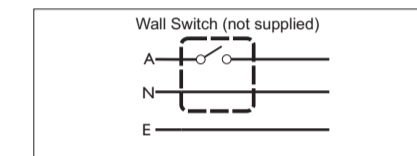


Fig. 9

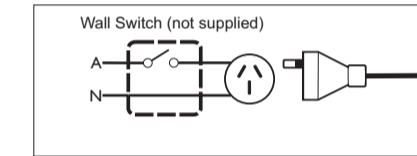


Fig. 10: Inline Ducted Blower

In all versions 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, and the wall switch, must be located in accordance with Wiring Rules AS/NZS 3000. They must not be installed where it can be reached from the bath or shower recess or enclosure (see AS/NZS 3000 Section 7).

Vent & Vent n Lite models 34101, 34102, 35101 & 35102: Switch the power outlet for the Inline Blower with a wall switch (not supplied) as per the Wiring Diagrams. Do not mount the power outlet for the Inline Blower more than 200 mm from the Inline Blower.

Wiring – UK & Eire

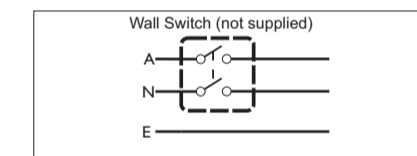


Fig. 11

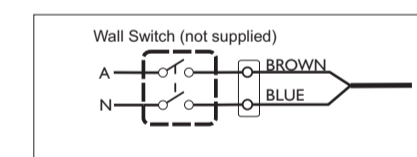


Fig. 12: Inline Ducted Blower

** This switch must be double-pole type with minimum 3 mm contact gap.*

In all versions 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, and the wall switch, must 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.

Vent and Vent n Lite models 34101, 34102, 35101 & 35102: Supply should be connected to the Inline Blower 2-core power lead as per the Wiring Diagrams. The plug fitted to the power cord is to be cut off and the wires stripped to allow connection.

The colours of the wires in the Inline Blower 2-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

Cut-out size: 292mm x 332mm

Installation

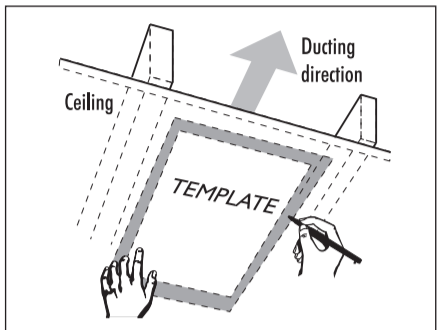


Fig. 13: Use template to mark position of module

The Neo modules may be installed between joists using the spring clips, clearances must be maintained as per Fig. 2b, 2c & 2d.

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

Depending on your model, the modules have a weight of 1.0 – 2.6 kg (see below). If adequate support is not available for the modules, it may be necessary to provide extra strengthening.

- Neo Light small – approx 1.0 kg
- Neo Light large – approx 1.3 kg
- Neo Vent n Lite - approx 1.9 kg
- Neo Vent - approx 1.5 kg
- Neo Heat - approx 2.6 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 Neo module

After determining the location of the Neo module, mark out and cut aperture in ceiling using the appropriate template. Trim the template to the outside of the black outline.

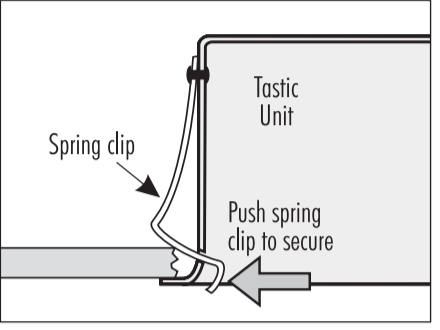


Fig. 16

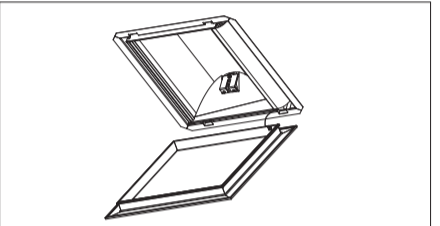


Fig. 17

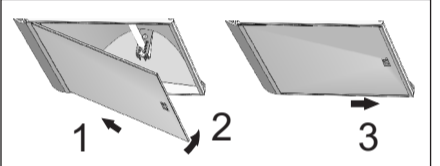


Fig. 18

Installation

Heat module (models 36111 & 36112)

IMPORTANT: Under no circumstances shall this appliance be covered with insulating material or similar material.

1. Unscrew terminal cover and make necessary electrical connections. Refit terminal cover. Do not turn on power to unit.
2. Push unit into ceiling aperture, allowing metal springs to snap open. As the unit is raised into the ceiling, ensure electric cable does not rest on the unit.
3. To secure the unit in position, push lower ends of springs apart (Fig 16.). Ceiling board thickness should be adjusted to enable springs to be fitted without excessive force.
4. Bring fascia up to unit and connect the earthing wire. Clip fascia into the unit. Fig 17.
5. 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.
6. Fit the glass sheets to the heat lamp reflector bodies Fig. 18.
7. Turn on the power at the isolating switch and check operation of the unit.

Trim to outside of black line.

TEMPLATE MODELS: 36111 & 36112

Cut-out size: 214mm x 332mm

Installation

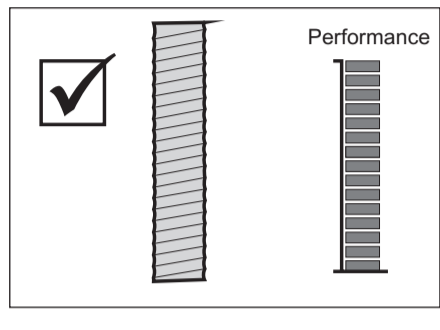


Fig. 19: Straight ducting

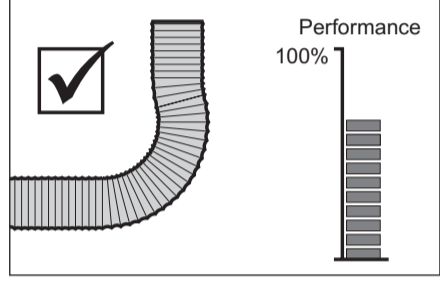


Fig. 20: Gradual bends, ducting stretched straight.

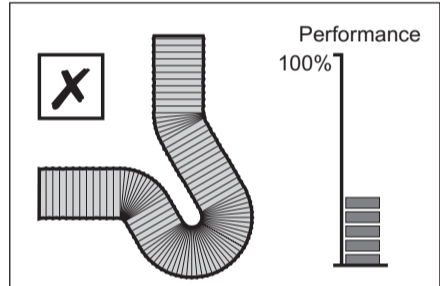


Fig. 21: Tightly compressed bends

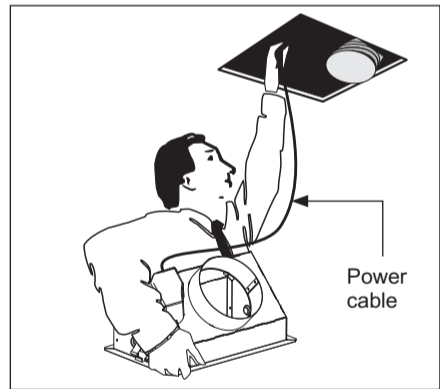


Fig. 22

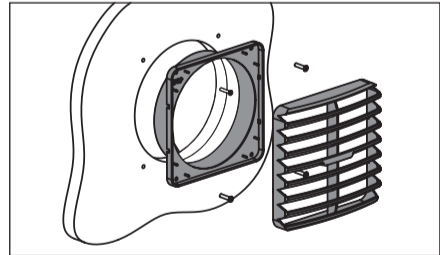


Fig. 23

Vent and Vent n Lite modules (models 34101, 34102, 35101 & 35102)

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 19-21 to attain optimum performance.
2. Tape a length of ducting 1 m long (max) to the blower inlet. Tape remaining length of ducting to exit of blower.
3. 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 and stripped wire (models 34101 & 34102) is sitting next to the hole as per Fig. 22.
4. Make the necessary electrical connections. Refit terminal cover.
5. Tape short length of ducting, from blower inlet, to transition.
6. Push unit into ceiling aperture, allowing metal springs to snap open. As the unit is raised into the ceiling, ensure electric cable do not rest on the unit.
7. To secure the unit in position, push lower ends of springs apart (Fig 16.). Ceiling board thickness should be adjusted to enable springs to be fitted without excessive force.
8. Bring fascia up to unit and connect the earthing wire (models 34101 & 34102). Clip fascia into the unit. Fig 17.
9. Remove downlight mounts and fit down lights. Connect lamp holders to downlights and refit downlight mounts (models 34101 & 34102).
10. Turn on the power at the isolating switch and check operation of the unit.

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. 23.

Note: A piece of fly screen can be fitted to the Grille base prior to fitting the Grille louvre.

Trim to outside of black line.

TEMPLATE MODELS: 34101, 34102, 35101 & 35102



Template Guide Tastic® NEO™ Modules - Heat • Vent • Light

- Model: 34101 Neo Vent n Lite White - Hardwired
- Model: 34102 Neo Vent n Lite Silver - Hardwired
- Model: 35101 Neo Vent White - Hardwired
- Model: 35102 Neo Vent Silver - Hardwired
- Model: 36111 Neo Heat White - Hardwired
- Model: 36112 Neo Heat Silver - Hardwired

Electrical Rating 230 - 240 V. 50 Hz



Model: 36111, 36112, Neo Heat



Model: 34101, 34102, Neo Vent n Lite



Model: 35101, 35102, Neo Vent