

Operating Instructions



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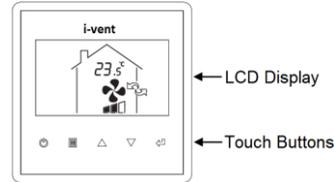
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I. Features

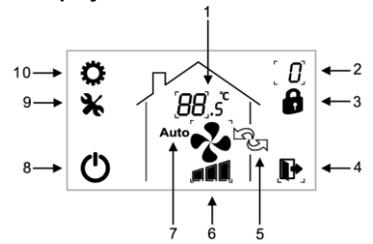
- Large LCD display with white backlight
- Capacitive Touch Buttons
- Supports standard and outside air ventilation systems
- Auto or manual fan speed control
- Optional keypad lock
- Adjustable fan speed temperature set points

II. Get to Know Your Controller

1. Appearance



2. Display Information



1. Roof Space Temperature
2. Outside Air Mode On (optional)
3. Touch Button Lock (optional)
4. Outside Air Flowing
5. Fan On
6. Manual Fan Speed Bar Graph
7. Auto Fan Speed
8. System Off Indicator
9. Installer Test
10. Installer Setup

VEC8675WP10_NZ
Controller

3. i-vent System Applications

Standard

The standard i-vent system circulates dry filtered air from the roof space into the home. In automatic mode the i-vent controller adjusts the fan speed based on the roof space temperature, switching it off if it gets too hot. Manual fan speed control can be selected if required.

Outside Air Option

If the i-vent system has the Outside Air option you may choose to draw in outside air automatically when the roof space air is too hot. This is ideal for summer. You may also choose to operate the i-vent controller in manual fan speed mode with the outside air flowing continuously.

III. Operating Instructions

1. Power On/Off

Tap on the touch buttons to power On/Off the i-vent controller.



2. Auto Setting

Keep tapping or until **Auto** is displayed.

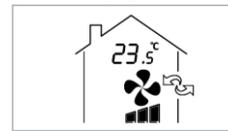


Auto is the best choice for optimum ventilation and comfort.

3. Manual Fan Speed Setting

Manual fan speeds can be selected, Low, Medium or High. Manual speeds are represented by 3 bars.

Keep tapping or until the desired speed is displayed.

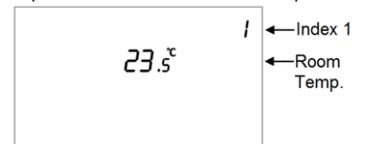


- High speed
- Medium speed
- Low speed
- Auto speed, no bars

4. View Room Temperature

Normally the roof space temperature is displayed. Room temperature can be viewed if required.

Tap once to view the room temperature.



Tap twice to return to the home screen.

5. Adjustment

The i-vent controller is factory set for optimum ventilation and comfort control. There is an adjustment if required. The adjustment changes the fan speed temperature set points by up to + or - 5°C.

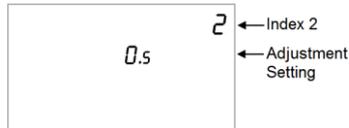
For example, if you are finding the ventilation too cold then you can adjust the setting from 0 to 5. Doing this will reduce the fan speed at lower temperatures and keep the fan running faster at higher temperatures.

You can also make the home cooler by adjusting the setting between -5 to 0.

0 is the default setting. -5 is the coolest setting and 5 is the warmest setting.

Tap twice to access the adjustment. Look for 2 in the top right corner of the display.

Tap or to adjust the setting between -5.0 and 5.0.



This adjustment alters the fan speed at temperature extremes. The i-vent system cannot heat or cool the air drawn in from the roof space or outdoors. Use the home heating or air conditioning system to control the temperature in the home.

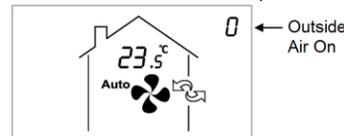
6. Outside Air Setting (Option)

This section applies if the Outside Air option has been installed.

In Auto mode when the roof space air is too hot air will be drawn from the outside. Once the roof space air cools air will be drawn from the roof space.

In Manual Fan Speed mode air will be drawn from the outside continuously.

To enable Outside Air mode tap .



When is displayed the Outside Air mode is on.

When is displayed, air is flowing from the outside. In Auto mode, air will only flow from the outside when the roof space air is too hot.

The display example below shows Outside Air mode is on and air is flowing.



To disable Outside Air mode tap .

7. Filter

The i-vent system filters the air before it enters the home. You will receive a reminder to change your filter every 12 months from Harrisons.

To maintain the i-vent system 10 year warranty the filter must be replaced every 12 months.

8. Others

- One or more of the touch buttons are locked.
- Installer Setup Mode
- Installer Test Mode

See the Installation Guide for more details.

IV Tips

	This symbol is displayed while the fan is running. If it is not displayed the fan is off. The roof space air is either too hot or too cold.
Seasonal Adjustment	Seasonal adjustment is not required. If you do make an adjustment (Section III 5.), return Index 2 setting to 0.0 when conditions change.
Outside Air	If you want to check if you have this feature, look for in the display top right corner. If it is not there tap . If does not appear you do not have Outside Air mode.
Temp. Set Point	The i-vent system provides maximum ventilation based on the roof space air temp. User operation is simplified by not incorporating a thermostat type set point.

Maximum Ventilation	If you need maximum ventilation for any reason, set the i-vent controller to manual. Keep tapping or until three black bars are displayed.
Filter Change	To maintain the warranty the filter must be changed every 12 months. Failure to change the filter will lead to decreased performance.
Buttons Do Not Work	Check if the touch button lock symbol is displayed. See the Installation Guide.
	Two bars instead of a temperature reading mean the sensor has failed. Contact Harrisons. The fan will still run in manual mode.
Additional Support	www.harrisonsenergy.co.nz

Read This First Getting Started



1

Turn on

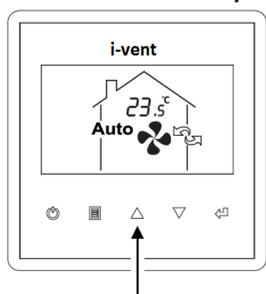
Tap  to power On or Off the i-vent controller.



2

Set to Automatic

Keep tapping  until **Auto** is displayed.
Standard setup is finished.



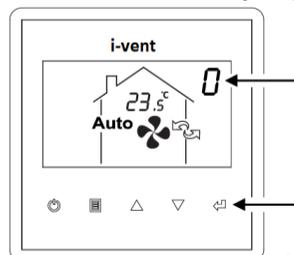
3

Outside Air (Option)

For i-vent systems with outside air intake option installed only.

Tap  to enable Outside Air mode.

When  is displayed, Outside Air mode is on.



4

Warranty

To maintain the i-vent system 7 year product and install warranty the filter must be replaced every 12 months.

5

Support

www.harrisonsenergy.co.nz