

## Configuration Setup Menu

### Lock Mode:

- To Lock the thermostat press and hold the Adjust up ▲ and down ▼ Icons together.
- The Lock Symbol appears in the top right display.

### To calibrate your Thermostat to operate correctly you need to enter the programming mode:

- Turn off your thermostat with the Power Off Icon.
- Press and hold the Mode and Fan Icon for 5 Seconds.
- Release Buttons.

Select the Mode you wish to change by pressing the Mode button again, this will step through the Mode options as listed below. (The numbers appear in the bottom right corner of the display).

- The middle display is the value set for that mode.

- To unlock the Thermostat repeat as above.

#### Mode 01 - Room Temperature correction

To correct displayed.  
Room Temperature (default -1).

#### Mode 02 - Cool

Set to 10 (default)

#### Mode 03 - Hot

Set to 30 (default)

#### Mode 04 Fan Motor Speed Selector

01 = Single Speed Motor  
02 = Two Speed Fan Motor  
03 = Three Speed Fan Motor

#### Mode 05 Air Source

🌀 = Heat Transfer only  
🌀🔥 = Heat Transfer with Summer

## Technical Specifications

Temperature Range:	5-35°C adjustable
Display Resolution:	1°
Operating Voltage/Frequency:	220-240 VAC 50Hz
Switching Voltage:	240V AC Max
Switching Current:	3A max resistive load
Sensing Element:	NTC thermistor
Operating Temperature	0 to 40°C
Operating Humidity:	5-90% non condensing
Live Output Isolation:	Relay
Output Control	Relay
Display:	3.5" digital LCD Touchscreen
Approval:	All relevant AS/NZS standards.
EMC Approval:	All relevant AS/NZS standards.



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We reserve the right to change specification without prior warning.

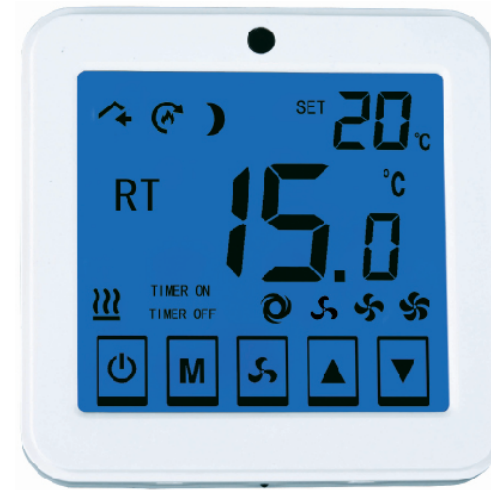


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## INSTALLATION INSTRUCTIONS

## HEAT TRANSFER THERMOSTAT



Power ON/OFF



Mode



Fan adjust Mode



Set Temperature Up



Set Temperature Down

Thank you for selecting our Heat Transfer Thermostat system.  
Please read all instructions before commencing installation.

## Automated Touch Screen Overview

The enclosed digital thermostat provides the latest in automated touch screen technology for effortless control of your heat transfer system.

The large screen is designed to measure the indoor air temperature using a high precision built in sensor.

The user has full control over the desired temperature setting and the system automatically adjusts the fan speed to achieve your desired result, transferring excess heat to the other rooms in your home.

Plus with the added functionality of a timer, your system has the ability to turn off when you choose, and with Heat Transfer and Summer mode, you can now easily switch between heat transfer and ventilation mode in the summer (if installed).

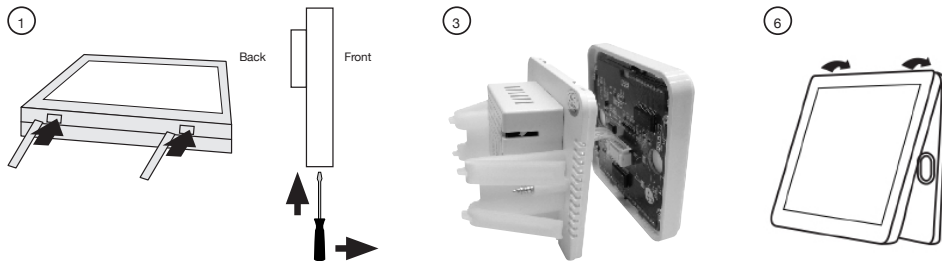
## Selecting the Mounting Location

The thermostat should be located where the air temperature can be sensed as accurately as possible, adversely affected by direct solar radiation or convection currents.

- The thermostat should be installed inside only.
- Mount ~1.5metres above the floor on an inner wall.
- Avoid locations which are not generally affected by changes in the room temperature.
- Do not install in wet/damp areas (i.e. laundry or bathrooms), on hot surfaces or exposed to direct sunlight.

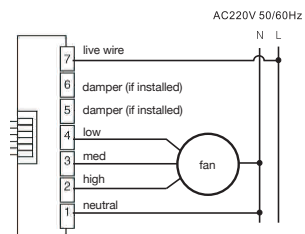
## Mounting Instructions & Installation:

1. First open the thermostat by pushing in the tabs located on the bottom of the unit and remove the cable.
2. Then choose a mounting position on the wall and cut a 60mm long x 65 mm high hole in the gib ensuring that the cables can be accessed.
3. Attach the 2x Gib fixing clips to the bottom plate using the screws provided (as shown).
4. Then see "Wiring Diagrams" for connections.
5. Push the bottom plate into the precut hole. Tighten the gib fixing clips to secure the unit.
6. Replace the cover by locating the two tabs at the top of the unit and lever the touch screen on as shown. As you close the unit ensure the two plastic tabs at the bottom clip into place.

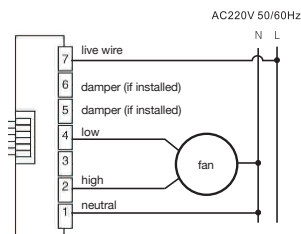


## Wiring Diagrams

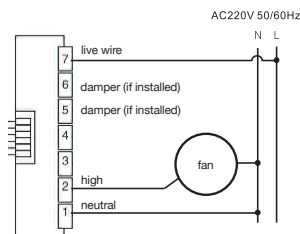
3 Speed



2 Speed



1 Speed



## Operation of Heat Transfer Thermostat

### 1. FAN

This displays the Current Fan Speed.

The Heat Transfer model will determine which options are available:

**Three Speed Fan** – within a Three room heat transfer system.

- 🌀 = High Speed.
- 🌀 = Medium Speed.
- 🌀 = Low Speed.
- 🌀 = Thermostat will increase Fan Speed automatically.

**Two Speed Fan** – within a Two room heat transfer system.

- 🌀 = High Speed.
- 🌀 = Low Speed.
- 🌀 = Thermostat will increase Fan Speed automatically.

**Single Speed Fan** within a One room heat transfer system.

- 🌀 = High Speed.

### 2. M (Mode)

This displays either 🌀 for heat transfer or 🌀 for ventilation mode. Please note you can only select the Mode 🌀 if you have installed the Summer kit option.

🌀 - (Heat Transfer) This will transfer the excess warm air from your heat source room to other rooms in your home. When Heat Transfer is operating the HI will appear.

🌀 - (Ventilation) If installed, the system will switch to source the air from outside to bring cooler air in to your home in the summer months. The Fan speed can then be manually selected as desired.

Note: Temperature set control is disabled in 🌀 function.

### 3. SET = Your desired Room Temperature (available in Heat Transfer Mode only)

To adjust the set temperature use the up ▲ and down ▼ arrows.

### 4. RT = Room temperature

This displays the current temperature in the room the controller is situated in.

### 5. Night Moon Timer 🌙

Your Heat Transfer Thermostat comes with a Sleep Mode Timer. You can set the unit to either Turn On OR Turn Off after the set time.

**Sleep Mode:** Press and hold the Mode Icon for 3 seconds, then use up or down button for confirmation.

**Time On:** Press and hold the Mode Icon for 3 seconds, the Moon Icon glitters. Then press the Mode Icon again, use the up and down buttons to adjust the range.

**Time Off:** Press and hold the Mode Icon for 3 seconds, the Moon icon glitters. Then press the Mode Icon four times, use the up and down buttons to adjust the range.

After selecting the time the unit will automatically save the settings if no user input is received within 5 Seconds.