temperzone

climate innovations

CLIMATE TOUCH
Quick Start Guide

QUICK START GUIDE
Climate Touch Wired Thermostat

Before you begin:
This thermostat is compatible with models OPA 465–960 c/w UC8 and ISD 171–351 c/w IUC.
A standard Au/NZ switch mounting/flush box is required (not supplied).
Gather both a small flat head screwdriver and larger flat head screwdriver.

Choose a suitable mounting location, away from drafts or direct sunlight, not behind doors or on a non-insulated external wall. Also avoid placing the thermostat in areas where the air movement is limited or areas not "typical" of the temperature of the room. Seal any holes that might introduce draft from behind the device, ie wall cavities.
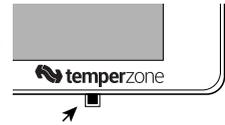
Parts supplied:
a. Climate Touchscreen c/w magnetic wall mounting bracket.
b. Terminal block connector plug (6 position).
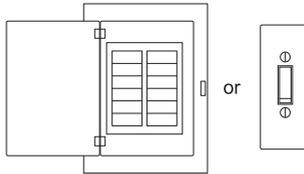c. Mounting plate PK 6/32" machine screws 25mm (x2)

Required:
Interface cable (4 core twisted pair shielded 0.25mm^2) – available in varying lengths from Temperzone

⚠ **CAUTION: Climate Touch has a temperature sensor that protrudes 6mm below the device. Take care not to pull or knock the sensor.**
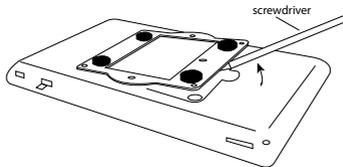

1   Install Your Thermostat

1.1   **IMPORTANT** To protect your equipment, switch OFF the power to your air conditioning system at the circuit breaker box or the switchboard.
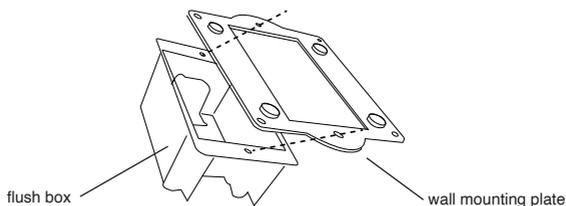

1.2   **Separate Climate Touch** and the magnetic metal wall mounting plate from the back of the Touchscreen using a large screwdriver.

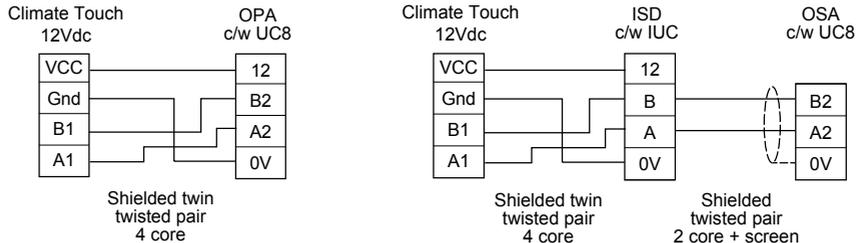screwdriver

1.3   **Mount wall plate for Climate Touch**
Mount your new wall plate using the two screws supplied to a suitable pre-installed switch mounting/flush box (not supplied).

flush box   wall mounting plate

1.4 **Connect wires**
Connect the interface cable wires as per the relevant diagram below and using the connector plug supplied.

Push any excess wire back into the wall opening after all wires are installed.

Climate Touch 12Vdc	OPA c/w UC8
VCC	12
Gnd	B2
B1	A2
A1	0V

Shielded twin twisted pair 4 core

Climate Touch 12Vdc	ISD c/w IUC		OSA c/w UC8
VCC	12		
Gnd	B		B2
B1	A		A2
A1	0V		0V

Shielded twin twisted pair 4 core

Shielded twisted pair 2 core + screen

1.5 **Attach thermostat to magnetic wall plate**
Align the centre of the Climate Touch over the wall plate and snap it into place.
⚠ CAUTION: Strong magnets – keep fingertips clear.

1.6 **Switch power ON to the air conditioning system**
Switch power ON to your air conditioning system at the circuit breaker box or the switchboard. The Climate Touch will start immediately.

2 Set Date & Time

Touch MENU to go to 'Date & Time' screen and update to current settings.

3 Test Your Climate Touch

Congratulations! Your Climate Touch thermostat is operational.

The initial startup setting is Standby mode.

Touch the Mode to change to a different mode of operation.

Touch the Fan mode to change the fan speed setting.

Use the Up and Down arrowheads to change the target room temperature (aka setpoint).

Check to see that the air conditioner is functioning.
(Note: It will take some time to see a noticeable difference in room air temperature, especially for large air spaces and new buildings.)

Touch MENU for access to other Climate Touch functions, eg Scheduling of 7 day weekly timer, screen brightness, and recording of Unit & Service Details.
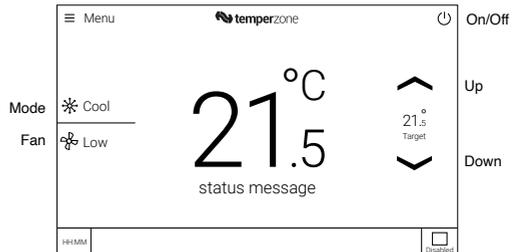
Advanced Settings for Administrator: use PIN entry code '1956'.

Advanced Settings for Technicians may be accessed by contacting Temperzone Support Help Desk for a separate four digit PIN entry code:
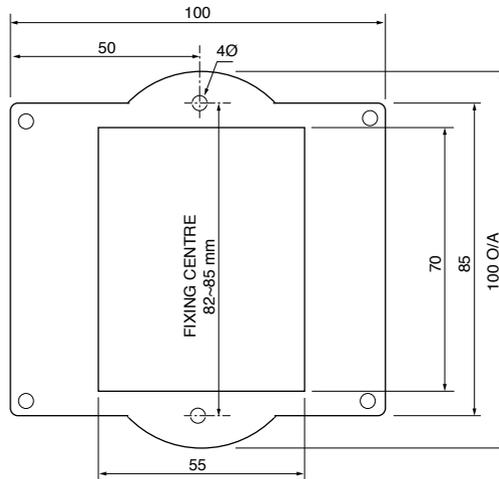Australia: 1800-211 800
New Zealand: 09-279 5250 or 0800-NZAIRCON (0800-692 472)

Refer to Installation & Operation manual at **www.temperzone.biz**; model search 'climate touch', for more information.

Specifications:

- Climate Touch CTC-1 part no. 201-000-789
- Screen 8" diagonal, resolution 1280 x 720 pixels WXGA, colour
- Power supply 12V DC (via UC8)
- Communication interface Modbus/RS-485
- Operating system Android
- Language support English only
- Temperature setting range: 16~30°C
- Temperature setting sensitivity: 0.5°C steps
- Temperature measurement range 5~50°C
- Enclosure fire retardant PC+ABS
- Protection class IP 30
- Complies with AS/NZS 4268:2017
- Dimension 209×131×15 mm (W×H×D)
- Weight 435g

Mounting plate dimensions:

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