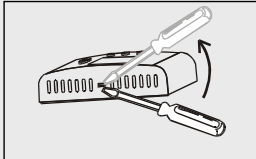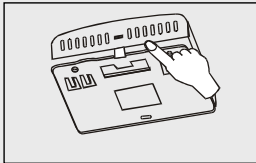# ETN-X500 – Technician Settings
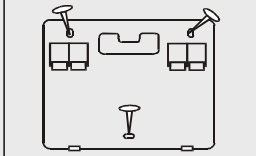
Installation Instructions

It is very important to install the wall-mount unit in the right place.
Please make sure to follow all the installation instructions in order to get an accurate reading of the temperature.
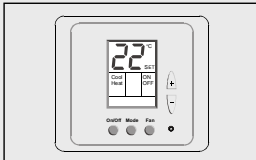
General points to follow:
- The unit should not be installed on an outside wall or where there is an air draft.
- The unit must not be exposed to a direct sunlight.
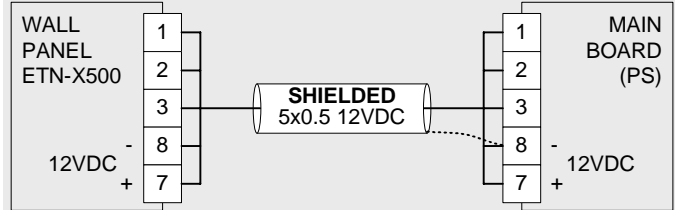- The standard height to install this unit is 1.5 meter from the floor (5 feet).

Installation procedure:

Separate the front panel from back panel by depressing the tongue located in the top of the unit.
Pull the back panel out.
Line the back panel up against the wall or flat surface. Install three screws as required.
Make electrical connections as shown on enclosed electrical wiring diagram.
Install the cover to the back panel ;first the two tabs on the bottom and then the top tongue .Push until tight against the wall.
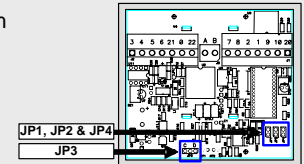
Wiring Connections

Important: Before connecting the panel, make sure that power to the main board 230VAC is disconnected.

WALL PANEL ETN-X500

| 1 |
| 2 |
| 3 |
| 8 |
| 7 |

12VDC - +

SHIELDED 5x0.5 12VDC

| 1 |
| 2 |
| 3 |
| 8 |
| 7 |

MAIN BOARD (PS)

12VDC - +

Connect the shield to the "8" terminal of the main board.

Jumper Configuration – Temperature Sensor

The jumpers are located at the bottom of the board as shown in the drawing.
(Inside the thermostat)

JP1, JP2 & JP4
JP3

JP2 Configuration

Unshort   Ambient Temp. measurement from Main Board.

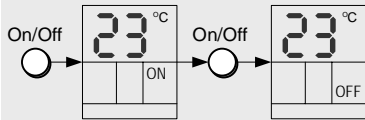**Short**   Ambient Temp. measurement from Thermostat thermistor.

JP1, JP4 and JP3 are not in use. (JP3 on D position always).
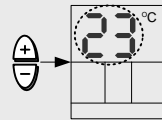
ETN-X500 - Owner's Manual

On/Off

- Press the ON/OFF button to activate the thermostat.
- Press the ON/OFF button to deactivate the thermostat.
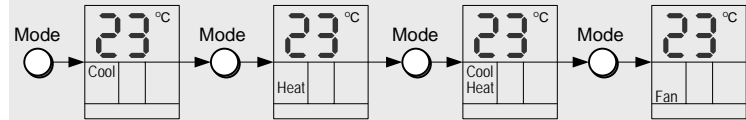- The word "ON" or "OFF" will appear in the display.

Set Temperature

- Press the "+" or "-" buttons – the set temp. will flash.
- Adjust the set temperature using the "+" or "-" buttons.
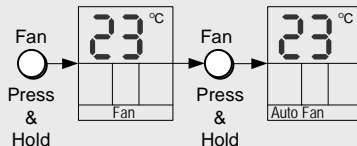
Mode

- Press the MODE button to switch between the four modes:
  - Cool – "Cool" will appear on display.
  - Heat – "Heat" will appear on display.
  - Cool/Heat (auto-change over) – both "Cool" and "Heat" will appear on display (the active Mode will flash).
  - Fan only – "Fan" will appear on display.

Fan / Auto Fan

- Press and hold the FAN button (6 seconds) to switch between:
  - FAN ON - The fan will work continuously - "Fan" will appear on the bottom of the display.
  - AUTO FAN - The fan will only work when there is demand for cooling or heating "Auto Fan" will appear on the bottom of the display.

This function may not be available in certain system Configurations.

Fan Speed

- Press the FAN button to switch between the four fan speeds:
  - Low speed – "Lo" will appear on display.
  - Medium speed – "Me" will appear on display.
  - High speed – "Hi" will appear on display.
  - Auto Speed – "Lo", "Me" and "Hi" will appear on display (the active Speed will flash).