

Installation & Operating Instructions

Model PT502	Model PT503	Model PT504
-------------	-------------	-------------



Model Information

This timer is an **electronic timing device**, with preset temperature control, which allows the heating to be switched over a pre-programmed period. This device has 4 programmes:

Manual - the heating will be manually controlled by a preset comfort level setting

P1

- Turn on at desired time
- Heat for 3.5 hrs
- Off for 8 hrs
- Heat for 5.5 hrs
- Off for 7 hrs
- The cycle is then repeated

P2

- Heat is on for 3 hrs
- Off for 21 hrs
- The cycle is then repeated

P3

- Heat for 3 hrs
- Off for 9 hrs
- Heat for 3 hrs
- Off for 9 hrs
- The cycle is then repeated

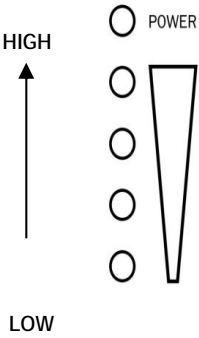
Heating On	Prog Time
5am	5pm
6am	6pm
7am	7pm
12am	12pm

Your new electronic thermostat is equipped with a microprocessor. Depending on the selected mode, this thermostat has been designed to control:

A: Ambient temperature
 F: Floor temperature (floor heating)

The ON/OFF button should be pressed once to turn off the thermostat. The thermostat is now in sleep or standby mode.

Setpoint Definition



There are 4 available setpoints to identify and select your comfort temperature

Your new electronic thermostat is equipped with a microprocessor. Depending on the selected mode, this thermostat has been designed to control:

A: Ambient temperature
 F: Floor temperature (floor heating)

The ON/OFF button should be pressed once to turn off the thermostat. The thermostat is now in sleep or standby mode.

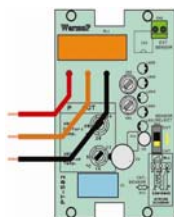
Technical Specifications

<p>Electrical rating: 230-240V, ac 50 Hz Load: 15A resistive Warranty: Two (2) year</p> <p>Temperature control settings Comfort: 20 C - 28 C Backup: 5 C</p>	<p>Electrical rating: 230-240V, ac 50 Hz Load: 15A resistive Warranty: Two (2) year</p> <p>Temperature control settings Comfort: 20 C - 28 C Backup: 5 C - 16 C</p>	<p>Electrical rating: 230-240V, ac 50 Hz Load: 15A resistive Warranty: Two (2) year</p> <p>Temperature control settings Comfort: 20 C - 28 C Backup: 5 C - 16 C</p>
---	--	--

Model PT502	Model PT503	Model PT504
Method of Operation		
<p>To set Manual mode Press the Power button and one of the green LED lights (P1, P2 or P3) will flash on/off once. Then press & hold the Power button for approx 5 secs and the manual and power LED's will light up. The controller will now operate in manual mode controlled by a preset comfort level setting.</p> <p>To turn off Manual mode Press the Power button once. The green LED which remains on is the programme mode which is now operating (P1, P2 or P3).</p> <p>To completely turn off the heating Wait until only one green LED is on - then press the Power button once.</p> <p>To set Programme mode Establish desired start time of heating. Add 12 hours onto this time and this is when you programme the Timer (Refer to the Twelve Hour Set Back Table). Press the Power button and one of the green LED's P1, P2 or P3 will flash on/off once. Press & hold the Power button for approx 5 secs and the manual and power LED's will light up. Do not release but continue to push the Power button and the unit will scroll through Manual, P1, P2 & P3 and then all LED's will turn off. Release the power button. The start time for P1, P2 & P3 are now programmed. To select the desired programme (P1, P2 or P3) press the Power button once to turn off Programme mode. Press the Power button once to turn on programme mode, before the green LED flashes, you must quickly press the Power button repeatedly to scroll through P1, P2 and P3. Stop pressing when the desired Green LED for P1, P2 or P3 is lit. To change the Programme mode from P1 to P3(for example) you must repeat this entire step. To turn off Programme mode, press the Power button once. NB: The Power LED will be lit up when the heating is on.</p>	<ul style="list-style-type: none"> • Press the ON/OFF button once • The bottom LED comes on • You can select your comfort temperature by pressing the ON/OFF button the desired number of times so that the required LED is lit. • When you have selected the required setting and the desired temperature has been attained - the POWER LED will turn red after one minute. • You can move from the top to the bottom LED by pressing the ON/OFF button twice. • When the thermostat is turned off, the desired temperature setting will be saved and will come on when the thermostat is turned on again 	<p>To set 2 hour/4 hour/ 6 hour mode Press the On/Off button until the 2 hour LED light comes on. Press the On/Off button three times and the 4 hour LED light will come on. Then press the On/Off button three times and the 6 hour LED light will come on.</p> <p>To set manual mode Press the On/Off button and hold for 5 seconds. The Power and Man lights will come on. NB: The Power LED will be lit up when the heating is on.</p>

Control Module Installation

Phase (red)
Element (brown)
Neutral (black)



Before wiring ensure that:

- All electrical connections are performed by a registered electrician only, as required by law.
- The supply is disconnected at the distribution board
- All connections are secure and tested prior to activation
- You have studied and fully understood the connection diagram.
- Ensure the floor probe is connected & the sensor select switch is set to external (EXT) position.

Warranty

WARMUP NEW ZEALAND LTD - TWO(2) YEAR WARRANTY

This product is warranted against defects in material and workmanship under normal conditions of use for a period of two (2) years from the date of purchase. During this period, Warmup will repair or replace the product if it is defective in normal operating conditions in terms of materials or workmanship with a new product of equivalent quality at Warmup's option. This warranty is intended to give you the protection given to you as a consumer under the Consumer Guarantees Act 1993. The warranty does not cover costs of transportation, removal, installation or damage caused by misuse or accident. In no event will Warmup be liable for consequential loss resulting from the installation of the product. Any defective product should be sent with the original invoice to the original installer, or shipped prepaid, insured and addressed to: **WARMUP NEW ZEALAND LTD. Copesy Business Park, 2/20 Copesy Place, Avondale, Auckland**