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FLOOR HEATING WA

GTS SERIES THERMOSTAT SET UP

The GTS series of thermostats are supplied with detailed programming instructions, but we have made a few suggestions below regarding the programming:

SET UP / CONFIGURATION
The GTS is pre-configured ready to program, however if you wish to change any of these turn power OFF and the press MENU – this allows you to change:
Menu 01 – Floor or Air sensing (default is floor)
Menu 02 – Maximum floor temp (default 28 deg) – recommended to change to 25 deg c with timber floors
Menu 03 – 5+2 or 7 days (i.e. different time settings at the weekend or same for all 7 days)
Menu 04 – Factory Reset
Once complete press **DONE** to store and exit.

To program times and temperatures use press **SCHEDULE** then press **1-7** so you only have to do it once (or twice in 5 + 2 mode).

Depending on your installation you will need to allow sufficient time for warm up, for example in a small cold bathroom with external walls and large windows you will need to turn on earlier than in a well-insulated room.
Recommended temperatures would be:
Living areas – ON TEMP – 22-25 deg C floor temp
Bathrooms – ON TEMP – 24-28 deg C floor temp
'OFF' temp – 19-20 deg to hold a little bit of heat in the floor, especially with in-slab heating.

IMPORTANT NOTES: - IN SLAB HEATING OR HEATING IN THICK SCREED:
If you have in-slab heating, the heat will be stored in the thermal mass of the concrete slab, so there is a longer warm up and cool down period so the best way to operate it is as follows:

Using standard A1 tariff
If you have A1 tariff we would recommend setting the system to come on for around 2-3 hours early morning and then a couple of hours early evening depending on your lifestyle, however for large heated areas we **strongly recommend** that you consider P.V. solar panels and/or switching to the **Synergy Midday Saver** Tariff which could save you over 70% compared to the standard A1 tariff.

P.V. Solar Panels
If you have solar panels then set the second on times to coincide with when you are generating most power which would generally be between 10am-4pm. If you have multiple zones then setting each zone for 2-3 hours and staggering them during daylight hours will give you the best economy with solar panels. Depending on the insulation level of the property and if you are using the heating as primary heating or not, you may also need to program the heating to come on for a couple of hours in the early morning to maintain the desired slab temperature.

SYNERGY MIDDAY SAVER
With Synergy Midday Saver tariff you can save over 70% on your heating bill compared to A1 tariff.
The Midday Saver tariff gives a SUPER OFF-PEAK rate (just **8c** per kwh as at July 2022) between the hours of 9am-3pm, 7 days a week, so you should set your main floor heating to be on during these times (with a possible short early morning 'boost' if required at the standard off peak rate).
Example setting below for in-slab or in-screed heating in living areas:
P1 – 0500 hrs – 22-23 deg **(if required)**
P2 – 0600 hrs – 20 deg
P3 – 0900 hrs – 25 deg
P4 – 1500 hrs – 20 deg

As mentions P1 'boost' is optional if the house is generally cold when you get up. The Midday Saver is also ideal to run other heavy use appliances such as pool pumps, dish washers and dryers during these times. The only real disadvantage with this tariff is that there is a peak rate between 3pm-9pm so you just need to try where practical to limit the use of larger appliances – obviously people want to use aircon in the afternoon, but of you can pre-cool your home before 3pm at 8c that will be much more economical than having it on a high setting after 3pm For appliances that run 24/7 such as refrigerators, the 18 hours of off-peak and super off-peak savings more than offset the higher cost incurred for the 6 hours at peak rate.

If you have any questions, please call Radiant Australia on **08 9302 4140** or refer to the website for a set up video: https://www.radiant.com.au/support-videos/