



Danfoss TP4000 Programmable Room Thermostat User Guide

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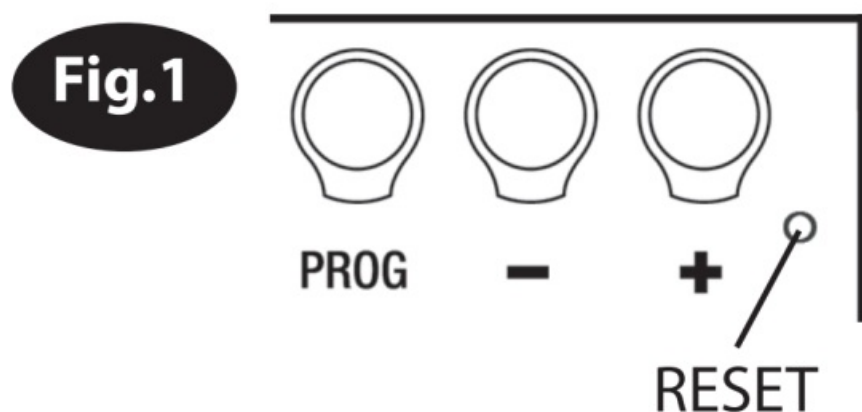
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TP4000 Thermostat Programming

The TP4000 is both a programmer and a room thermostat. It allows you to programme up to 6 times and temperatures at which your heating will come on and go off each day.

Before programming the thermostat press and release the **RESET** button to restart the unit. **(Fig. 1)**



Setting the Clock and Day

The time is set in the factory and therefore it will not normally be necessary to do this on site.

Accepting the Factory Pre-settings

The TP4000 has pre-set times already programmed in, which often suit most people (see table below).

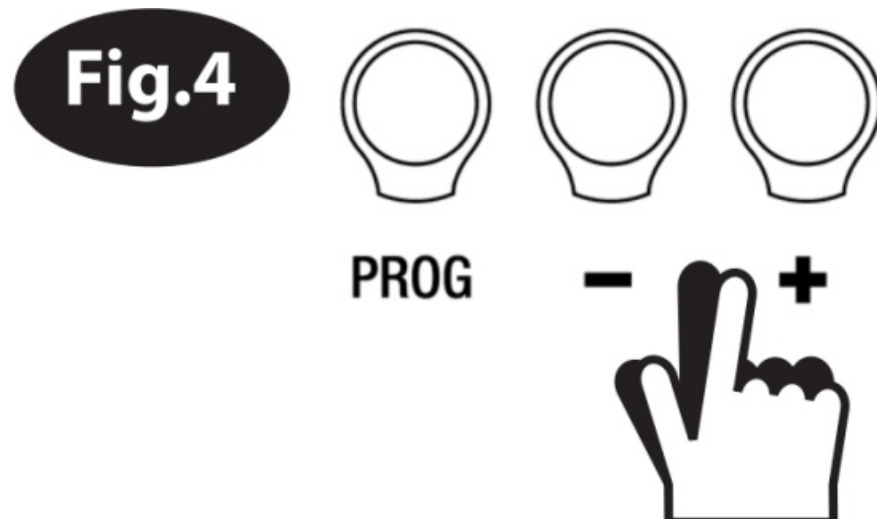
Event	Time	Temp. °C
1	06:30	20
2	08:30	15
3	11:30	20
4	13:30	15
5	16:30	21
6	22:30	15

To adjust the factory pre-settings & set your own time and temperature programmes

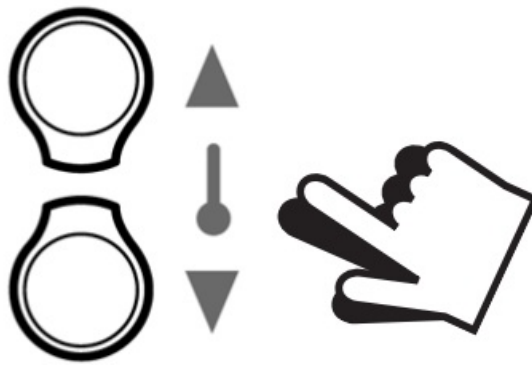
- a) Press PROG(Fig. 2) Until 1st pre-set time and temperature appears in display (Fig. 3).



- b) Use + or – buttons (Fig. 4) to adjust the TIME (press and hold to change in 10 min increments).



- c) Use ^ or V buttons (Fig. 5) to adjust the TEMPERATURE.

Fig.5

- d) Press PROG (Fig. 2) to move to next preset time & temp (Event 2) (Fig. 6).

Fig.6

- e) Repeat steps b, c & d for programming Events 3, 4, 5 & 6.

Returning to RUN mode

Press PROG (Fig. 2) – the colon in the LCD display will start to flash (Fig. 7).

Fig.7

Temporary User Overrides

The TP4000 has several useful overrides which can be selected without affecting the thermostat programming.

- Selection of time or actual room temperature in main LCD display – press + and – together to change between settings (Fig. 8).

Fig.8

**Selection of time
or actual room
temperature in main
LCD display**



- Temporary override of programmed temperature – press \wedge or \vee until required temperature is displayed (override will automatically cancel at beginning of next programmed event) (Fig. 9).

Fig.9

**Temporary
override of
programmed
temperature**



- Frost Protection – a constant low temperature can be selected whilst away from home – press \wedge and \vee together (**Fig.10**). Then use \wedge or \vee to select the required temperature. To return to automatic programming press \wedge and \vee together again.

Fig.10

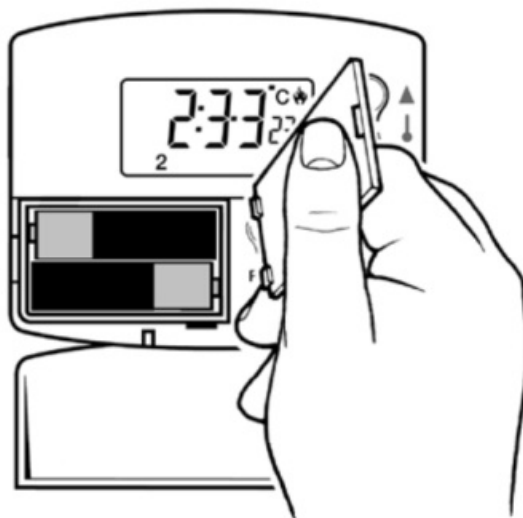
**Frost
Protection**



**press
together**

Battery Replacement

- A low battery symbol will flash in the LCD display (**Fig. 11**)

Fig.11

- You have 15 days to replace the battery before the unit will switch off.
- Remove old batteries and insert new ones. All settings including time are maintained.
- Press and release the RESET button to restart the unit. (**Fig. 1**)

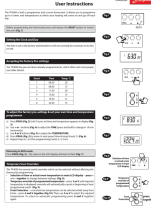
Customer Support

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Documents / Resources

	<p>Danfoss TP4000 Programmable Room Thermostat [pdf] User Guide BC157086406902en-010201, TP4000 Programmable Room Thermostat, TP4000, Programmable Room Thermostat, Room Thermostat</p>
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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