

TP7001 User Instructions

ENGINEERING
TOMORROW



Accepting the Factory Pre-settings

Your TP7001 comes ready programmed with a set of operating times and temperatures. (Fig.1)

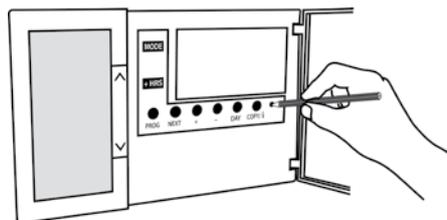
To accept these settings close the front cover and after 2 minutes these will be accepted automatically. If you prefer, you can change any of these settings using the following instructions.

Fig.1

Weekdays (Mon-Fri)			Weekend (Sat-Sun)		
Event	Time	Temp °C	Event	Time	Temp °C
1	06:30	20	1	07:30	20
2	08:30	15	2	09:30	20
3	11:30	20	3	11:30	20
4	13:30	15	4	13:30	20
5	16:30	21	5	16:30	21
6	22:30	15	6	22:30	15

Before programming the thermostat, press the recessed **RESET** button to reset, using a non-metallic object (Fig.2)

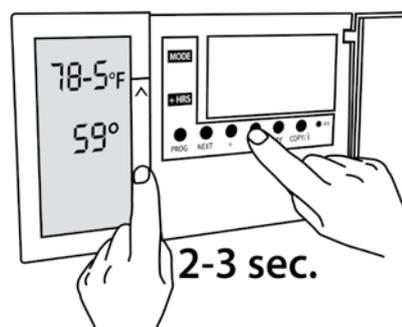
Fig.2



Selecting the temperature display (°C or °F)

Press and hold **V & -** until display changes (Fig.3)

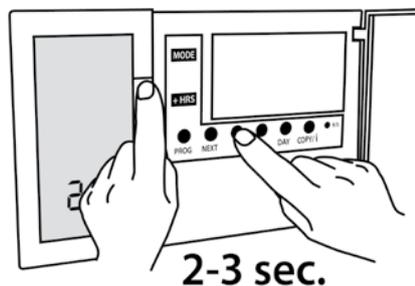
Fig.3



Selecting the clock display (am/pm or 24 hr)

Press and hold **Λ & +** until display changes (Fig.4)

Fig.4

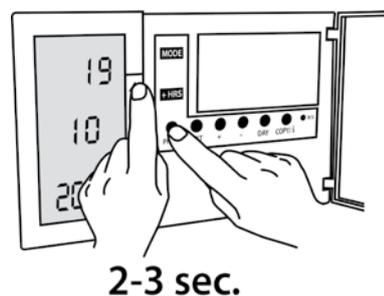


Setting the Clock & Day

The date and time are set in the factory and therefore it will not normally be necessary to do this on site. Changes between summer and winter time are handled automatically by the unit.

Setting the date: Press and hold **Λ & PROG** buttons for 3 seconds, to display date. (Fig.5)

Fig.5



The **YEAR** number will flash, use **Λ** or **V** to correct the year (Fig.6)

Use - or + to move to **MONTH**, then use **Λ** or **V** to correct month (Fig.7)

Use - or + to move to **DATE**, in month then use **Λ** or **V** to correct day (Fig.8) The day of the week is set automatically from the date.

Setting the correct time

After setting the date press **PROG** to display the time.

Use - or + buttons to set the correct time. (Fig.9) When time is correct press **PROG** to return to **RUN** mode.

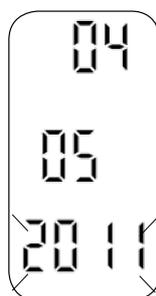


Fig.6

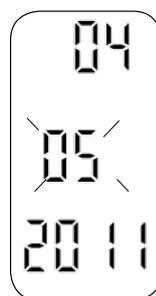


Fig.7

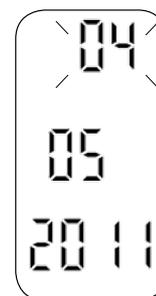


Fig.8



Fig.9

Thermostat mode either 7-day, 5/2 day or 24 hour

To check which mode your unit is set to press **PROG** until Event 1 flashes in display.

- In **7-day** mode only one day of the week is shown in the display.
- In **5/2** day mode either weekdays or weekend days are shown in the display
- In **24 hour** mode no days of the week are shown in the display.

Press **PROG** to return to **RUN** mode.

Programming in 7 day mode

- Press **PROG** until Event 1 flashes (**Fig. 10**)
- Change the time and temperature as follows:
 - Use the **+** or **-** buttons to change time
 - use the **▲** or **▼** buttons to change the temperature
 - Press **NEXT** to set up next Event for the day
 - Repeat steps 1-3 for the remaining events (**Fig.11**)
- When all events are correct, press **DAY** to programme events for the next day. If you wish to repeat the times and temperature to another day of the week then the **COPY** function can be used.

To return to **RUN** mode, press and release the **PROG** button. The display will change to show the current time, the set temperature and actual temperature (**Fig.12**)



Fig.10

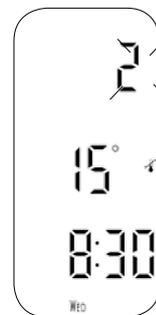


Fig.11



Fig.12

Programming in 5/2 day mode

- Press **PROG** button until Event 1 flashes, then press the **DAY** button until display shows weekdays (**Fig.13**)
- Follow steps **b** as above (on 7 day mode) to programme times and temperatures for weekdays (**Fig.14**)
- Press the **DAY** button to programme events for weekend (day 6-7) or press the **COPY** button to repeat weekday programme.

To return to **RUN** mode, press and release the **PROG** button. The display will change to show the current time, the set temperature and actual temperature (**Fig.15**)



Fig.13

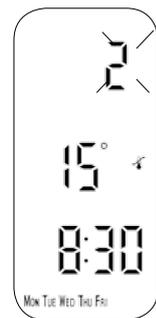


Fig.14



Fig.15

Programming in 24 hour mode

- Press **PROG** button until Event 1 flashes (**Fig.16**)
- Amend the time and temperature as follows:
 - Use the **+** or **-** buttons to change the time
 - Use the **V** or **Λ** buttons to change the temperature in 0.5°C steps
 - Press the **NEXT** button to move to the next event (**Fig.17**)
 - Repeat the steps above for the remaining events
- When all events are programmed press the **PROG** button to return to **RUN** mode (**Fig.18**)



Fig.16

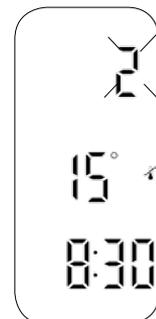


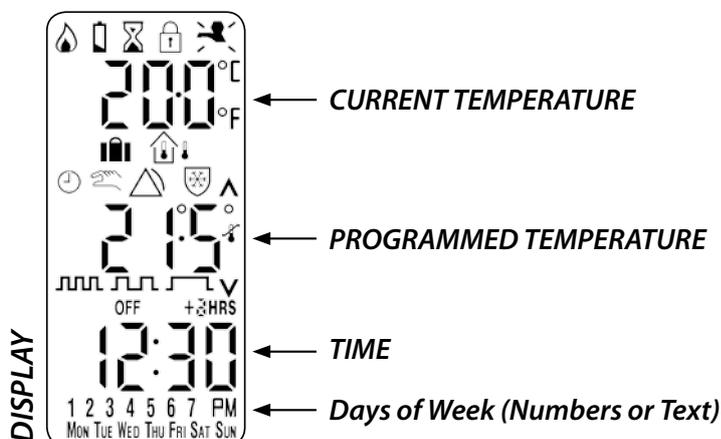
Fig.17



Fig.18

	Flame: shows when heating output is on
	Battery: flashes when battery voltage is low
	Hourglass: shows during programming delays or when Delayed Start is active
	Padlock: indicates keyboard lock
	Suitcase: Holiday Mode
	House and Thermometers: Indoor and Outdoor Temperature
	Clock and Hand: Timed and Manual Modes
	Alarm: Alarm active
	Frost Shield: Frost Mode
	Λ Up Arrow: Temperature override up
	Auto Mode (6 events per day)
	Auto Mode (4 events per day)
	Auto Mode (2 events per day) or All Day Mode
	V Down Arrow: Temperature override down
	OFF: Thermostat (Off) Mode
	+ HRS: Extend function

KEY TO SYMBOLS



DISPLAY

Danfoss