

Coldbuster TH-0108FS Programmable Thermostat

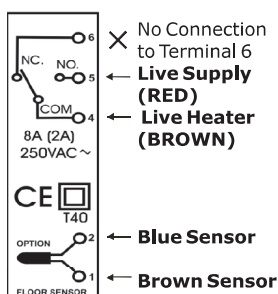


USER INSTRUCTIONS

We recommend that a qualified Electrician carry out the connection of your thermostat in accordance with current state regulations. Please also refer to the installation instructions for your Coldbuster kit.



To remove the back plate from the thermostat: press the release button firmly and pull the back plate and thermostat top gently apart until separated. (Opens from the left - hinges/hooks on the right).



Connect the thermostat to your Coldbuster underfloor heating as illustrated (Do not cut the back plate as this may cause the pins to misalign). Neutral Supply (Black) and Neutral Heater(s) (Blue) connect directly in screw connector block. **The same corresponding process for earth leads.**

QUICK START:



Install 2 x AA 1.5V Batteries (supplied) into the battery compartment of the thermostat. Re-attach the thermostat to the back plate by hooking the right hand edge in first and carefully pressing the two components together



Press the reset button with a pen nib



All the characters will be displayed for ten seconds while the thermostat starts



Then either 5:2d or 7d will appear on the display for 10 seconds.

Use 5:2d for more convenient reprogramming - to alternate between the two modes press the **NEXT** button within 10 seconds

(Explanation: The thermostat is already programmed for popular time periods and temperature. If you wish to vary the preprogram, selecting the 7d mode will allow you to program each day independently. Selecting the 5:2d mode will allow you to program 5 week days the same and Saturday and Sunday both separately)

WEEKDAY	TIME	TEMPERATURE	SATURDAY	TIME	TEMPERATURE
P1	06:00	21°C	P1	07:00	21°C
P2	08:30	16°C	P2	08:30	21°C
P3	12:00	21°C	P3	16:30	21°C
P4	14:00	16°C	P4	22:30	18°C
P5	16:30	21°C	SUNDAY	TIME	TEMPERATURE
P6	22:30	18°C	P1	07:00	21°C
			P2	08:30	21°C
			P3	16:30	21°C
			P4	22:30	16°C



There should be a floor - temperature reading showing at the bottom of the dial. If only --- appears then the thermostat is not reading the floor sensor. If the floor sensor was NOT installed (optional), press and hold the NEXT button to display the control mode. Press V to select FL:O for room temperature mode. If the floor sensor was installed and connected, select FL:A for floor temperature mode.

SET THE DAY AND TIME

Press **CLOCK SET** and use ▲▼ to select the correct day (Monday = 1, Sunday = 7 etc.)

Then press **NEXT** and use ▲▼ to select the hour.

Then press **NEXT** and use ▲▼ to select the minutes.

Then press the **PROGRAM BUTTON**

YOUR COLD Buster THERMOSTAT IS NOW WORKING AND CONTROLLING YOUR UNDERFLOOR HEATING

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Setting the heater Programmes



Your Coldbuster thermostat uses battery power to operate an 8 Amp relay-switch that can handle upto 1920W of underfloor heating.

The battery powered thermostat will work even if there is no power to the heating cable, thus retaining your programs during power interruptions etc.

There are 6 periods (P1 - P6) on weekdays 1-5 and 4 time periods (P1 - P4) on weekend days '6' and '7'.

The current time period shows as blacked in boxes around the circle perimeter on the display.

The time periods anticipate approximate times for the average user's lifestyle and can be adjusted if necessary. **THE THERMOSTAT IS ALWAYS ON STANDBY!** It switches the power **ON/OFF** as required by the temperatures that are programmed in.

If you need to re-program the thermostat it is much simpler to ignore the span of each time period and simply adjust the temperature for the relevant time period.

Press **PROG. SET** and days 1 2 3 4 5 will show above the time (or day 1 if in 7 day mode).

When **PROG. SET** is pressed the first program is P1 temperature. Press **NEXT** to access P1 time. Press **NEXT** to access P2 temperature - and so on as follows -

P1	Temperature	NEXT	P1	Time	NEXT
P2	Temperature	NEXT	P2	Time	NEXT
P3	Temperature	NEXT	P3	Time	NEXT
P4	Temperature	NEXT	P4	Time	NEXT
P5	Temperature	NEXT	P5	Time	NEXT
P6	Temperature	NEXT	P6	Time	NEXT

For example if the period temperatures were reduced to 5°C (minimum) then the thermostat would likely always be OFF. If the period temperatures were increased to 32°C (maximum) then the thermostat would be ON (until 32°C is achieved). When the system is attempting to reach the current set temperature the heater active indicator is on constantly. When the set temperature is reached, the heater active indicator will flash to show that the system has turned off.

TO ALTER TEMPERATURE SETTINGS FOR WEEKDAYS 1-5 (5:2D MODE)

Press the button before starting - and then press **PROG. SET** once. (Tip - there is a time-window of 10 seconds between pressing buttons after which the unit will revert to its previous program. Simply start over again if this happens).

Use ▲▼ to set the desired temperature for P1. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P2. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P3. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P4. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P5. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P6. Then press the button to accept the new settings.

(Tip - when in **PROG. SET** simply keep pressing the next button to scroll through P1 - P6 if you want to check or access temperatures)

TO ALTER TEMPERATURE SETTINGS FOR WEEKENDS 6-7 (5:2D MODE)

Press the button before starting and then press **PROG. SET** twice for day 6.
Press the button before starting and then press **PROG. SET** x 3 for day 7.

Use ▲▼ to set the desired temperature for P1. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P2. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P3. Then press **NEXT** twice.
Use ▲▼ to set the desired temperature for P4. Then press the button to accept the new settings.

(Tip - when in **PROG. SET** simply keep pressing the next button to scroll through P1 - P6 if you want to check or access temperatures)

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Manual Override

Multiple heaters



MANUAL OVERRIDES:

TO OVERRIDE THE CURRENT PRE-SET TEMPERATURE.

Simply use ▲ ▼ to set the desired temperature. This temperature will be held until the beginning of the next period.
The temperature hold 🖐️ indicator will be displayed.
To revert to normal program press the ⌚ button.

TO OVERRIDE THE CURRENT PRE-SET TEMPERATURES FOR A NUMBER OF HOURS.

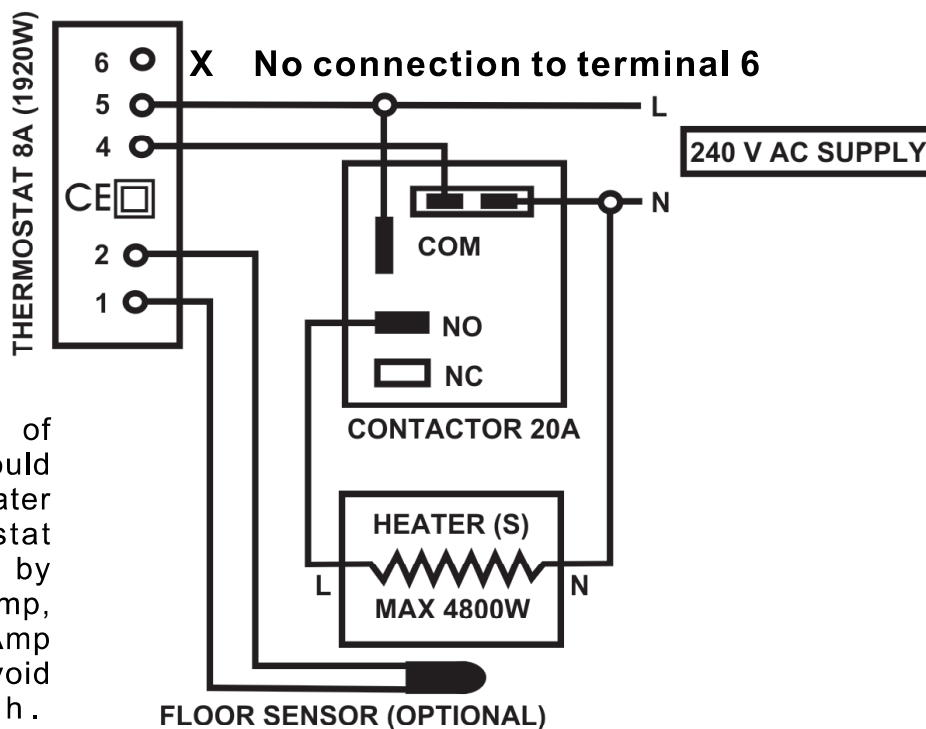
Press **COMP** Use ▲ ▼ to set the desired temperature.
Press **NEXT** Use ▲ ▼ to set the desired number of hours you wish the temperature to be overridden from (1-23).
The temperature hold 🖐️ indicator will be displayed.
To revert to normal program press the ⌚ button.

TO OVERRIDE THE CURRENT PRESET TEMPERATURES FOR A NUMBER OF DAYS.

Press **HOLD** Use ▲ ▼ to set the desired temperature.
Press **NEXT** Use ▲ ▼ to set the desired number of days you wish the temperature to be overridden from (1-99).
The word "hold" will be displayed.
To revert to normal program press the ⌚ button.

Note: The little pictures of people in/out of the house and asleep is intended to depict typical occupancy of the house. For the purpose of reprogramming the thermostat this has no relevance and should be ignored

20Amp CONTACTOR CONNECTION WIRING DIAGRAM



This thermostat is capable of switching up to 8Amps. Should you have more than one heater connected to the thermostat and the total current drawn by those heaters exceeds 8Amp, you will need to connect a 20Amp contactor (as shown) to avoid burning out the switch.

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE
Please phone 1300 653 914 between 9am-5pm AEST for help.