CZC1 wireless
7 day programmable
thermostat

The CZC1 complies with the essential requirements of directive 1999/5/EC. A copy of the declaration of conformity can be obtained by contacting your supplier.
V22

START HERE

Once installed, your heater is controlled by a Celsia Zone Controller, CZC1. The CZC1 is a wireless (433MHz) thermostat giving high precision room temperature control. It is also a seven day programmer with up to six temperature settings per day. Each CZC1 can control any number of heaters.

1 *Batteries*
Remove the CZC1's battery cover and insert 2 new high quality alkaline AA batteries.

WARNING
The CZC1 manufacturer is not responsible for damage due to corrosion. Battery leakage will cause permanent damage. To help avoid this:

● Replace the batteries annually, even if there is not a low battery warning. Remove failing or flat batteries immediately.
● Always fit a pair of new high quality alkaline batteries from the same pack. Never mix new and old batteries, or batteries of different brands or types.
● Never attempt to revive alkaline batteries by heating, crushing or recharging.

You must reset the clock after replacing the batteries, but all other settings are unaffected.

2 *You **must** make a wireless connection between your heater and your CZC1*

1. Switch your heater's mains supply off.

If you don't do this the heater is not going to work

2. Now, **timing is critical**: switch it on for three seconds then off again. You can say, "On, one thousand, two thousand, three thousand, off".

3. Switch it back on. The light on the heater should be flashing green; if it is not flashing restart the procedure.

4. You now have half a minute to press the button at the back of CZC1. Once pressed, the light on the heater will immediately stop flashing and possibly change to yellow or red depending on the CZC1 settings and the room temperature.

Now that it's connected you shouldn't ever have to do it again, though you may also wish to follow this procedure if you add more heaters or move your heater to another CZC1.

3 *Choosing a position in the room*
The CZC1 should be positioned on the wall in the same room as the heater. It should be where its temperature will not be changed by local effects. Avoid:

● Draughty places near windows, doors and vents.
● Places near the heater itself or any other heat sources in the room.
● Places where the sun will shine on it.
● Places where, for example, it could be hit by a door.
● Places where it may get wet.

Before permanently fixing it, hold the CZC1 in the chosen position and use ▲ to make the power bars appear (See *Quick Adjust* for more details). Check that the heater turns on. If it does not, consider a different position.

4 *Fixing your CZC1 to the Wall*
Remove the wall plate from the rear of the CZC1 and mark through the screw holes on the rear (60 mm centres). Drill and plug the wall to accept No. 6 or No. 8 screws and mount the wall plate. Clip the CZC1 back onto the wall plate.
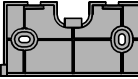
Cleaning the CZC1

Clean the CZC1 only with a soft, lint-free cloth. Avoid getting moisture on buttons or openings. Do not use sprays, liquids or abrasives; doing so may damage the CZC1.

Your heater

Your heater has a control light which may be
green - when no heat is needed
yellow - when some heat is needed to maintain the room temperature
red - when the heater is on at full power

The CZC1 sends a radio signal every minute. When the heater receives the signal, the light winks off briefly and may change colour. When you switch the heater on, the light is always green until the first signal.

A slow flashing green light means that, for 5 minutes, no CZC1 radio signals have been received. Follow the steps in *START HERE* to fix this.
1.6 seconds

A fast flashing red light means your heater has overheated. Remove anything covering it. Switch power off and allow it to cool before switching it back on again.
0.5 seconds

Time, Day and Program

PROG.
SAt
20:18

Here you can see the current time and day of the week. **PROG** shows which step of the program it is currently on.

Holiday (no program)

Pressing **HOLIDAY** switches the program off while you are away. Use ▲ and ▼ to alter the temperature. You can choose ‑‑‑(no heating), 4°C (frost protection) or anything up to 12°C. It stays like this until you press **CLEAR**.

Boost (on timer)

Press **BOOST** to turn the heater on for 15 minutes. If you press **BOOST** again it adds another 15 minutes up to a maximum of 4 hours. You can use ▲ and ▼ to adjust the boost temperature. Boost ends when the time runs out, or you can cancel it by pressing **CLEAR**.

Locking the CZC1

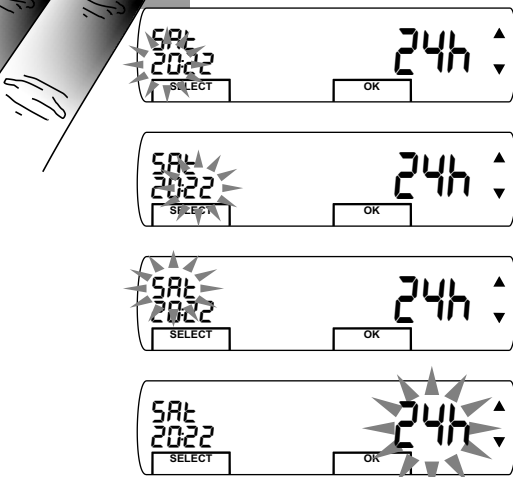You can lock the CZC1 to prevent tampering. When locked all buttons are disabled. **HOLIDAY**, **BOOST**, **SET-BACK**, **ADVANCE**, ▲ and ▼ are not displayed.

To lock it press **SET-BACK** and **ADVANCE** together to enter program setting, then press the button on the back for 2 seconds.
To unlock press **SET-BACK** and **ADVANCE** together, release them, then press the button on the back within 2 seconds.

## Power and Transmit symbols

25%   50%   75%   100%   As your room reaches the target temperature, heating is reduced from 100% 4 bars to 0% no bars.

The radio transmit symbol appears whenever the CZC1 transmits to your heater. This happens about once per minute.

PROG. | ACTUAL | TARGET
SAt 20:18 | 20.8°C | 21.0°C
HOLIDAY   BOOST   SET-BACK   ADVANCE
CLOCK   °C/°F   PROG

First follow instructions overleaf

Actual and Target Temperature

Actual is a thermometer showing the room temperature. Target is the temperature you would like. It is set manually or by the program and can be ‑‑‑ when no heating is needed.

ACTUAL 20.8°C   **TARGET** 21.0°C
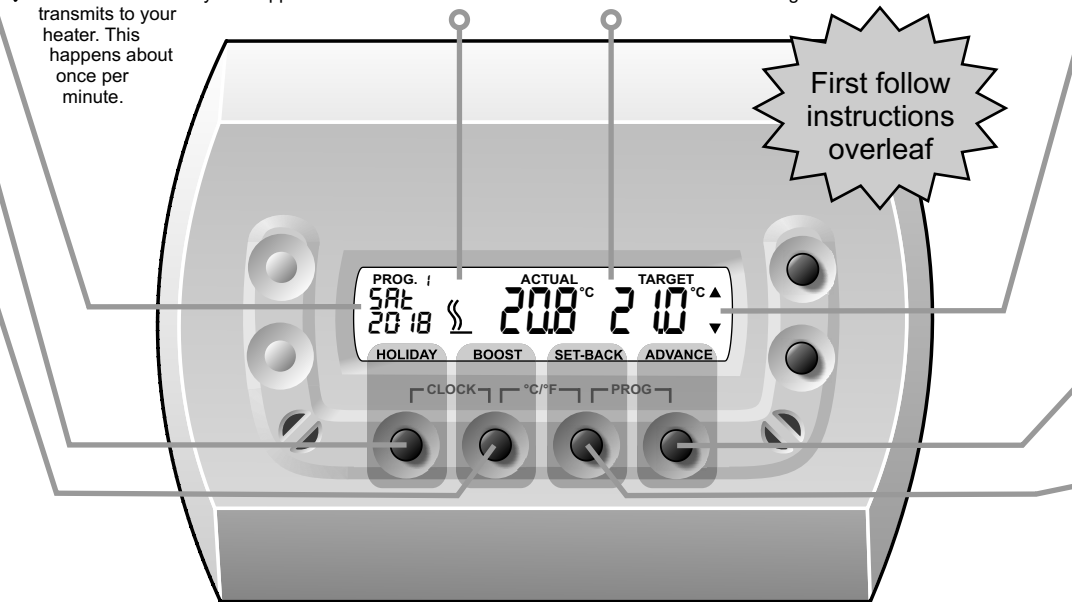
Quick Adjust

During normal operation you can use ▲ and ▼ to alter the temperature. The effect is temporary; it reverts to normal temperature on the next prog or if you press **CLEAR**. You can set it to ‑‑‑(no heating), or anything from 4°C (frost protection) to 30°C.

TARGET 21.0°C ▲▼ CLEAR

Continuous Fan

If you press ▲ and ▼ together, it starts or ends *FAn*. With *FAn*, heaters operate as normal but if they have fans, the fans blow continuously. It reverts to normal on the next prog or if you press **CLEAR**.

TARGET FAn °C ▲▼ CLEAR

Advance (early bird)

Press **ADVANCE** if you wish to bring forward the next prog; for instance if you arrive in or leave the room earlier than normal. The program stays Advanced until the prog's normal time or until you press **CLEAR**.

Set-Back (economy)

For economy press **SET-BACK**. The 7 day program continues to run but all temperatures (except frost) are lowered by 5°C. Set-Back continues until you press **CLEAR**.

Setting the Time and Day

HOLIDAY   BOOST
CLOCK   °C
To set the clock press **HOLIDAY** and **BOOST** together. The hours will start to flash and you can adjust them with ▲ and ▼. Using **SELECT** you can adjust minutes, day of week or change from 24 hour clock to 12 hour clock. When you are finished press **OK**.

SAt 20:22 24h SELECT OK
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Factory set program

On each weekday it is 21°C from 6:30am to 8:30am, then 4°C (frost protection) until 4:30pm, then it is 21°C until 11:00pm and finally 4°C until prog.1 the next day. To restore this program press ▲ and ▼ together during *Copy Day* in *Setting the 7 day program*.

	Mon to Fri		Sat and Sun	
1	06:30	21.0°C	08:00	21.0°C
2	08:30	4.0°C	23:00	4.0°C
3	16:30	21.0°C	‑‑:‑‑	‑‑.‑°C
4	23:00	4.0°C	‑‑:‑‑	‑‑.‑°C
5	‑‑:‑‑	‑‑.‑°C	‑‑:‑‑	‑‑.‑°C
6	‑‑:‑‑	‑‑.‑°C	‑‑:‑‑	‑‑.‑°C

Frost Protection 4°C

ACTUAL 3.2°C ❄ For frost protection, set the Target temperature to 4°C. There is no frost protection if you set it to ‑‑‑. The snowflake symbol appears if the Actual temperature ever falls below 4°C.

Celsius or Fahrenheit

Pressing **BOOST** and **SET-BACK** together changes Actual and Target temperature between Celsius and Fahrenheit.

BOOST   SET-BACK
CK   °C/°F   PR

20.8°C   69.4°F

Setting the 7 day program

To set the program press **SET-BACK** and **ADVANCE** together. This will take you to stage 1 below. You can program the CZC1 with up to 6 temperature levels per day.
Program times cannot overlap, for example if prog.3 Mon is 16:30 then prog.2 Mon can only be set to times before 16:30.
Note: You might accidentally "lock" it while setting the program. To unlock it see *Locking the CZC1*.

1 The prog number and day will flash. You can change it with ▲ and ▼. **SELECT** takes you to stage 2.

PROG. SAt 08:00 TARGET 21.0°C ▲▼
SELECT   COPY DAY   OK   CLEAR
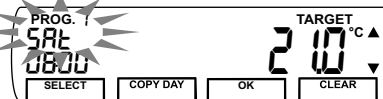
2 The time flashes. You can adjust it with ▲ and ▼. **SELECT** takes you to stage 3.

PROG. SAt 08:00 TARGET 21.0°C ▲▼
SELECT   OK

3 The temperature flashes. You can adjust it with ▲ and ▼ for room temperature, 4°C (frost protection) or ‑‑‑ (no heating). **SELECT** returns to stage 1.

PROG. SAt 08:00 TARGET 21.0°C ▲▼
SELECT   OK

**4** When you have finished setting the program press **OK** to return to normal operation.

Clearing A Prog: If you clear a prog it displays as ‑‑:‑‑, ‑‑.‑°C and the prog is ignored. From stage 1 press **CLEAR** to clear a prog and press it again to un-clear it.

PROG. SAt ‑‑:‑‑ TARGET ‑‑.‑°C ▲▼
COPY DAY   OK   CLEAR
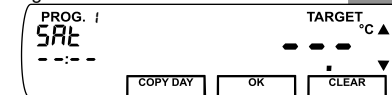
Copy Day: Use this to copy all 6 progs from the day you were adjusting to another day. Press **COPY DAY** to actually do the copy. **CLEAR** returns to stage 1.

SAt to Sun ▲▼
COPY DAY   CLEAR
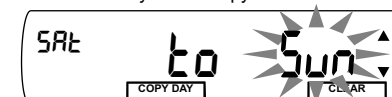
Continuous Fan: While temperature is flashing press ▲ and ▼ together to choose *Continuous Fan* for this prog.

Manual Operation: If you clear all 6 progs in all 7 days, there is no program at all. The temperature control is done entirely by *Quick Adjust*.

SET-BACK   ADVANCE
°F   PROG

V22