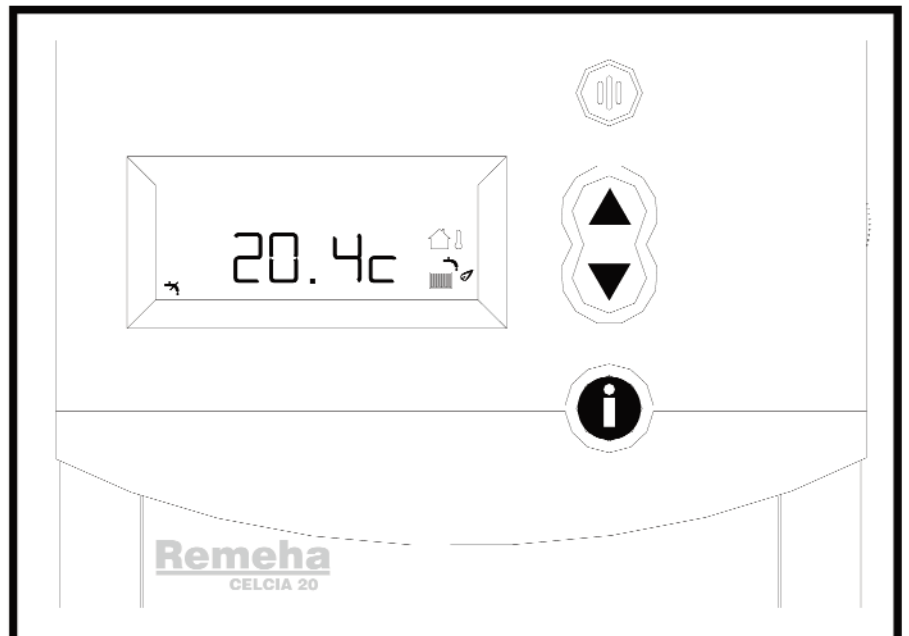


Celcia 20

User instructions

Celcia 20



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Celcia 20 Timer / Thermostat / Weather Compensator

Initial Set up

When the Celcia is first connected to the boiler and power switched on - the display will initially show all the symbols and lettering followed by the version number to confirm correct connection.

Note: A blank display indicates no or incorrect connection to the boiler

Set Language

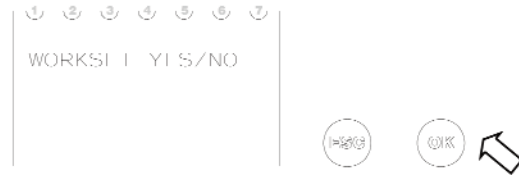
Display will allow choice of language
scroll through the options using the +/- buttons

Save using the OK button



Display will show WORKS/NO
choose NO using the + / - buttons

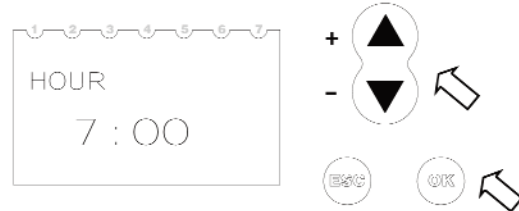
Save using the OK button



Set Time and Date

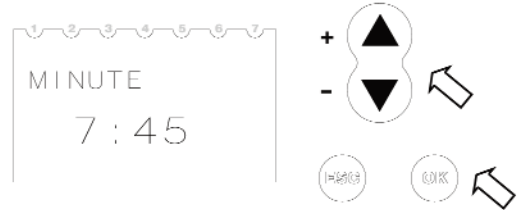
Select current time in hours using
the + / - buttons (24 hr clock)

Save using the OK button



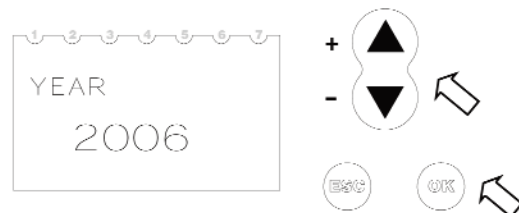
Select current time in minutes using
the + / - buttons

Save using the OK button



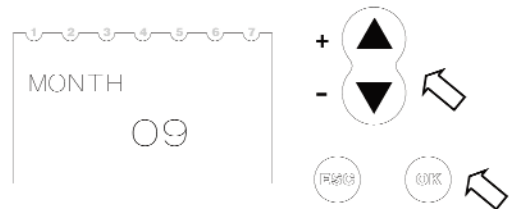
Select current year using
the + / - buttons

Save using the OK button



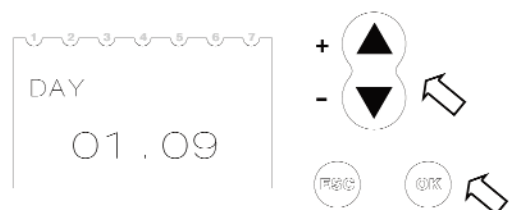
Select current month using
the + / - buttons

Save using the OK button



Select current date using the + / - buttons
(ie: date 01 with month shown 09)

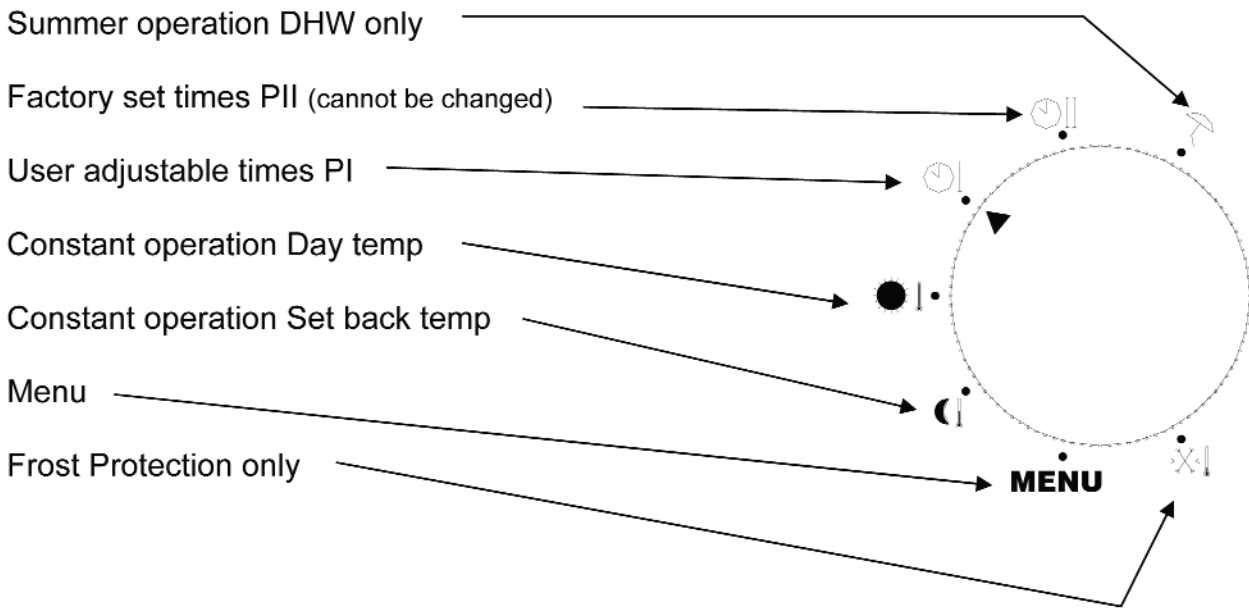
Save using the OK button



Display will return to mode determined by position of the rotary programme selector

Rotary Programme Selector

The rotary programme selection dial has seven positions



- 1 **Summer operation** - Heating operates Constant **ECO-TEMP** temperature with DHW on from 0600 to 2300
- 2 **Factory set times PII** - Heating and DHW operates in accordance with preset times and temperatures (see table 2 on page 5)
- 3 **User adjustable times PI** - Heating and DHW operates in accordance with desired times and temperatures
- 4 **Constant operation Day temp** - Heating operates continuously to **TEMP-5** temperature set point (factory set to 20.8°C - this can be adjusted by user)
- 5 **Constant operation Set back temp** - Heating operates continuously to **ECO-TEMP** temperature set point (factory set to 15°C - this can be adjusted by user)
- 6 **Menu** - Used to set up timer parameters
- 7 **Frost protection only** - Heating operates in accordance with **FROST** temperature (factory pre-set to 6°C - this can be adjusted by user)

The **Celcia 20** is an optimising timer /room thermostat with options for inside weather compensation or outside weather compensation only (factory set for room compensation)

Your installer should set the control to outside weather compensation if an outside sensor is fitted

NOTE: An optimiser will check inside and outside temperatures and start the heating system before the set start time to ensure the required inside temperature is achieved by the start time

The control can be programmed to provide time and temperature control over the heating and hot water system to suit the specific occupancy requirements of the property (PI). It also has a built in (non adjustable) a factory default set of times (PII) which can be used (see table 2 on page 5)

Unlike some “time” controls the **Celcia 20** is set to operate to comfort temperatures during occupancy and economy temperatures during non occupancy periods.

So in reality the heating is never switched off just sets back to a background heat level (**ECO-TEMP**) or one of the other pre set temperatures (**TEMP-1** to **TEMP-5**) to minimise heat up time when heating is actually needed

These temperatures are factory pre-set (see table 1 on page 4) but can be adjusted by the user to suit specific occupiers needs.

A further **Frost** level temperature is available which sets the heating down to 6°C (also factory set but can be adjusted) to provide building and system protection during holiday /weekend or in fact at any chosen unoccupied time period.

Factory Pre-set temperatures

Temperature	Factory Setting °C	Your setting °C
FCO TFMP	15	
TFMP 1	15	
TFMP 2	19	
TEMP - 3	20	
TEMP - 4	20.4	
TEMP - 5	20.8	
FROST	6	

Table 1

To set User Adjustable Times

Rotate dial to **MENU** - display will show

Using the + key scroll display :

SETPOINT TEMP (key +/-)

CLOCK/DATE (key +/-)

PROGRAM P1

Save using the OK button

Display will now show **NEW POINT** Save using the OK button display will now show the number of **FREE** switching points available (max 21) then revert to:

Display now indicates **MO FR** and highlights

the day of the week display - any times pro-

grammed will effect all 5 days highlighted. To

choose individual days or other groups of days

+ to scroll through the options **SA/SU - DAILY**

SINGLE DAY

The first "Comfort" temp switching time must be set in hours using the +/- keys and save using the OK button followed by minutes using the same method

NOTE: Using 24 hr clock

Now choose the "Comfort" temp from the table

Above using the +/- key scroll through the

choices available (display shows **TEMP 2 19°C**

Save using the OK button - the display will flash

END and return to **NEW POINT**

Key OK and the number of free switching times

FREE 20 (this number will reduce by one for each time set) key OK and **MO FR** will

display confirming that you are still setting these days.

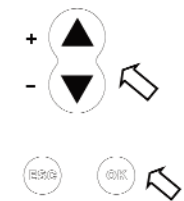
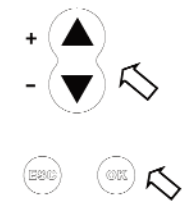
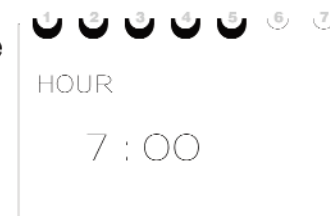
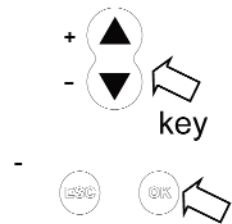
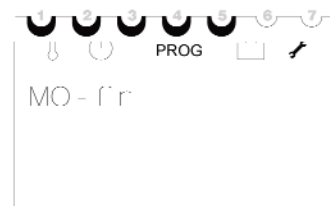
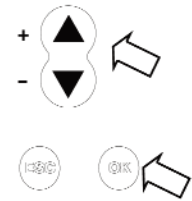
Key OK to display **HOURS** - now set new time in hours then minutes followed by the

temperature required as described above.

Set all the required switching times for the rest of the day period. for **MON -FRI**. Return to

display **MO-FR** and use +/- key choose **SA-SU** and repeat the same sequence as

before to set times for these days.



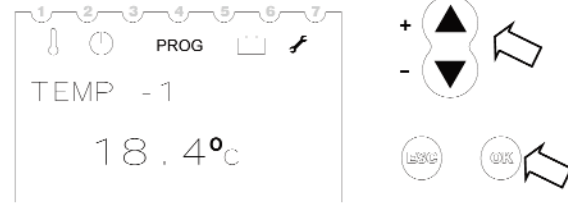
will display

Changing the factory Pre-set temperatures

Rotate dial to **MENU** - display will show
SLIPPOINT TLMPT
Key OK to enter



This displays the factory default. To change use key +/- to increase or decrease to the temperature required and record in table 1 along side pre-set temps
Key OK to save



Display changes to TEMP-2 again change temperature to setting required using +/- key
Carryout changes to all setting needed including the ECO (set back) and FROST temp settings
Remember to record changes to refer to, when programming times and temperatures

Holiday setting

The **Celcia 20** allows the user to set the heating to a reduced temperature FROST mode for a specific period of time without changing the normal use settings.

Set the rotary dial to MENU

Using the +/- button scroll to the HOLIDAY setting and key OK

If a holiday programme has been set CHECK will display - key OK to view

If no holiday programme has been set the display shows START HOLIDAY and then displays YEAR - using the +/- buttons set year and OK then set MONTH with +/- buttons OK then DAY / HOUR and OK

The display then flashes END HOLIDAY and goes to YEAR. Set YEAR / MONTH / DAY and HOUR as above.

The display will then confirm FROST which will be the temperature set for the whole holiday period.

It is not possible to edit the holiday programme - Just erase

To erase the holiday program—set rotary dial to MENU select HOLIDAY and OK then using +/- key scroll through to CLEAR and key OK. Holiday programme will be erased.

Factory set Programme PII

No	Time	Mo	Tu	We	Th	Fr	Sa	Su	Temp
1	07:00	•	•	•	•	•			TEMP-2
2	08:00						•	•	TEMP-2
3	08:30	•	•	•	•	•			ECO -TEMP
4	10:00						•	•	TFMP 3
5	16:00	•	•	•	•	•	•	•	TFMP 4
6	18:00	•	•	•	•	•	•	•	TFMP 5
7	23:00	•	•	•	•	•	•	•	ECO TFMP

Table 2

Celcia 20

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