H   I   J   K   L

A

B

C

D

M

N

O

E   F   G

E8.2RF

Screen Display Symbols

A 24 hour events
B Key Lock
C Present Ambient Temperature
D Temperature setting/Time (alternating)
E Menu
F Mode/Clock
G Power On/Off

H Low Battery
I Automatic Mode
J Manual Mode
K Frost Protection Mode
L Day Display
M Increase Key
N Decrease Key
O Calling for Heat Symbol

Thermostat Modes

Manual operation mode .When this mode is selected it overrides the automatic Mode and the room will heat to the temperature selected.

Automatic Mode. The thermostat can be programmed to suit individual needs. Each hour can be set to energy saving temperature or comfort temperature and each day of the week can be programmed.

Frost Protection Mode. This ensures that the temperature does not drop to below 5°C. The thermostat can be set to default to Frost Protection mode when turned Off. This can be set in advanced settings

Operating Instructions

⏻ Turn the Thermostat On/Off:

On - Initially the full screen will show, then return to the last mode before it was switched off.

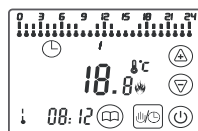**Off** - The display will show OFF and ❄ (if set in adv settings)

This indicates that the thermostat is in Frost Protection Mode

⏱ This key allows you to switch between manual and automatic mode

Manual Mode   Automatic Mode

▽ Decrease key

In manual mode press to decrease the temperature by 0.5℃ each press. Press and hold to scroll down through temperatures.

△ Increase key

In manual mode press to increase the temperature by 0.5℃ each press. Press and hold to scroll up through temperatures.
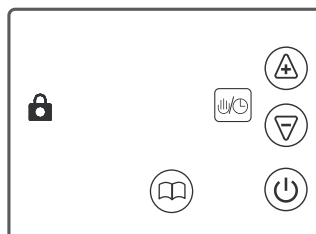
Adjusting the Day and Time

Press and hold ⏱ until the minute display flashes. Adjust to correct time using △ or ▽. Press ⏱ again and the hour display will flash. Adjust to correct time using △ or ▽. Press ⏱ again and the day display will flash. Adjust to correct day using △ or ▽ Press ⏱ to finish, thermostat will return to main screen.

Temporary Manual Override

By pressing the △ or ▽ while in Automatic Mode ⏲ the thermostat can be placed in a temporary manual override, both the ⏲ & ⑊ symbols will appear in the display. The temperature can be set using the △ & ▽ keys. The override will continue until the end of the current hour, then return to automatic mode.

Key Lock Function

In order to lock the screen press and hold △ and ▽ simultaneously until the 🔒 symbol is displayed (approx 7 secs).

To unlock the screen, press and hold △ and ▽ simultaneously until the 🔒 symbol is no longer displayed (approx 7 secs).

Setting the program for Automatic Mode

When the thermostat is operating in automatic mode the thermostat operates at comfort temperature setting, energy saving temperature setting or off/frost protection mode (if set in adv settings). The factory setting for comfort temperature settings is 20℃. The factory setting for energy saving temperature setting is 16℃.

To change the factory settings press and hold 📖 until P(1-7) shows then press 📖 again. PHi will show, use △ or ▽ Key to select the required temperature for comfort temperature. Press the 📖 again and PLo will show, use the △ or ▽ key to select the required temperature for energy saving temperature. Press ⏻ to exit temperature setting function.

Using a pre-set Automatic Program

The thermostat is pre-programmed with 6 automatic programs for convenience. To select one of these programs press and hold the 📖 until P(1-7) appears and use △ or ▽ to choose desired program.

No.	Work day programme	Rest day programme	Application decription
P1		Rest day same as work day	Constantly at Comfort Temperature
P2			Mon-Fri at work Sat & Sun at home
P3			Mon-Sat at work Sunday at home
P4		❄ Frost protection mode	Office programme with office closed Sat & Sun
P5		❄ Frost protection mode	Office programme with office closed Sunday
P6		Rest day same as work day	Constantly at Energy Saving temperature

Details of Pre-set Automatic Programs

P1: Comfort temperature 24 hours a day 7 days a week. For use where comfort temperature needs to be maintained at all times.

P2: Comfort temperature morning and evening and energy saving overnight and during office hours Monday to Friday. Comfort temperature all day and energy saving overnight Saturday and Sunday. For use in residential property where occupants work Monday to Friday.

P3: Comfort temperature morning and evening and energy saving overnight and during office hours Monday to Saturday. Comfort temperature all day and energy saving overnight Sunday. For use in residential property where occupants work Monday to Saturday.

P4: Comfort temperature during office hours and energy saving overnight Monday to Friday. Frost protection mode on Saturday and Sunday. For use in office with office closed Saturday and Sunday.

P5: Comfort temperature during office hours and energy saving overnight Monday to Saturday. Frost protection mode on Sunday. For use in office with office closed Sunday.

P6: Energy saving temperature 24 hours a day 7 days a week. For use where energy saving t emperature needs to be maintained at all times.

Setting a 7 day customised Automatic Program

1. Press and hold 📖 until P(1-7) appears (approx 7 secs) and use ⊿ or ▽ to choose P7. This program can be customised to personal requirements

2. Press and hold the 🖐🕐 symbol until 00 shows (approx 7 secs). To select required day press 🖐🕐 symbol again.

3. Begin to enter the required temperature setting for each hour of the day starting at 00 and working through each hour untill reaching 24.

4. Press ⊿ to select comfort temperature for that hour and again to move on to the next hour

5. Press ▽ to select energy saving temperature for that hour and again to move onto the next hour.

6. Press 🖐🕐 symbol to move onto the next day.

7. Repeat the process for each day of the week.

8. To program a day to frost protection mode, once the day is selected press 📖 the then the 🖐🕐 to move on to the next day.

Advanced Settings (Qualified person preferred)

These should be completed by a qualified person when mounting the thermostat. To enter the advanced settings, first switch off thermostat by pressing ⏻ then hold 📖 while switching thermostat back on.

1ADJ: Temperature calibration
Press ⊿ or ▽ key to adjust to correct temperature.
Adjustable scale +/- 9.9°C
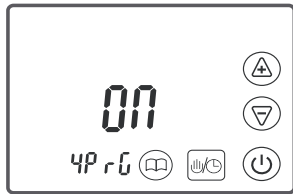Press 📖 Key again to move onto the next advanced setting.

2DIT: Switching differential setting
Press ⊿ or ▽ key to change switching differential.
Setting range 0.5- 5°C.
Press 📖 Key again to move onto the next advanced setting.

3LTP: Activate Frost protection mode when power is off
Press ⊿ or ▽ Key to select ON or OFF.
Press 📖 Key again to move onto the next advanced setting.

③

4PRG: Turn on/off clock and program Functions.
Press ⓐ or ▽ Key to select ON or OFF.
Press 📖 Key again to move onto the next advanced setting.

5COD: Start code matching
Press ⓐ to code match with receiver. (Refer to receiver instructions for code matching)
Press 📖 Key again to move onto the next advanced setting.

6PA: Choosing wireless frequency power
Press ⓐ or ▽ to change the wireless frequency power.
Setting range 0-3 (0 min 3 max)
Press 📖 Key again to move onto the next advanced setting.

7FAC: Reset to Factory settings
Press and hold ⓐ until "- - _" appears across screen (approx 7 secs)
To exit advanced settings press ⏻ key.

Parameters

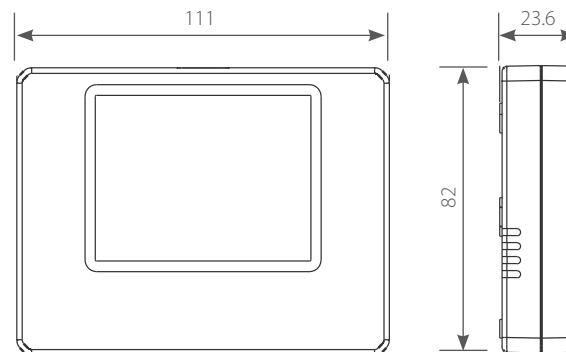Power supply: DC3V, 2x AA battery
Wireless frequency: 433 Mhz
Measuring range: 0 to 95 °C
Setting range: 5 to 90°C
Switching differentail; 0.5 to 5°C adjustable (factory setting:1°C)
Sensor; internal NTC sensor

Dimension size: mm

111   23.6   82

Mounting