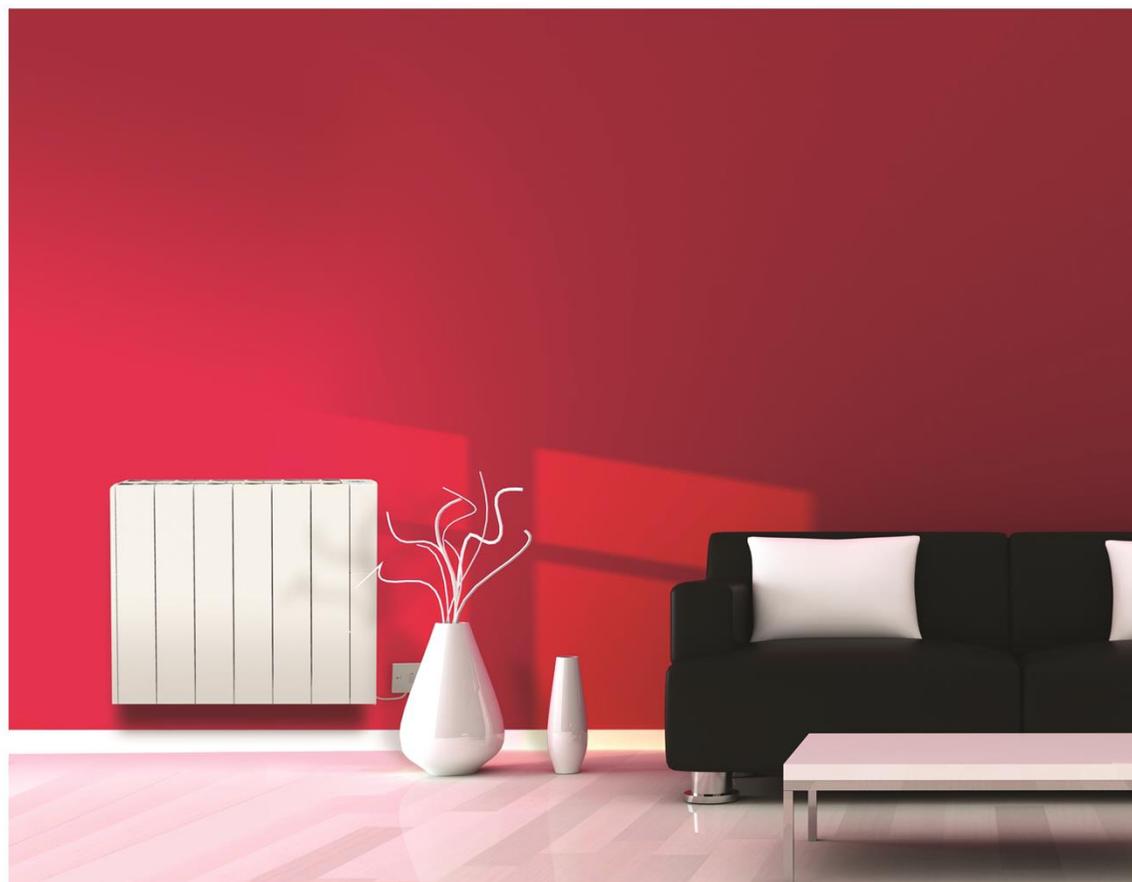


Electrorad[®]

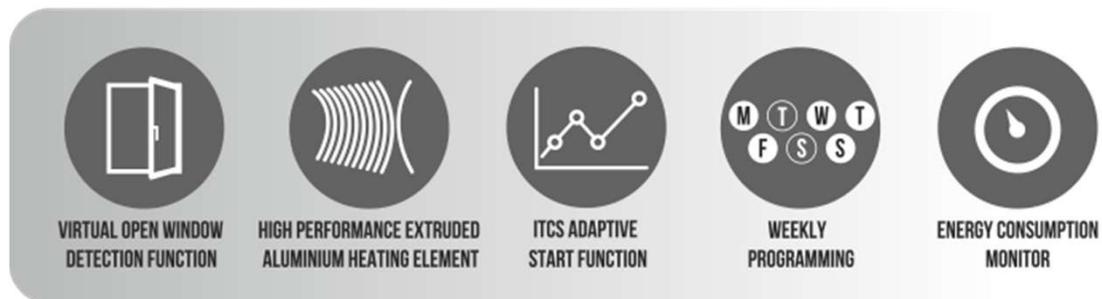


VANGUARD



Vanguard by Electrorad

- Vanguard Aluminium energy efficient electric radiators are constructed in aluminium for lightness and rapid heat up times. Vanguard radiators are finished with powder coating.
- The aluminium bodies have been manufactured with the convection air vents at the top to increase the looks and desirability of this product. The digital controls are also at the top to not affect the aesthetic appeal and to make for easier use. Each Vanguard electric radiator has a built in digital thermostat and weekly programming control.
- Energy saving features include open window sensing, adaptive start learning function, surface temperature control and energy use monitor. European legislation Lot 20 compliant. Wall brackets are provided. Vanguard radiators can be plugged in or connected to a fused spur.



Vanguard Instructions

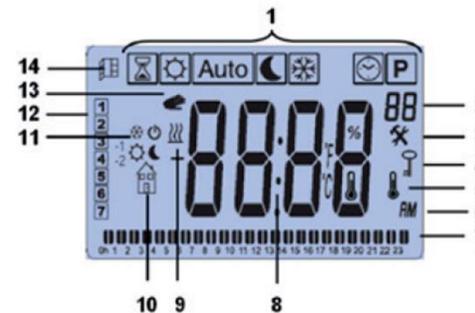
Please read these through before attempting to set your radiator.

The buttons on the screen look like this, we call them button 1 2 3 4 5 from left to right.



Understanding your display.

1. Operating mode menu (all active modes are framed).
2. Program number or parameters number.
3. Installation parameter menu.
4. Key lock function indicator.
5. Room temperature indicator.
6. Type of time display (12H am/pm or 24H)
7. Graphic view for the current day program.
8. Display zone for Time, Temperatures and parameters.
9. Heating demand.
10. Pictogram for program creation, status in normal mode.
11. Pictogram for pilot wire indication.
12. Current day of the week
13. Override function in AUTO mode or ITCS function activated if blinking.
14. Windows open indicator.



Setting the date and time.

- Use button 5 to scroll along the icons at the top of the screen until your square surrounds the clock icon.
- Press OK, you will then be presented with a clock.
- Press button number 4 and the hours will begin to flash. You can then use button 2 to decrease the hours and button 4 to increase the hour. Once you have reached the correct hour, press OK and the minutes will start to flash. Again use buttons 2 or 4 to select the current minutes passed the hour and press OK once this shows the correct time.
- Once you have set the time and pressed OK, you are invited to select the day of the week which is represented by numbers 1 – 7 down the left hand side. I think it's a good idea to imagine day 1 is Monday, day 2 is Tuesday, day 3 is Wednesday, day 4 is Thursday, day 5 is Friday, day 6 is Saturday and day 7 is Sunday. Use button 2 or 4 to move the cursor to the correct day of the week, then press OK
- You are then given the date in the same manner as the time, so you can set the date and month in the same way as the time. Then press OK.
- Finally you need to set the year, use button 2 or 4 to select the correct year and press OK.
- The final part of this is to save the information, you will be presented with a screen asking if you want to save, Press OK and the information will be saved.

Setting your comfort and Economy temperatures.

- Your comfort temperature is decided by you and symbolised by the sunshine icon, this is for when you are home and want to be warm. Your economy setting is also decided by you and is symbolised by the moon icon, most often used through the night when you are in bed or when you are out during the day.
- To set your comfort temperature, use button 5 to scroll along to the sunshine icon. Simply press button 2 to decrease your comfort temperature, or button 4 to increase it. Pressing OK on this screen moves you from the current room temperature to your set temperature.
- Repeat this process for your economy setting, use button 5 again to scroll across to the moon icon, then use button 2 to decrease or button 4 to increase the temperature as desired. Again, pressing the OK button send you to and fro from your current room temperature to the set point.
- You can now select which temperature you want your room to be throughout 30 minute intervals, 24 hours a day for the whole week long to suit your lifestyle.

Using the radiator in manual mode

- If you don't want to set your timing and just want to use your radiator manually in what we call easy mode, we can remove all the icons along the top of your screen apart from the sunshine and moon. You can then simply swap from your comfort to your economy setting as you wish manually. To set your radiator to easy mode:
- Press and hold button 3 which says OK for 5 seconds, you will then be presented with a screen that says 'prog'
- Press button 4 to select no, and then press button 3 for OK.
- You will then need to press button 5 12 times until you see the word end in the middle of the screen.
- Press button 3 again to get back to the home screen.
- Now when you press button 5 you will notice that all of the icons have disappeared apart from the sunshine and moon symbol which represent your comfort and economy settings.
- Now when you want your comfort temperature, press button 5 until your square is around the sunshine icon, then press OK. Then when you want your economy temperature, you press button 5 then OK once your square surrounds the moon icon.
- If you then want to set timings, press and hold button 3 for 5 seconds again to be presented with the 'prog' parameter 01. This time, you press button 4 until it says yes, then press ok to accept you want the full range of icons back.
- You will then need to press button 5 12 times until you see the word end in the middle of the screen.
- Press button 3 again to get back to the home screen.
- If you press button 5, you will now notice that all the icons have re-appeared along the top of the screen and proceed to set your timings as instructed in the 'set timings' section of these instructions.

To set your own timings.

- You need to move fast with these actions before the radiator will go back to the home screen so please have an idea of what times you want your radiator to come on comfort and set back settings before you begin
- Use button 5 to scroll across the icons along the top of your screen until your square surrounds the 'P' icon as shown in the picture above. Press OK
- Press button 4, 10 times, until the small p1 on the right hand side of the screen reaches 'U1' there are 9 pre-set programmes so it will go through all these first before you reach 'U1' Press OK when you reach 'U1' You will be presented with this screen.



- The screen above has numbers one to 7 down the left hand side; these are the days of the week. I would advise setting day 1 as Monday with days 6 and 7 being Saturday and Sunday. (This is selected when you set the date and time) The numbers 1 – 24 along the bottom are the hours of each day.
- The timing periods are set at 30 minute intervals which begin at 00:00 for midnight. Most people have their radiators on economy at midnight so you can press button 2 to select the setback temperature, you will notice the time in the middle of the screen has now changed to 00:30. Press button 2 again for each 30 minute period you want to select your set back temperature. The time on the screen moves along at 30 minute intervals so you know what time of the day you are about to set. When you want your radiator to come on at your comfort temperature, you then press button number 4. You will notice that a small bar has appeared along the bottom of the screen. Press button number 4 for each 30 minute interval you want to select your comfort setting. When you want to go back to your economy setting press button 2 again, then when you want your comfort press button 4 again. For each interval you have selected economy, there won't be any bars along the bottom and when you have selected comfort, you will see bars along the bottom so you can see what you have selected at a glance. The picture above shows that we have a comfort period through the whole middle of the day and economy setting in the evening and early hours of the morning.
- Once you have completed a full cycle for the day, you will notice that the triangle on the left has now moved down to day 2. Repeat the above process until you have selected a set point temperature for each half hour interval for every day of the week.
- Once you have completed the process, you will automatically be directed back to the home screen with your square around the 'auto' icon.
- Your radiator is now set. Just check that the 'u1' is on the right