

VARENA

Programmable digital fluid electric thermal radiator



A73023343 – Rev.00 - 2025-06



INSTRUCTIONS FOR INSTALLATION, USE AND MAINTENANCE

THIS PAGE INTENTIONALLY LEFT BLANK

IMPORTANT

- WARNING: In order to avoid overheating, do not cover the heater. The appliance itself is marked with the standard "Do not cover" symbol.



- Do not sit on the appliance.

- This appliance is not intended for outdoor use.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given appropriate supervision or training regarding the use of the appliance in a safe way and they understand the dangers involved. Children must not play with the appliance. Cleaning and maintenance to be performed by the user must not be performed by children without supervision.

- Children under 3 years should be kept out of the reach of the appliance unless they are constantly supervised.

- Children from 3 years and under 8 years should only turn on/off the appliance provided that it has been placed or installed at its intended normal operating position and that they are supervised or have received instructions concerning use of the appliance safely and understand the risks that the appliance has. Children from 3 years and under 8 years should not plug in, regulate and clean the appliance or perform maintenance operations.

- CAUTION - Some parts of this product can become very hot and cause burns. Particular attention must be paid when children and vulnerable people are present.

- The heater must not be located immediately below a socket-outlet.
- This heater is filled with a precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or his service agent who should be contacted if there is an oil leakage.
- When scrapping the heater, ensure it is recycled responsibly and follow the regulations concerning the disposal of oil.
- The heater must be installed so that around it there is sufficient space for correct circulation of hot air, always respecting the minimum distances indicated in the LOCATION section.
- The heater must be installed so that switches and other controls cannot be touched by a person in the bath or shower, respecting 0.6 m distance between the radiator and the bath or shower.
- **WARNING:** Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Mounting is an important part of safety. To perform the correct installation, go to MOUNTING section.
- Do not install radiator covers of any kind over the heater.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this heater if it has been dropped.
- Do not use this heater if there are visible signs of damage to it.

- **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

- **WARNING:** To reduce the risk of fire, keep textiles, curtains or any other flammable material a minimum distance of 1 m from the air outlet.

CONTENTS

- 1 x ATC Varena Radiator
- 2 x Metal Brackets
- 2 x Plastic Covers (top)
- 2 x Locking Plastic Covers
- 4 x Grey Wall Plugs
- 4 x Hex-Head Fixings
- 1 x Instructions Manual
- 1 x Quick Start Guide

Please contact sales@atc.ie if any of the above are missing.



DESIGNED AND MADE IN SPAIN

INDEX

1. INTRODUCTION	7
2. LOCATION	7
3. ELECTRICAL CONNECTION	8
4. MOUNTING	9
5. OPERATION	11
5.1. CONTROL PANEL	11
5.2. TURNING THE RADIATOR ON AND OFF	11
5.3. OPERATING MODES	12
5.3.1. COMFORT	12
5.3.2. ECONOMY	12
5.3.3. ANTI-FROST	12
5.3.4. PROGRAM	12
5.3.5. CONFIGURATION	13
5.4. EDIT DAY, TIME AND PROGRAM	13
5.5. HEATING AND TEMPERATURE DISPLAY	14
5.6. MANUAL MODE	15
5.7. OPEN WINDOW FUNCTION	16
5.8. ADAPTIVE START CONTROL FUNCTION	16
5.9. KEYBOARD LOCK	16
6. ERROR CODE INFORMATION	17
7. MAINTENANCE AND CARE	17
8. CHARACTERISTICS TABLE	18
9. ECODESIGN TABLE	18
10. WARRANTY	19
11. CORRECT DISPOSAL OF THIS PRODUCT	20

VARENA PROGRAMMABLE DIGITAL FLUID ELECTRIC THERMAL RADIATOR

1. INTRODUCTION

Before switching the radiator on, carefully read these instructions which will help to ensure correct operation of the appliance.

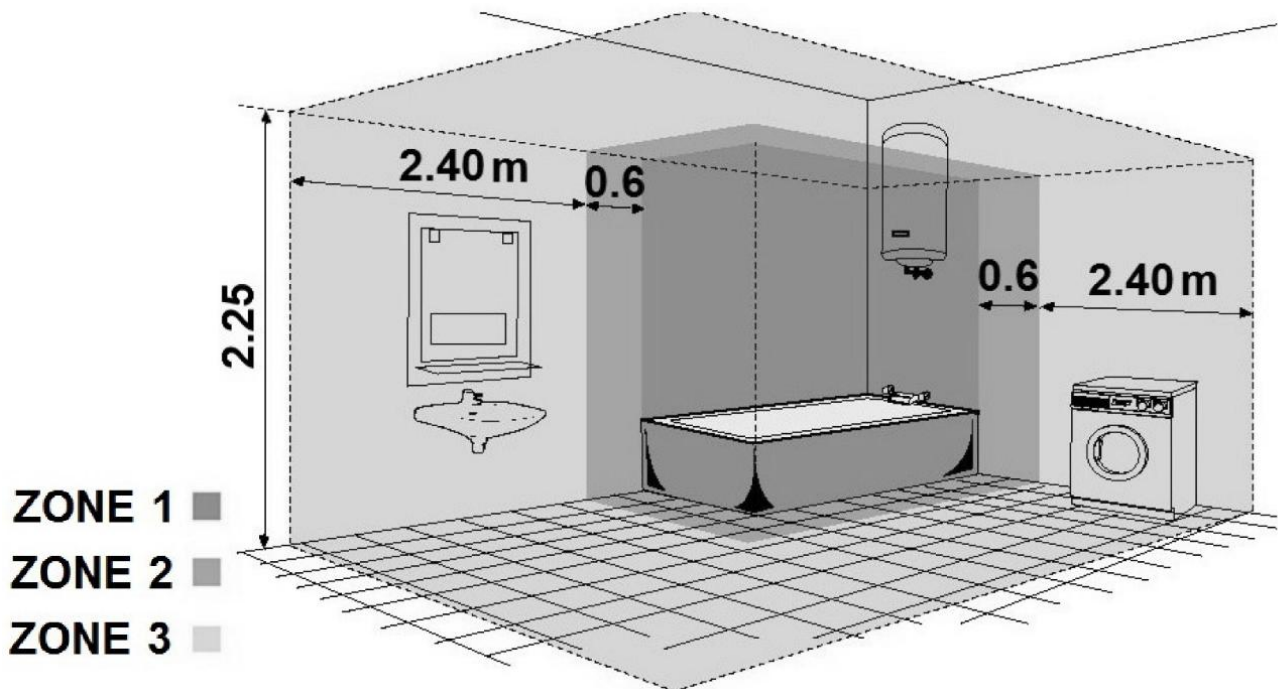
Keep the instructions for future reference.

2. LOCATION

It is recommended to locate the radiator as close as possible to the coldest wall in the room. However, it is not recommended to install the radiator on external walls without any insulation. If it is necessary to mount on an uninsulated external wall the section of wall behind the thermal radiator must be insulated.

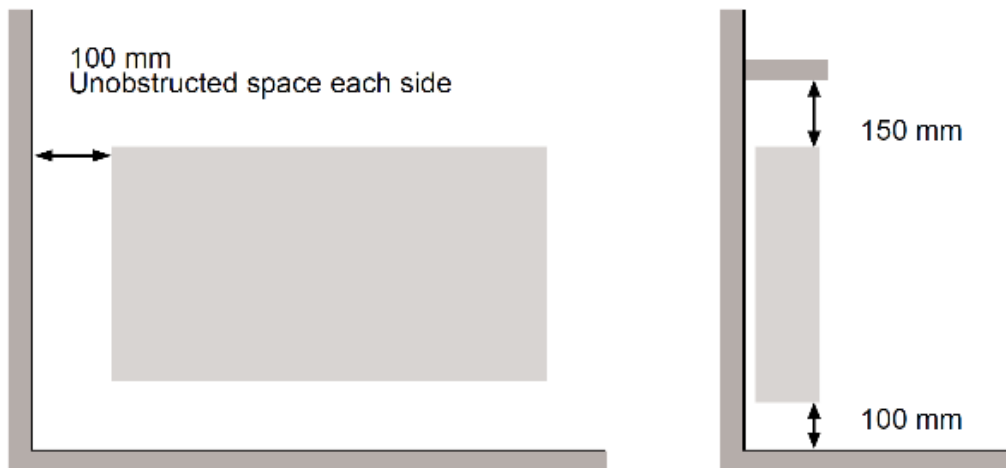
In bathrooms, the radiators must not be installed inside restricted areas. In the UK the radiator must be mounted outside Zone 2. In Ireland the radiator must be mounted outside Zone 3.

The control unit switches must not be reachable, directly or indirectly, by a person in the bath/shower or using the wash basin.



Under no circumstances may the thermal radiator be located below an electrical outlet.

Choose the location of the thermal radiator following the minimum distances indicated below:



Note: If the window sill protrudes less than 20 mm, the gap above the radiator can be disregarded.

3. ELECTRICAL CONNECTION

The Varena radiator must be connected to the mains supply (230 V ~ 50 Hz). It is required to install a switched spur for each radiator.

This appliance can be connected only to a supply with system impedance no more than 0.18 Ω. In case necessary, please consult your supply authority for system impedance information.

In addition, the following warnings must be taken into account:

- **The electric radiator must not be located underneath a light switch or any location where you need to stretch over the radiator to reach or operate the switch.**
- **The electrical supply circuit should be protected with a high sensitivity differential device (RCBO).**
- **It is necessary to isolate the power in the fixed wiring before installation.**

Connection wires:

Brown:	Live
Blue:	Neutral
Yellow-Green:	Earth

The connection wires must be of the appropriate cross section, with regard to the length and type of cable and the power rating of the radiator.

The radiator must be connected into a fused connection box fitted with an appropriate sized fuse for the radiator – see Technical Data on Page 18.

It is recommended that the connection box is positioned 10 cm to the right of the radiator and 15 cm above the floor.

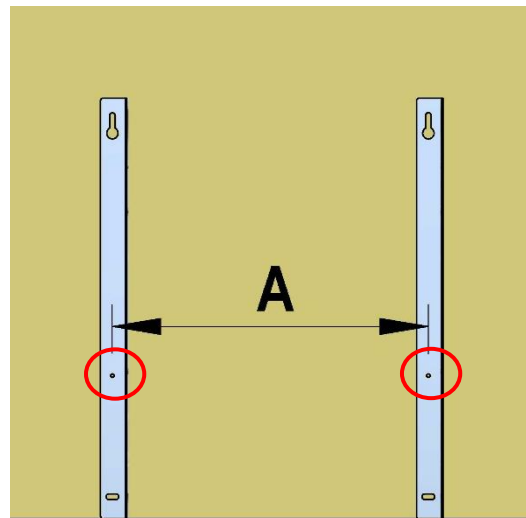
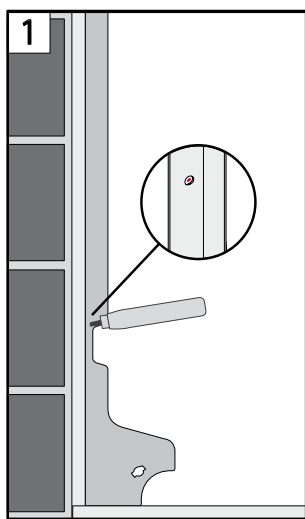
According to regulations, the radiator must be connected to the power supply by means of an all-pole circuit breaker with a contact gap of at least 3 mm or by a thermal-magnetic circuit breaker. It is also recommended to install the radiators on a circuit protected by an RCBO.

4. MOUNTING

The electric radiator should be fixed to the wall by the adjustable width Metal brackets supplied with the radiator, using the cardboard template printed on the box.

If for any reason cardboard template is missing, please follow the instructions below:

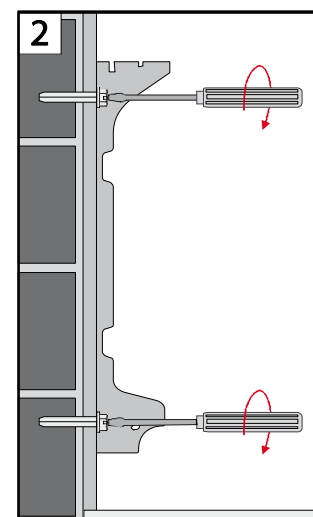
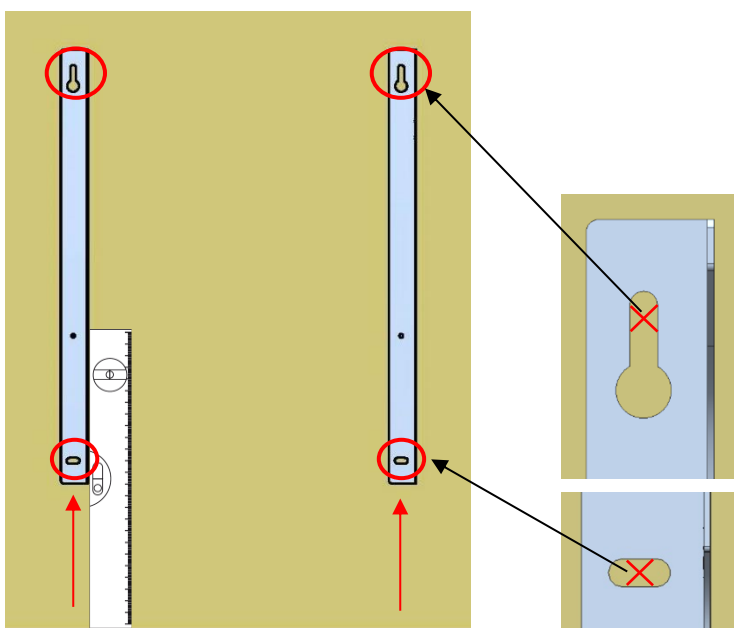
1. Place the two metal brackets provided on the floor and against the wall as shown in Image 1 below. Ensure the MB stamp on the metal bracket is at the top.
2. Check Table 1 for the “A” distance between the brackets for your VARENA model.
3. Mark the small hole in the metal brackets on the wall with a pencil. These two marked points determine the position of the two lower drill holes.



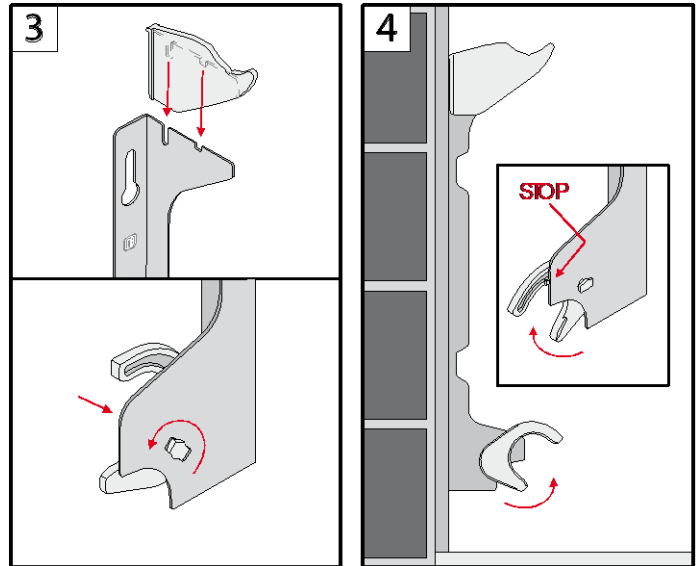
MODEL	A (mm)
VAR500	160
VAR750	240
VAR1000	320
VAR1200	400
VAR1500	400
VAR1800	720

Table 1

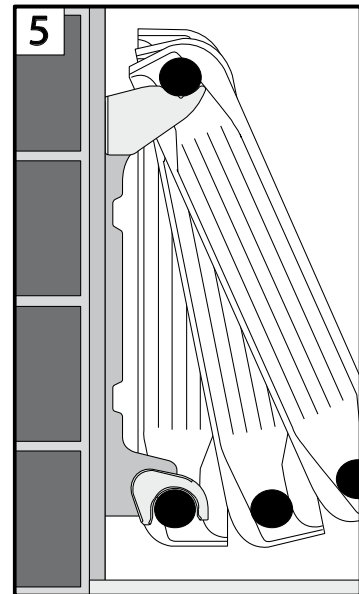
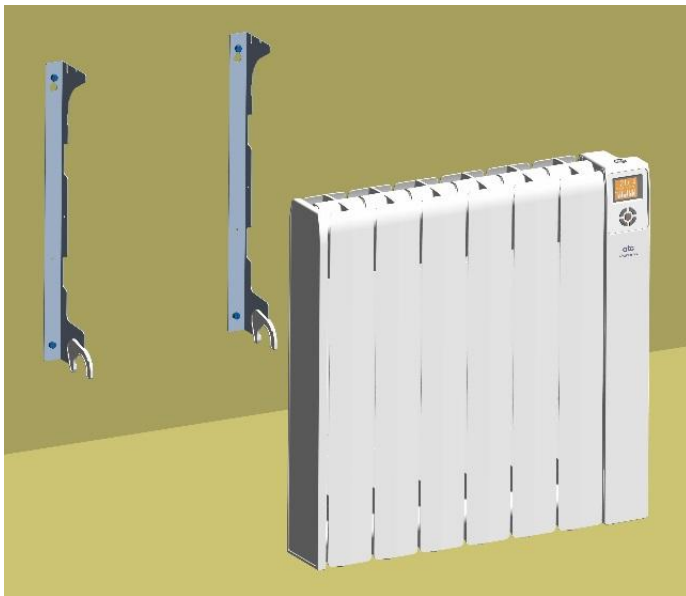
4. With the help of a level, position the brackets matching their lower holes with the previously marked points and mark the upper holes with the pencil.
5. Drill the 4 marked holes. The grey plugs supplied require an 8 mm hole.
6. Insert the grey plugs into the pre-drilled holes. Screw the metal brackets to the wall with the screws provided.



7. Attach the plastic pieces to the top and bottom of the metal brackets as shown in Images 3 and 4.

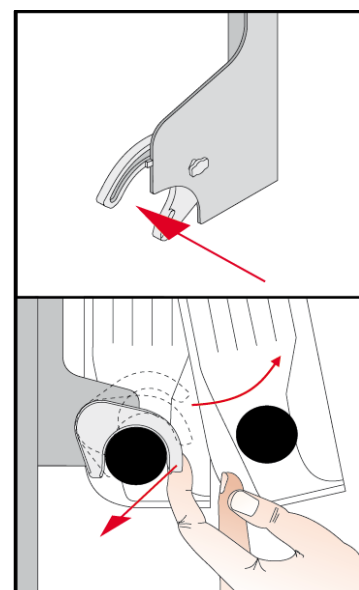


8. Hang the radiator as shown below and in Image 5.



9. To detach the radiator from the bracket:

- 1) Push the plastic bracket away from the metal bracket.
- 2) Lift the plastic bracket and pull the base of the radiator forward away from the metal bracket.



5. OPERATION

5.1. CONTROL PANEL

The control panel is composed of a large TFT-LCD screen with orange backlight and white images for ease of legibility, and five keys as outlined below:

Temperature, day, hour parameters selection
Keyboard lock

Edit day, time and program
Selection of operating mode

Confirm day, time, program and parameters
Copy the program
Manual mode

TFT-LCD Screen

Standby key: Switches the radiator between Standby and Operational.

Exit Open Window mode

*** The Standby key has a raised bump to easily identify it by touch.**

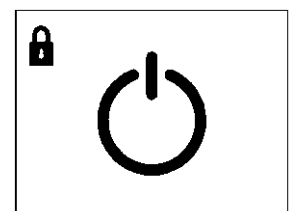
5.2. TURNING THE RADIATOR ON AND OFF

To switch the radiator on, it must be connected to the electrical supply (230 V ~ 50 Hz) as outlined in Section 3; the standby symbol or the current operating mode will appear on the screen. The radiator can be turned off or on by turning off or on the power at the fused spur outlet.

If the radiator is in Standby mode, to set it to Operational press the **Standby** key. The standby screen changes to the last operating mode.

From Operational, to configure the radiator in Standby mode, press the **Standby** key. The standby screen will appear, and the backlight will fade after 1.5 seconds.

If any key is pressed when the radiator is in Standby mode, the standby screen will appear. The radiator can be locked from Standby mode (see section 5.9 of this manual).



The Standby key is distinguished by its central position and the raised bump on its surface. Use to switch the radiator between Standby and Operating mode.

In there is a power failure or the radiator is disconnected, it will always remember the last operating mode, the temperature, and the state (Standby / Operational and locked / unlocked).

If it is the first time that it is plugged in or has been disconnected for more than 4 days, it will be necessary to set the day and time according to section 5.4 of this manual. If the disconnection is for less than 4 days, the day and time will be saved.

Daily and weekly programs are never lost when disconnected from power for long periods.

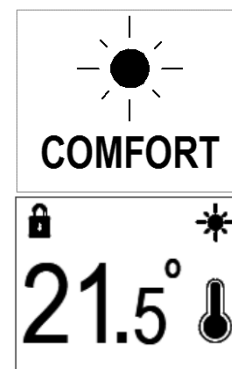
5.3. OPERATING MODES

By successively pressing the mode key the radiator is changed from one mode to another. To identify the mode, a mode screen is displayed for 2 seconds.

5.3.1. COMFORT

In Comfort mode, the desired room temperature is directly selected using the – and + keys. Available setpoints are **between 12 °C and 30 °C** in steps of 0.5 °C. If the keys are held down, the temperature changes faster. When the temperature reaches either the maximum or minimum value it will stop.

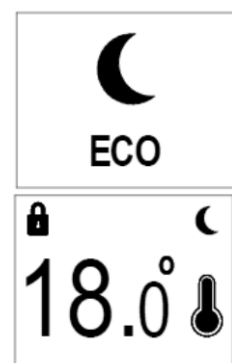
Typical recommended comfort temperature is 20-21.5 °C. The Comfort mode is normally used during the hours the room is occupied.



5.3.2. ECONOMY

The next mode that appears is Economy (ECO), in which the radiator automatically sets a temperature of between 0.5 °C and 4.5 °C less than the comfort temperature (user selectable using the – and + keys). When the comfort temperature is increased or decreased, the ECO temperature will increase or decrease accordingly.

Since the comfort temperature is from 12 °C to 30 °C, the ECO temperature is **from 7.5 °C to 29.5 °C**, but always between 0.5 °C and 4.5 °C below the comfort temperature.



Economy mode is normally used at night or during short periods of absence. It prevents the temperature from dropping too much, as it would be expensive to raise it again.

5.3.3. ANTI-FROST

In Anti-frost mode the temperature is factory set to 7 °C and is not adjustable. Anti-frost mode is normally used as an off set point and for long periods of absence when you want to avoid freezing problems.



5.3.4. PROGRAM

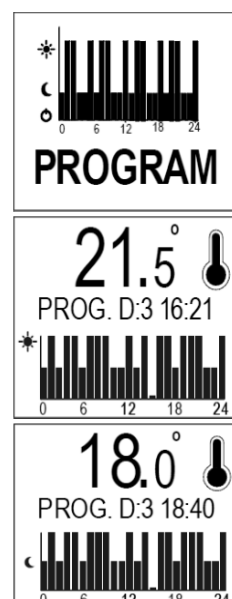
In Program mode the radiator automatically follows the daily and weekly program set by the user.

The bar chart is displayed permanently and displays the 24-hour program divided into one-hour intervals. Each one-hour interval for each day of the week can be programmed as:

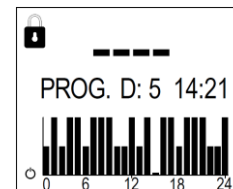
Comfort, Economy or Heating Off

The current hour bar flashes to indicate to the user the current setpoint. A small triangle is displayed above the current hour bar as an index.

Also, only the current time operation mode symbol (the Sun, Moon, or Standby) is displayed on the vertical axis of the bar chart.



In Program mode Comfort and Eco set points can be directly modified with the – and + keys, when their particular mode is active. When the comfort temperature is increased or decreased, the eco temperature automatically increases or decreases by the same amount.



Adaptive start control can be applied to Program mode and can be disabled or enabled in Configuration mode (see section 5.8 of the manual for details of Adaptive start control function). Program mode is the only mode in which this function operates.

See section 5.4 "Edit day, time and program" to modify the program used in this mode.

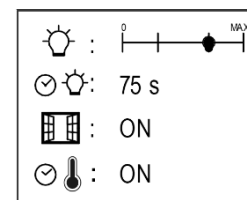
5.3.5. CONFIGURATION

The Configuration screen is at the end of the modes sequence, before entering back to the initial Comfort mode. Allows the user to set parameters and functions for the other modes.



You can configure 4 parameters; the active parameter is flashing:

- 1 - Brightness level at rest, **from 0 to MAXIMUM (100 %)**
- 2 - Maximum brightness time, **from 1 to 240 seconds**
- 3 - **Open Window** function, **ON or OFF**
- 4 - **Adaptive start control** function, **ON or OFF**



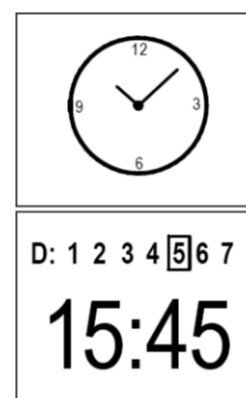
To modify a parameter, use the – and + keys. To move from one parameter to the next, press the **OK** key. The radiator exits this screen by pressing the **mode** key at any time, by waiting 30 seconds without pressing any key or by pressing the **OK** key on the last parameter.

5.4. EDIT DAY, TIME AND PROGRAM

To edit the day, time and program, press and hold the **mode** key for 2.5 seconds (from any mode) until the clock icon appears on the screen:

The edition of the day of the week, time and program starts. This screen will also be automatically displayed when the radiator loses the time after being disconnected from the power supply for more than 4 days.

First, the day of the week is selected with the – and + keys (indicated by a flashing box). To confirm and set the day, press the **OK** key and the radiator now asks for the hour of the day by flashing the hour digits.



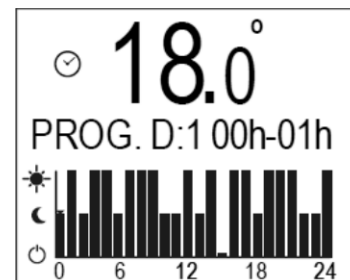
To change the hour, use the – and + keys. To confirm and set the hour, press the **OK** key. When the minute digits are flashing, change to the appropriate time with the – and + keys and confirm by pressing the **OK** key. The radiator will now go to the program edition.

Note: If the radiator had simply lost the time and day, it does not enter the program, but returns to the last active mode.

In the program edition screen, information about the selected interval and its set point temperature are displayed at the top.

For example "PROG. D:1 00h-01h" indicates day 1 of the week and hour from 00:00 to 01:00.

"18.0 °C" indicates the set point temperature of day 1 from 00:00 to 01:00, which in this case is the eco set point. The "00h-01h" interval is flashing to indicate that it can be modified with the + and - keys.



At the bottom of the screen a 24 bar chart is displayed corresponding to one full day divided in the 24 intervals of 1 hour. The bar of the selected interval has a small triangle just above it and is flashing to indicate that it can be modified with the **mode** key.

The height of each vertical bar indicates the mode:

- Tall bar = **Comfort**
- Mid-height bar = **Economy**
- Short bar = **Heating Off**

On the left axis of the bar chart are the 3 mode symbols; the mode chosen for the interval being programmed also flashes at the same time as the bar. To change the mode (comfort, economy, heating off) of each interval, press the **mode** key. To move to the next or previous hour, press + or - respectively.

By pressing the **OK** key, the current program is saved and the program advances to the next day.

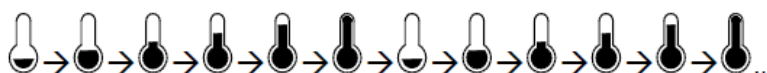
By pressing and holding the OK key the program of the current selected day is copied to the next day or consecutive days. The copied days appear in succession copying the day forward. When you reach the last day you want to be copied, release the OK key.

After Day 7, when confirming with **OK** key, the radiator exits the program edition, and returns to the mode in which it was in prior to commencing editing the time and program.

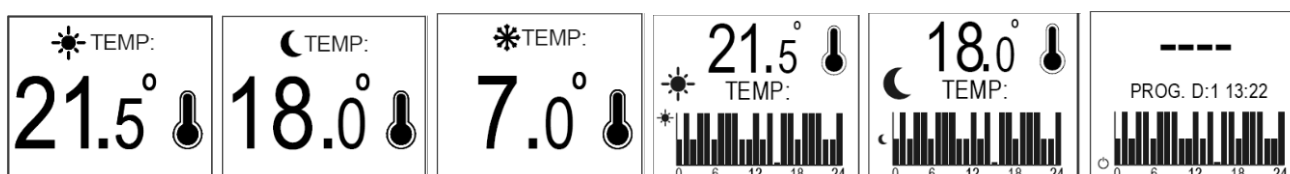
To finish editing the program at any time, press and hold the **mode** key for 2.5 seconds. When editing a program, if no keys are touched for 30 seconds, the radiator will return to the last operating mode.

5.5. HEATING AND TEMPERATURE DISPLAY

When the room temperature is below the temperature set point, the radiator will turn the element on to raise the room temperature. To show the user that the radiator is heating there is an icon of a thermometer being filled on the TFT screen:



The room temperature is normally displayed on the TFT screen. The set point temperature is only displayed when the user attempts to change it; after the setting has been adjusted the display will revert back to the room temperature.



The comfort and eco set point temperatures can be modified both from Comfort and Economy modes, and also within Program mode if they are active at the time.

5.6. MANUAL MODE

The Manual mode is designed to allow a user to override the Program mode without having to change the program itself. For example, if you arrive when the radiator is normally unheated, you can heat the space to a comfortable temperature and then ensure that the radiator returns to its normal mode without changing the program.

It allows the user to manually operate the radiator and override the current setting. It is able to force the radiator to heat or not for a set amount of time. After the time expires, the radiator will return to the previous mode of operation.



To enter Manual mode press and hold the **OK** key for 2.5 seconds.



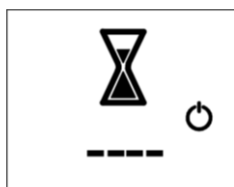
Firstly, using the **-** and **+** keys enter the amount of time you want to force the radiator to heat or not. The edition is circular, from half an hour to 365 days; after 365 days the radiator reverts to 00:30. The steps are:

- Half an hour -- from 00:30 to 12:00 hours
- 1 hour -- from 12:00 to 1 d
- 1 day -- from 1 d to 365 d



To confirm the time required, press the **OK** key.

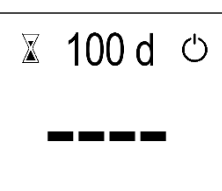
The desired temperature can then be set using the **-** and **+** keys; any temperature between 7 °C to 30 °C (in steps of 0.5 °C) can be entered.



Unheated mode can be entered from either 7 °C or 30 °C by pressing the **-** or **+** keys once from each extreme. Unheated mode is displayed by the standby icon and 4 dashes on the screen (- - - -).

If no key is pressed within 30 seconds before final confirmation, the radiator will return to the previous mode of operation.

When the desired temperature is entered confirm with the **OK** key. The screen will display "ON".



The selected time will remain on the display and count down until it is finished, and with the Sun or Standby symbol depending on whether temperature set point or Unheated mode has been selected. The actual room temperature will be shown when forcing the heating on.

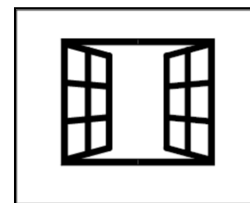
Although the set time cannot be changed, it is possible to change the set point temperature during the operation of Manual mode using the **-** and **+** keys.

Once the set time has elapsed, the radiator will automatically return to the previous mode of operation.

To exit Manual mode at any time, press the **OK** key. The screen will display "OFF", and the radiator will return to the previous mode of operation.

5.7. OPEN WINDOW FUNCTION

When the Open Window function is enabled in the Configuration screen the radiator automatically stops heating when it detects a sudden drop in the temperature (4 °C in 20 minutes). This is normally caused when a window or door is opened to the outside without turning off the radiator. When the Open Window function has been activated, it will be shown on the display by a single screen with an open window.



In order to enable the heating again, the user must press the **Standby** key. The radiator will then return to the previous mode of operation.

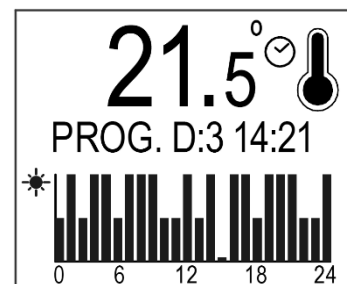
Note: In installations where this function is activated very frequently, it may be appropriate to keep it disabled.

*** This function is considered by Directive 2009/125/EC regulations and will give the unit more efficiency during operation.**

5.8. ADAPTIVE START CONTROL FUNCTION

When the Adaptive start control function is enabled in the Configuration screen, the radiator automatically starts heating prior to the programmed time (a maximum of 2 hours before), to ensure that the next “on” set point is reached efficiently.

The radiator analyses the next two hours, and if there is a set point higher than the current room temperature within that period, and knowing the heating speed of the unit, the software calculates when it needs to start heating. This calculation is made every 5 minutes.



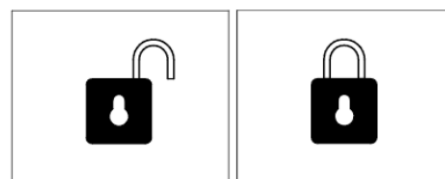
This function only runs when the radiator is in Program mode. When Adaptive start is running, a flashing clock icon is displayed next to the thermometer icon. This function will only operate on temperature rise, e.g., from heating off to eco / comfort, or from eco to comfort.

When Adaptive start is running, the radiator progressively increases the set point temperature until the next programmed set point is reached.

*** This function is considered by Directive 2009/125/EC regulations and will give the unit more efficiency during operation.**

5.9. KEYBOARD LOCK

The user can lock the radiator keyboard by pressing and holding the – and + keys down together for 2.5 seconds; the keyboard can be unlocked in the same way.



When the keyboard is unlocked or locked, the screens on the right are displayed.

When the radiator is locked, the padlock icon will appear in the upper left area of the screen. It is possible to lock the radiator in all modes, even Standby mode.



6. ERROR CODE INFORMATION

There are 3 possible errors that the electronics can detect; if an error is detected, one of the following codes will be displayed on the screen until it is resolved:

ERROR CODE	DESCRIPTION
ERROR1	Failure in microcontroller or RTC (problems with the current time)
ERROR2	Failure of the NTC probe (e.g. disconnected, short-circuited, etc.)
ERROR3	Failure of the EPROM memory



When recovering from an error, the radiator will always go to Standby mode, without retaining any previous mode or state.

If the radiator goes to Standby without any specific reason, it may have recovered from an error.

7. MAINTENANCE AND CARE

Varena radiators require very little maintenance. In order to clean the radiator, it is recommended that the electric power is switched off. Wipe the outside of the product and clean the inside channels with an appropriate brush. **Do not insert fingers the inside channels.**

The surfaces of the radiator must not be cleaned with an abrasive product or those containing granular substances. We recommend regular cleaning with PH neutral products.

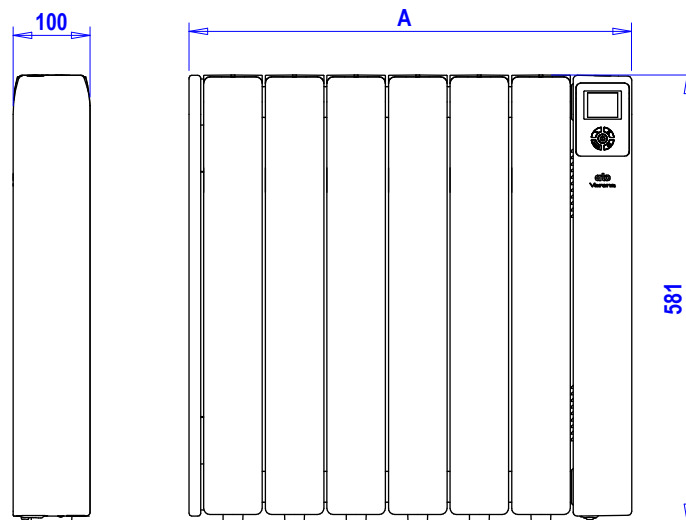
Failure to keep the Varena radiator clean may result in dust becoming burnt and depositing on the wall above the radiator in the form of dark streaks or patches. This type of marking is expressly due to failure to keep the radiator and surrounding area clean.

ATC take no responsibility for any such damage caused.

The radiator should not be covered at any time; however, if the radiator is covered by wet clothes, it is possible for dye to stain the surfaces of the radiator. Check the labelling on the clothing for advice should this situation occur.

8. CHARACTERISTICS TABLE

Model	No. of elements	Power (W)	A (mm)	Weight (kg)	Voltage	Mains connection	Class	IP Code	Type
VARENA 500	3	500	335	6.0	230 V 50 Hz	FIXED WIRING	I	IP2X	FLUID
VARENA 750	5	750	495	8.7					
VARENA 1000	6	1000	575	10.1					
VARENA 1200	7	1200	655	11.6					
VARENA 1500	9	1500	815	14.2					
VARENA 1800	13	1800	1135	19.8					



9. ECODESIGN TABLE

Contact details		ATC Electrical & Mechanical ATC House, Broomhill Drive, D24 EF99, Tallaght, IRELAND IE Tel.: +353 1 467 8301 - UK Tel.: +44 0203 564 9164 Email: sales@atc.ie, sales@atcelec.co.uk					
Models		VARENA 500	VARENA 750	VARENA 1000	VARENA 1200	VARENA 1500	VARENA 1800
Heat output							
Nominal heat output	P_{nom}	0.500 kW	0.750 kW	1.000 kW	1.200 kW	1.500 kW	1.800 kW
Maximum continuous heat output	$P_{max,c}$	0.500 kW	0.750 kW	1.000 kW	1.200 kW	1.500 kW	1.800 kW
Power consumption							
In standby mode	P_{sm}	0.83 W					
Standby mode with display of information or status							
Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	94.0 %					
Type of heat output / room temperature control	Electronic room temperature control plus week timer						
Other control options	Room temperature control, with open window detection						
	Adaptive start control						

10. WARRANTY

USER

Name

Address

SELLER

Name

Address

Date of sale

Stamp and signature of the distributor

WARRANTY CERTIFICATE

GUARANTEE: ATC with address: ATC House, Broomhill Drive, D24 EF99, Tallaght, IRELAND

PRODUCT: This warranty is applicable to the products contained in this manual

WARRANTY: 24 months from Date of Purchase (Proof of sale required)

ATC assures the electronics in the control panel have a warranty of 2 years from the date of purchase.

ATC assures the aluminium elements that make up the radiator body are guaranteed 10 years.

Unless proven otherwise, it shall be presumed that if not shown within six months of delivery that the product was fine when delivered.

There is a parts warranty of two years from the date of delivery of the appliance, apart from the aluminium frame which is guaranteed for ten years.

This warranty applies, only and exclusively, to equipment sold and installed in Ireland and the United Kingdom. Repairs will be carried out in the workshops of ATC or its nominated agent.

The material replaced in warranty becomes property of ATC.

Should any item be replaced under warranty, the only warranty on the replaced item is the remainder of the original warranty.

SCOPE OF WARRANTY

Unless there are event(s) or object(s) that prove to the opposite, it will be assumed that the products acquired are suitable and good for the purpose that it is purchased for and that always happens under the following conditions:

- The guaranteed unit shall correspond to the manufacturer intended exclusively for Ireland and the United Kingdom and should be installed in Ireland and the United Kingdom.
- The spare parts which are necessary to be replaced, will be determined by our qualified service and in all cases, shall be original products from the manufacturer.
- The warranty is valid provided that normal maintenance operations described above in the technical instructions provided with the equipment have been carried out.
- The consumer must inform ATC of the lack of conformity of the goods, in a period of less than two months since they learned of it.

The warranty does not cover incidents caused by:

- The power supply of insufficient capacity or equipment used with generators or any other system that is not a stable power supply.
- Products whose repairs have not been conducted by ATC qualified service personnel or their authorized agents.
- Corrosion, deformation, etc., caused by improper storage or installation.
- Handling of the product by other personnel not employed by ATC during the warranty period.
- Installation not in accordance with the instructions provided in the equipment.
- Installation of equipment by unqualified personnel.
- Defects in electrical, hydraulic facilities, or by lack of flow, etc.
- Defects caused by improper treatment.
- Anomalies caused by atmospheric agents (ice, lightning, flooding, etc.) as well as erratic current or voltages.
- Improper maintenance, neglect or misuse.
- **Damages caused to premises caused by lack of cleaning of the radiator (e.g. black streaks on walls).**

Transport damages must be claimed by the user directly from the carrier.

VERY IMPORTANT: Radiators must be correctly sized for each room they are to heat. There is sizing information available on the website www.atc.ie. Draughty and badly insulated rooms will cause the radiator to use more power to reach the set temperature. Undersized radiators may not reach the set temperature and are costly to run.

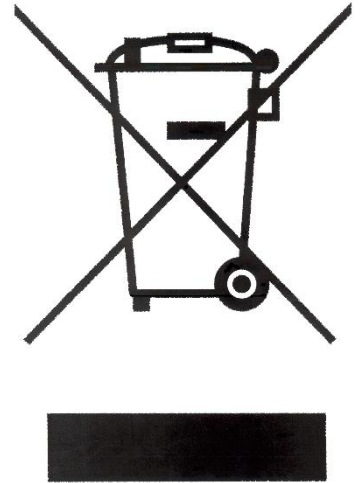
To claim on the warranty here recognized, it will be required that the appliance is used as intended for household and commercial use only. Also, it will be necessary to deliver the radiator to the technical personnel of ATC at their premises or the premises of their nominated agent. A clear and legible copy of the invoice or receipt for the radiator together with the delivery slip must be supplied.

This warranty is in addition to any statutory rights.

11. CORRECT DISPOSAL OF THIS PRODUCT

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates that it must not be disposed of with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product must not be mixed with other commercial wastes for disposal.



ATC Electrical and Mechanical
ATC House
Broomhill Drive
D24 EF99, Tallaght, IRELAND
www.atc.ie www.atcelec.co.uk

MADE IN SPAIN