

ARIANE 3 - CARINO 2

Fan heater 1000w with thermostat or
2000w when boost activated



Carino 2: with towel rail



Ariane 3: without towel rail

MANUAL for
installation and use

APPLIMO
Créateur de confort

Safety

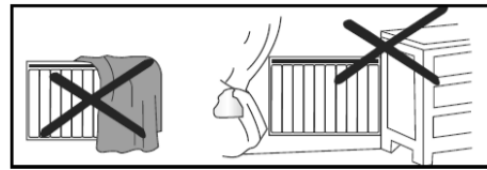
Read carefully the Installation and User Guide, especially the safety instructions below

WARNING - Certain parts of this product may become VERY HOT and may cause burns. Pay extra attention to small children and vulnerable people when they are around the heater.



- This heater may be used by children aged 8 and over and by persons with reduced physical, sensory or mental capacity or without any experience or knowledge providing they are correctly supervised or they have been given instructions on how to use the heater safely and they clearly understand the potential hazards. Children must not play with the heater. Unless supervised, children must not perform user cleaning and maintenance.
- Ensure children aged under 3 are kept at a safe distance unless they are under constant supervision.
- Children aged between 3 and 8 may only turn the heater on or off providing it has been placed or installed in the normal position for its operation and providing they are under supervision or they have been given instructions on how to use the heater safely and clearly understand the potential hazards.
- Children aged between 3 and 8 must not plug in, change the heater settings, clean or perform any user maintenance on the heater.

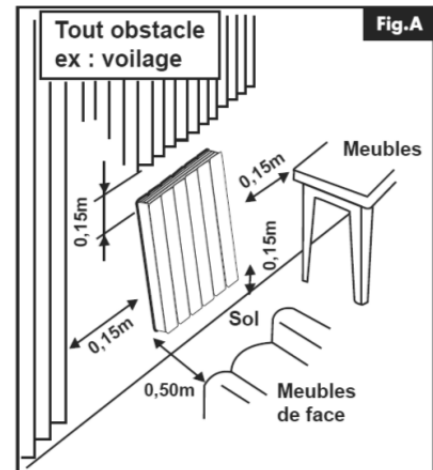
- WARNING: heavy risk of overheating if heater is covered.
- The following logo reminds about this risk



- It is therefore strictly forbidden to cover or block the air intakes or outlets at the risk of causing an accident or damaging the heater.
- Do not insert anything into the heater.

All service operations must be performed by a qualified and authorized person after the power has been switched off.

- The heater must not be installed **underneath a power socket**.
- Comply with the minimum distances from floors, walls, furniture, ... (Fig. A).
- The power supply must be protected by a residual current device of at least 30 mA, especially when installed in a room with a bath or shower. Electric supply to the heater must be fitted with an omni-polar cut-off device with an opening distance of 3 mm minimum
- When installing the heater in a bathroom, comply with local regulations (Fig.B).
- If the power supply cable is damaged, it must be replaced by a qualified person in order to prevent any potential hazards.
- Avoid installing the heater in a draught which may otherwise affect its thermostat control.
- This direct electric heater is designed for ambient heating of residential type rooms, or similar, in new or existing, single and multi-unit dwellings.
- Heater must be wall mounted with the supplied wall bracket



(*) The instructions were correct at the time of the manufacturing and comply with the standards applicable as at that date.

The company reserves the right to modify the Installation and User Guide at any time in order to take into account any new standards or changes to existing standards.

	Reference	Power (W)	I (A)	H (mm)	L (mm)	depth with wall bracket (mm)	weight (kg)
Models	1528 7FD	1000/2000	8,7	410	310	140	4,6
	1529 7FD	1000/2000	8,7	460	410	145	5,2

References	Technical data (according to the ERP Directive)					
	Power			auxilliary electricity consumption		
	Nominal power	Minimum power	Continuous maximum power	at the nominal thermal power	at the minimum thermal power	when on stand by
	P _{nom}	P _{min}	P _{max,c}	el _{max}	el _{min}	el _{SB}
1528 7FD	2	n.d.	2	0.000	0.000	0.001
1529 7FD	2	n.d.	2	0.000	0.000	0.001
Unité	kW	kW	kW	kW	kW	kW

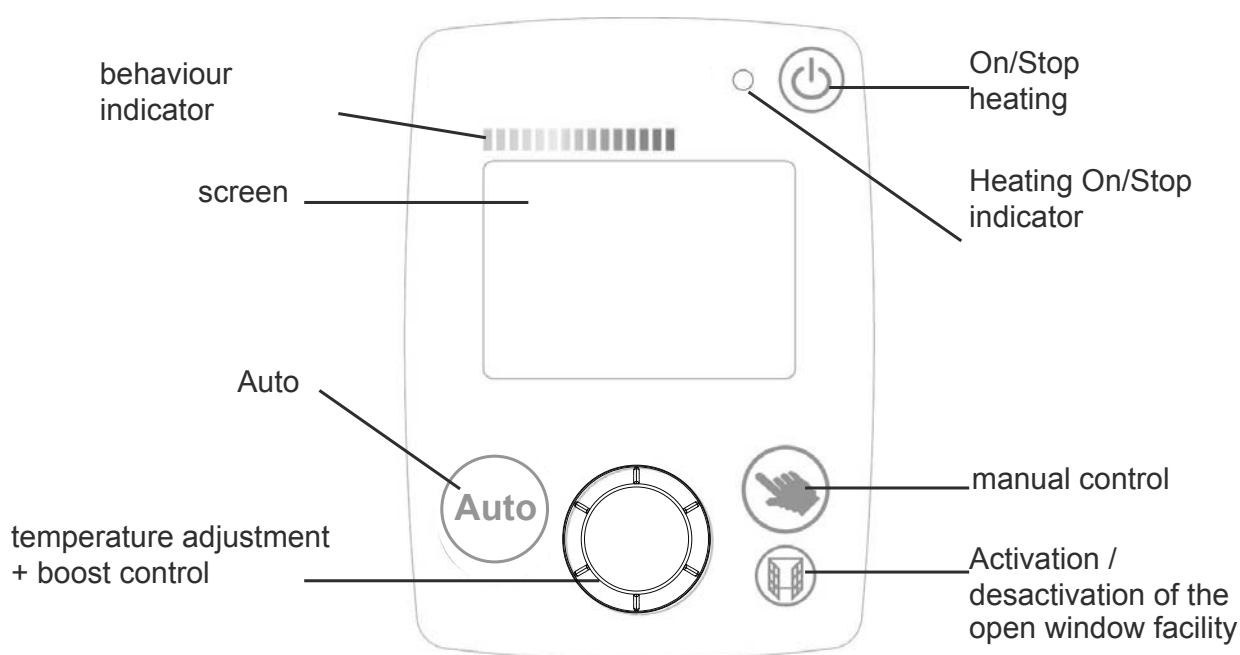
Technical data	
Type of room temperature control	
Electronic control with week programming facility	yes
Optional control system	
Open window room temperature control system	yes

1 - TECHNICAL DATA

Electric heating appliance for home and commercial housing.

Type : Classe II

 , IP24 , 230V~50Hz.

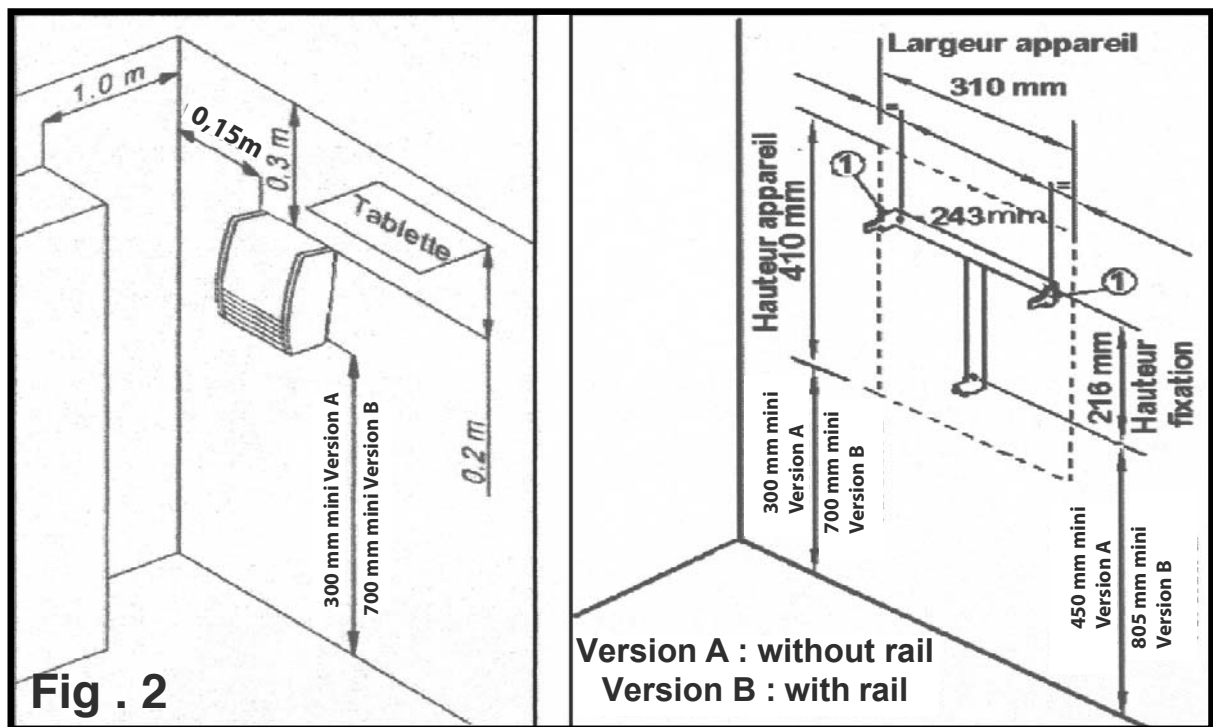


Power cord includes a pilot wire (black colour) that can be used only for connection to a remote programming device.

Programmable positions: Comfort (temperature as adjusted on the appliance), Eco (automatic decrease: 3.5°C less than the comfort temperature), Frost protection (+ 8°C), and Stop.

2 - INSTALLATION

- Remove the bracket from the heater by pressing, with a screwdriver on the 2 clips as shown on rep. 1.
- Attach the bracket to the wall using screws with a maximum diameter of 5.5 mm, ensuring that the bracket is in the correct position and height as shown on rep. 2.
- do conform with the minimum height from the floor. See rep. 2
 - allow a 15 cm on each side of the appliance.
- in case there is a wall covering including a layer of foam, add a shim having the same thickness as the foam in order to avoid reducing the air inlet volume.



Carino 2 : there is a lever on the front panel:

- up: for heating
- down: for heating + drying

3 -ELECTRICAL CONNECTION

electrical connection must be performed by qualified electrician and according to the local standards and building regulations.

- type: 230V~ 50Hz.

- electrical connection does not require to open the appliance

- connect the power supply cord to a wall connection box

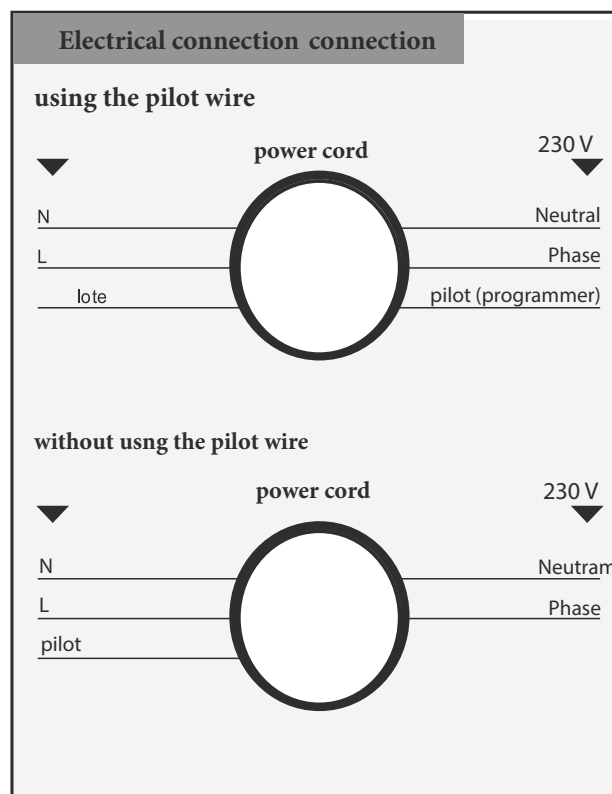
- RESPECT IMPERATIVELY THE FOLLWOING:
brown wire = phase, blue = neutral wire, black wire = pilot wire.

- This appliance is class II. Therefore, an earth connection is not required.

- the pilot wire (black colour) is exclusively dedicated to a connection with a remote programming device.

In any case, it is strictly prohibited to connect the black wire to the earth circuit.

It would result in the destruction of the electronic plate.



Signals that should be sent by the remote programming device (measured against the neutral

Before any intervention, stop the electricity supply

Check carefully that all wires are correctly tightened in the wall connection box.

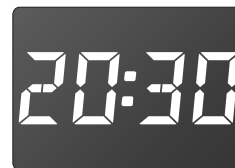
in case the power cord is damaged, it should be replaced by a qualified electrician.

Mode	Signal	Measure against the neutral
Comfort	—	0 Volt
Eco	⌚	230 Volts
frost P.	—	115 Volts negative
stop chauffage	—	115 Volts positive



4 - HOW TO USE THE APPLIANCE


4.1. STARTING

WARNING: at the first use or after a long electricity cut, 00 is displayed. Time should be set. See chapter 4.8.1.A
Time is displayed after a period of 5 seconds, after any intervention on the controls.



Pressing  enables to start heating or to put on stand-by

buzzer is activated: screen and the green  led are activated.
When on stand-by, the orange  led is activated

Le témoin de chauffe  indique la mise en chauffe de l'appareil, il s'allume et s'éteint selon les besoins de chauffe.

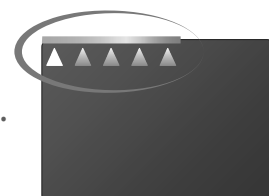
4.2. SETTING OF THE COMFORT TEMPERATURE

the button  enables to increase or to reduce the temperature.


it can be recorded by pressing on .

When adjusting the temperature, close the room during several hours in order to stabilize the room temperature

The behaviour indicator shows the impact on the energy consumption.




4.3. AUTOMATIC OPERATION « Auto »

by pressing the button  the appliance operates automatically according to the settings and to the heating programme

it is possible to record the settings and the programmes by pressing during 3 seconds on the

 button . By default, the recorded temperature is 19°C.

4.4. OPEN WINDOW FACILITY :

by pressing the button  the Open Window facilityd or deactivated can be activatet

When activated, the heater is stopped when there is a sudden and heavy decrease in the room temperature.

4.5. MANUAL OPERATION "MANUAL" BUTTON

Pressing the button  enables to get out of the automatic operation

The automatic functions are deactivated (programming and signals sent through the pilot wire when any). 3 choices of adjustment:

Comfort: adjust the required room temperature


Eco: when room is unoccupied for several hours


Frost protection: when room is unoccupied for several days

4.6. BOOSTED OPERATION


Power is 2000W.

4.6.1. QUICK LAUNCHING

a brief pressing on the button  enables to start the boosted operation

Turning the button  enables to adjust the boosted period according to the pre-recorded durations: 15 minutes, 30 minutes, 1 hour, 2 hours

4.6.2. ADJUSTMENT OF A SPECIFIC DURATION

After having launched the boosted mode, pressing the button  during 3 seconds enables to set a specific operating time by step of 1 minute.

A long pressing on the button  enables to record this setting

4.6.3. STOP OF THE BOOSTED OPERATION

A brief pressing on the button  stops the boosted operation.



Boosted operation is also stopped by the Stop or Frost protection signals sent through the pilot wire when any.

When on stand-by, the boosted operation is also stopped¹

4.6.4. MAINTENANCE

in order to maintain a perfect operation of the boost facility, we recommend to clean the air inlet and outlet when the message NETT appears on the screen



4.7. OTHER PARAMETERS

4.7.1. ECO MODE


Press the button  till ECO appears



Turn briefly the button to see the Eco temperature



For modifying the **Eco** temperature

Press the button  till the **Eco** temperature glitters.

Turn the button  for adjusting the required temperature.

Press the button  for recording.

The ECO position is recommended when room is unoccupied during several hours.
The ECO temperature cannot be above 19°C.



4.7.2. FROST PROTECTION MODE - «HG»

Press on the button  till HG appears





The Frost protection position is recommended when room is unoccupied for several days

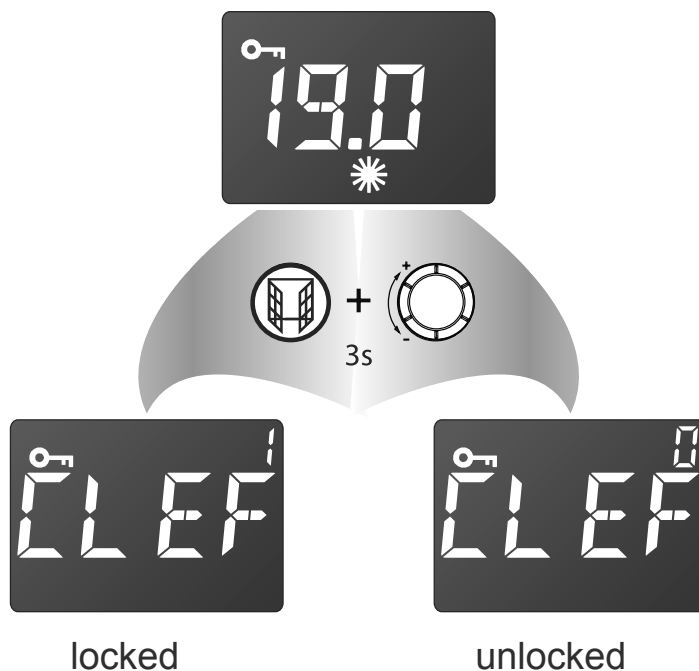


4.7.3. SIMPLE LOCKING



Press simultaneously on  and  during 3 seconds for locking or unlocking the controls.

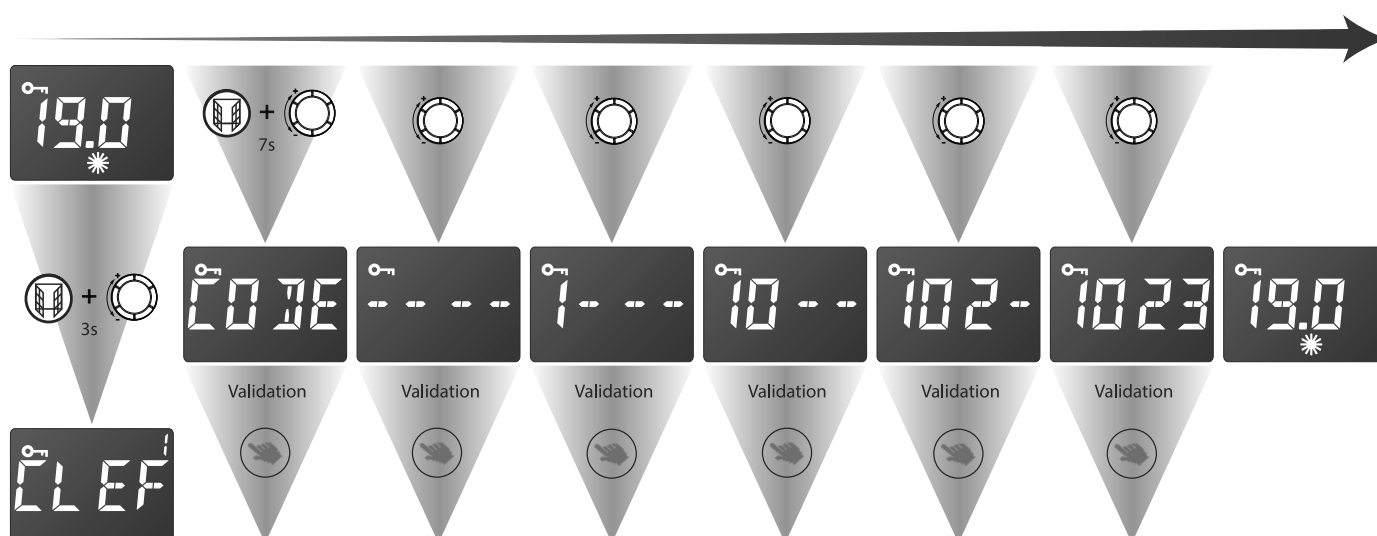
On/Stop and boost functions are available when on simple locking.



4.7.4. LOCKING WITH CODE

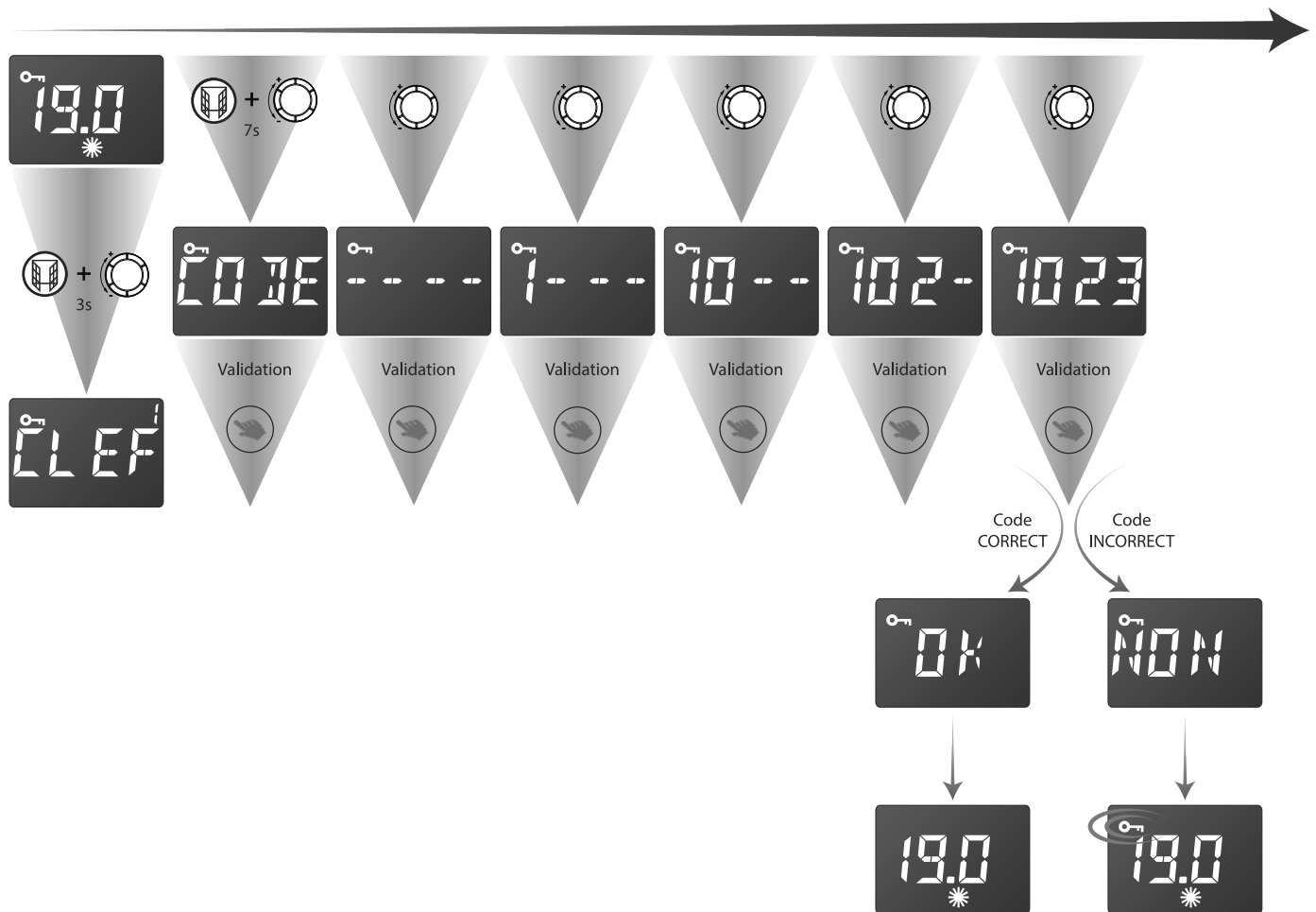


For locking:



Take care to record the code

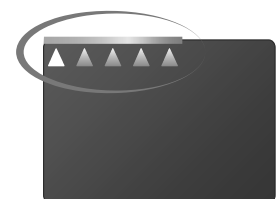
For unlocking:



4.7.5. Behaviour indicator

It enables to ensure an economical use of the energy.

Towards the green: economical use
Towards the red: less economical use



An average 19°C room temperature is recommended for an economical use of the energy.



4.7.6. PARAMETERS OF THE ADDITIONAL FUNCTIONS


This menu enables to lock and unlock some functions and to adjust some parameters .

















Press on  to have the heater on the stand-by position

Press simultaneously on the buttons  and  during 3 seconds.


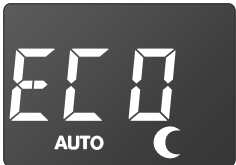


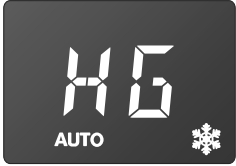

when the screen shows , press on the window  during 3 seconds
The 1st parameter screen appears.

To go from one parameter to another one, press the rotating button  .

Parameter screen	Meaning		Result
	Retrolighting of the screen: continuous or during 10 seconds after the last action		continuous
			10 seconds
	Buzzer: Noise at each action  buzzer remains active for the heating On/Off button		Deactivation
			Activation
	Celsius or Fahrenheit		Celcius
			Fahrenheit
	Reduced temperature adjustment range: Comfort temperature cannot modified more than + or - 2°C		deactivated
			activated

Return to user mode



4.7.7. AVAILABLE POSITIONS WHEN USING A REMOTE PROGRAMMER HROUGH THE PILOT WIRE

position	Meaning	Screen
COMFORT	required room temperature	
ECO	automatic 3.5°C. decrease	
		
		
FROST PROTECTION	room temperature is maintained at 8°C about	
HEATING STOP	No heating	



AUTO

Time setting

Press simultaneously on  and  during 3 seconds
Select ON with + and –
Validate by pressing the Manual button
Pr appears. Select Hr with + and –
Set the time and validate by pressing the Manual button

Day setting

Immediately after having validated with the Manual button, JO:LU appears
LU : Monday, when necessary, select the correct day with + and – and validate by pressing the Manual button
(MA = Tuesday, ME = Wednesday, JE = Thursday, VE = Friday, SA = Saturday and DI = Sunday)
To leave, Press Mode till EXIT appears. Then press the Manual button

Week programming facility

It is possible to set a week program with periods at the Comfort and ECO temperatures.
2 options

1/ using the pre-set programs

There are 3 pre-set programs:

P1 can be used from Monday to Friday
Comfort from 5 to 9 AM and 5 to 11 PM
ECO during the rest of the day





P2 can be used from Monday to Friday
Comfort during 3 periods of the day



P3 can be used for the week-end
Comfort from 5 AM to 11 PM



It is possible to assign any of the above program to each day of the week

Press simultaneously on  and  during 3 seconds
Select ON with + and –
Validate by pressing the Manual button
Pr appears. Validate by pressing the Manual button
LU (Monday) appears. Select the required program with + and – and press the Manual button for validating. Repeat for each day of the week.
Then, select EXIT and press the Manual button for validating

2/ Setting customized programs

Press simultaneously on  and  during 3 seconds

Select ON with + and –

Validate by pressing the Manual button

Pr appears. Validate by pressing the Manual button

Select P4 that is the 1st day program to be set

Validate by pressing the Manual button

Just determine periods with the Comfort temperature. Rest will be at the ECO temperature

For instance, in order to have only 1 period at the Comfort temperature:

LU (Monday) appears. Then DE (from) appears. Select the departure time of the Comfort period with + and – and validate.

A (to) appears. Select the time of the end of the Comfort period with + and – and validate

Several Comfort periods can be set

The program P4 can be assign for every day of the week.

To set another type of day program, use P5. Should you need a 3rd type of day program, use P6

Then, select EXIT and press the Manual button for validating

Maintenance

The heater requires very little maintenance. To remove surface dust use a soft cloth; to remove marks use a damp cloth. Never use abrasive products which could damage the polyester coating. It is recommended to periodically clean the air vents using the soft brush on your vacuum cleaner, as dense accumulation of dust will cause the heater to over-heat and trigger the safety thermal cut-out switch.

Any intervention on the heater must be performed by a qualified person and when heater is disconnected from the electricity supply.