

ZEPHYR

INSTRUCTION FOR INSTALLATION AND USE - GARANTY

You have just acquired this heating column ZEPHYR
And we thank you for your choice.
This device has been studied, designed and realized with care,
In order to give you full satisfaction.

1770002 - Notice - ZEPHYR_Rev 01

This product cannot be used as main heater

JaniJURA

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Markings & Indications

ZEPHYR MIRROR 175 X 40 Reference : 10 2020 / 10 2021 / 10 2022			
THERMAL POWER			
Nominal thermal power	P nom	500	W
Minimal thermal power (indicative)	P min	450	W
Maximal thermal power (constant)	P max	525	W
AUXILIARY ELECTRICAL CONSUMPTION			
At nominal thermal power	C el	500	W/h
At minimal thermal power	C el min	450	W/h
In Sleep Mode	C el veil	0.5	W/h

ZEPHYR COATED GLASS 175 X 40 référence : 10 2030 / 10 2031 / 10 2032			
THERMAL POWER			
Nominal thermal power	P nom	500	W
Minimal thermal power (indicative)	P min	450	W
Maximal thermal power (constant)	P max	525	W
AUXILIARY ELECTRICAL CONSUMPTION			
At nominal thermal power	C el	500	W/h
At minimal thermal power	C el min	450	W/h
In Sleep Mode	C el veil	0.5	W/h

ZEPHYR DECORATED GLASS 175 X 40 reference : 10 2041 / 10 2043 / 10 2045 / 10 2040 / 10 2042 / 10 2044			
THERMAL POWER			
Nominal thermal power	P nom	500	W
Minimal thermal power (indicative)	P min	450	W
Maximal thermal power (constant)	P max	525	W
AUXILIARY ELECTRICAL CONSUMPTION			
At nominal thermal power	C el	500	W/h
At minimal thermal power	C el min	450	W/h
In Sleep Mode	C el veil	0.5	W/h

ASSOCIATED EQUIPMENTS	
Charge electronic thermal control with information receipt of room temperature and /or exterior temperature	
Kind of thermal power control of room temperature (select one kind)	
Electronical control of the room temperature and weekly timer	Yes
Other control options (select one or more options)	
Control through contrôle via fil pilote (FP)	Yes
Room temperature control with open window detection	Yes
Activation adaptative control	Yes

General Instructions

Before installing and using your heating column ZEPHYR, please read these instructions carefully and observe the following instructions :

SAFETY INSTRUCTIONS

The electrical connection must be carried out by a qualified electrician.

The installation must be protected by a 25 or 30 mA differential circuit-breaker (NFC15-100 electrical safety standard). The power supply outage must be of omnipolar type (phase and neutral cut-off).

The heating column ZEPHYR must be connected to the mains (230V AC 50/60Hz) by an electrical circuit protected by an overcurrent circuit breaker 16A placed in an electrical distribution board.

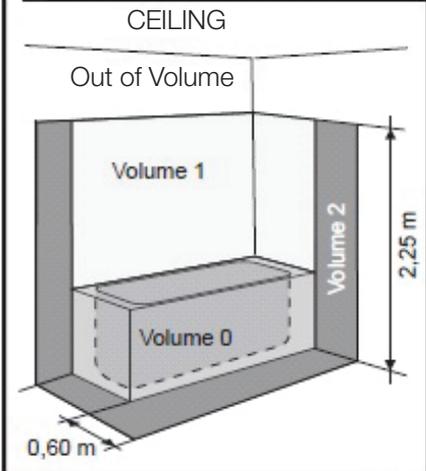
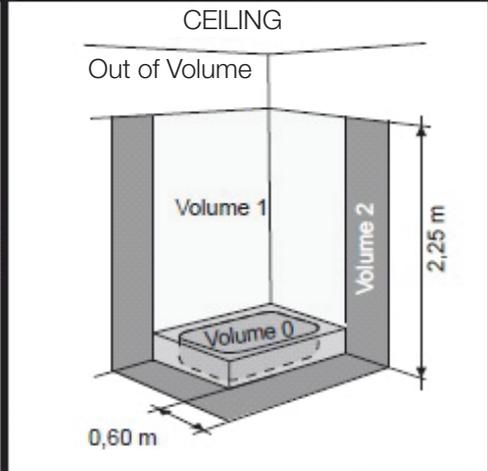
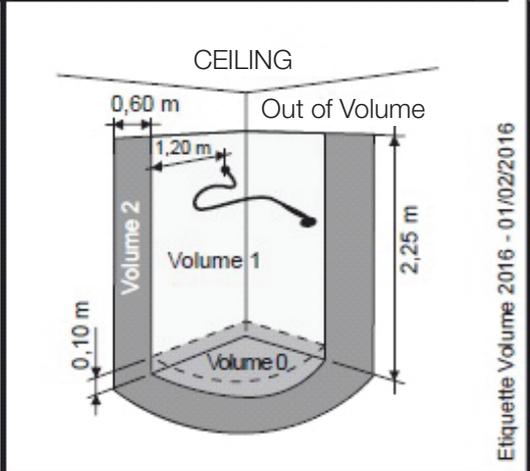
A means of disconnection shall be provided in the fixed pipes in accordance with the installation rules.

If the power cable is damaged, it must be replaced by a qualified electrician (cable type H05VV - F 2 * 1 mm²).

The system complies with current standards (see technical data).

The heating column ZEPHYR is only suitable for indoor use. It is suitable for all the rooms of the housing, including bathrooms thanks to a suitable protection (Double insulation - Class II).

For a bathroom installation, observe the zone of use in compliance with the protection index IP44: zones 2 and more

Bath Volume	Shower with receiver Volume	Shower without receiver Volume
		
	Volume 1	Volume 2
IP PROTECTION	IP X4 minimum	IP X4 minimum
ACCESSORIES	No Plug	Plug supplied by safety transformer Plug protected by 30mA RCD
MATERIAL	Low voltage (12 to 30V)	Class II and RCD 30mA or Low voltage Plug protected by 30mA RCD

Etiquette Volume 2016 - 01/02/2016

The heater should not be placed directly below a power outlet.

Thoroughly test the radiator before installation and ensure that no hot spots develop.

Only use the heating column ZEPHYR for the recommended applications and with the ZEPHYR accessories offered (bars, regulation) for an effective guarantee.

Do not attempt to disassemble the unit (loss of warranty).

This device is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or persons without experience or knowledge, unless they have been By a person responsible for their safety, supervision or prior instructions relating to the use of the appliance and that the risks incurred have been apprehended.

ZEPHYR is a certified device for its performance and safety.

Caution : As with any heating appliance, some parts may become very hot and cause burns in case of prolonged contact. Particular attention must be paid to the presence of children and vulnerable persons.

Precautions for use:

ZEPHYR is a glass design device, so it is sensitive to shocks, handle it with care. The heating column ZEPHYR must not be used if the glass panels are damaged or the radiator has impact marks.

ZEPHYR is a radiant radiator: do not install any obstacle within 50 cm of its emitting surface.

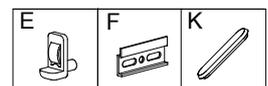
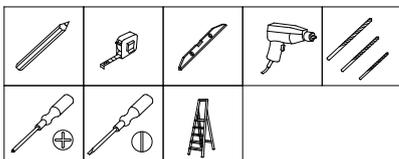
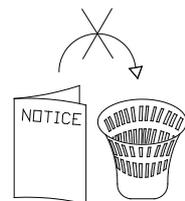
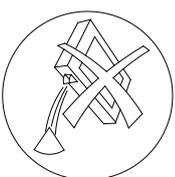
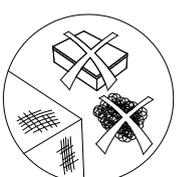
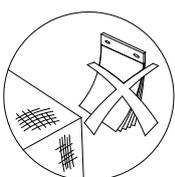
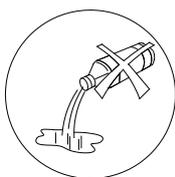
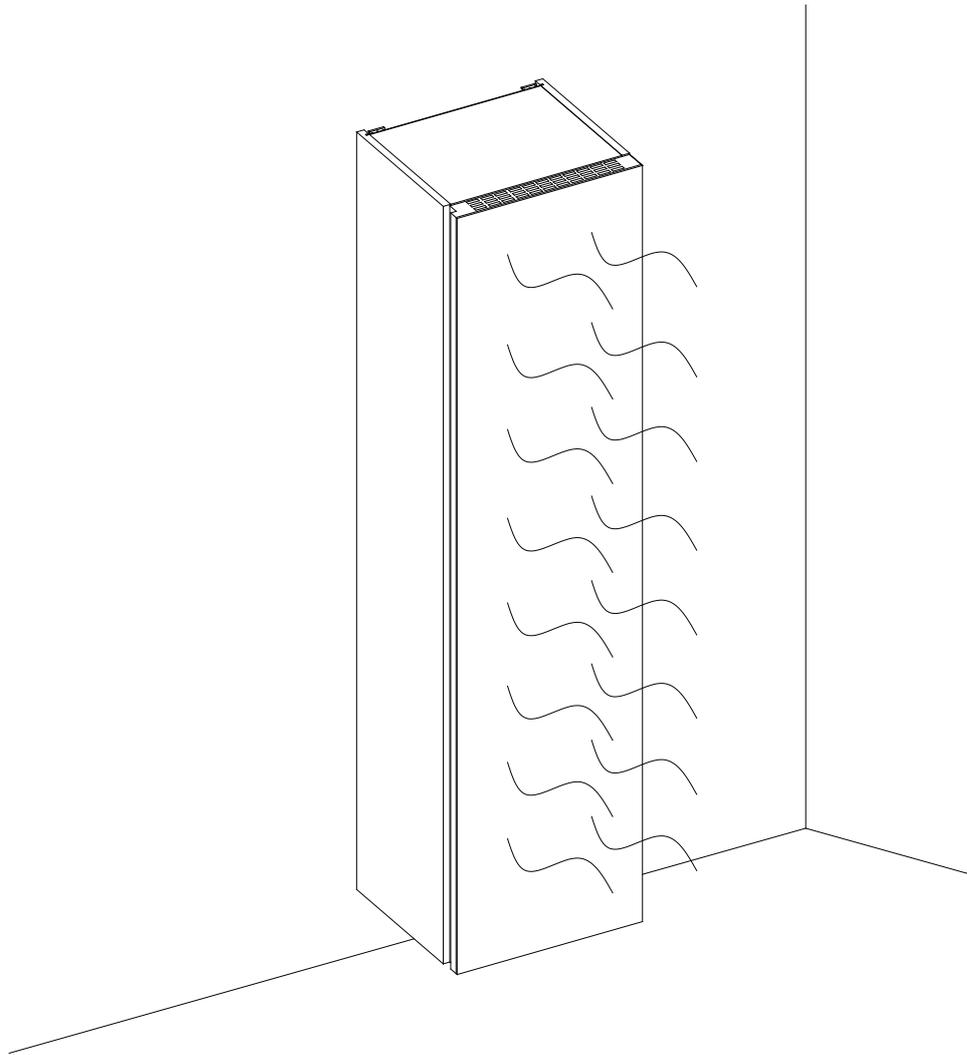
The emitting surface must face the workpiece and the objects to be heated.

Do not cover the heating facade to ensure radiation efficiency and avoid accidental overheating.

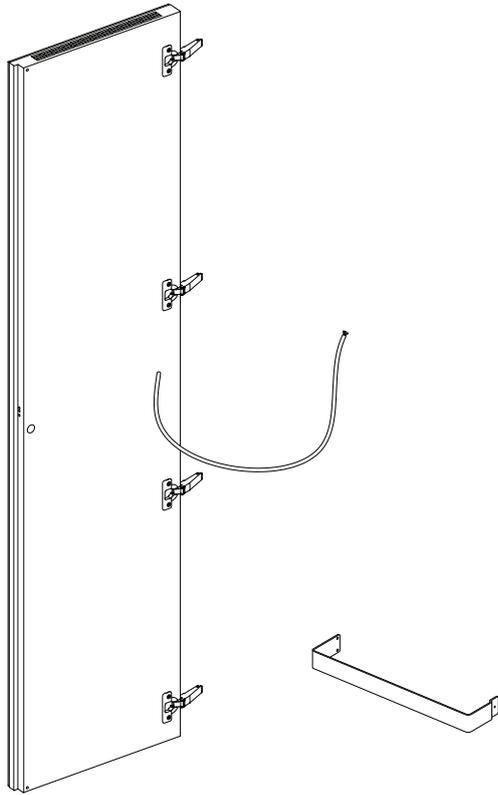
Cut off the heating column ZEPHYR with the switch and wait for it to cool down to clean it with a soft, damp cloth. Do not let a child unattended take care of it.

Installation of heating column ZEPHYR

These instructions aim at easing the furniture assembly, they are not legally-binding. The screws and dowels choices as well as the wall drilling method for mural fixations depend on your wall quality and composition, and thus depend on your installer's entire responsibility.

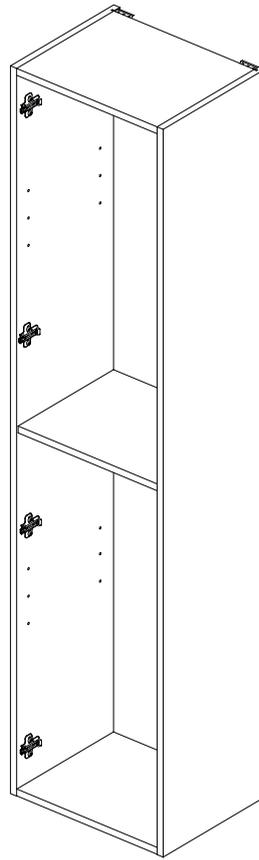


Equipment description and references:

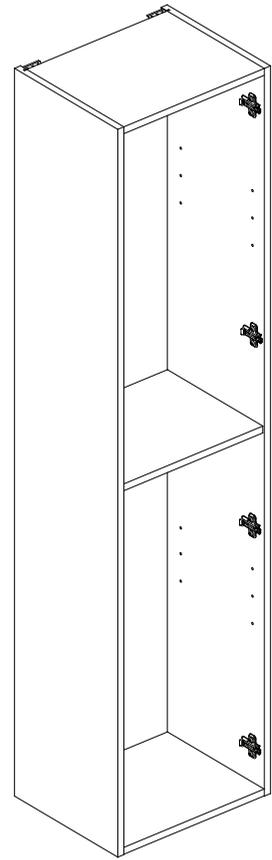


facades item code :
 102020, 102021, 102022
 102030, 102031, 102032
 102040, 102041, 102042
 102043, 102044, 102045

towel rail
 item code :
 924102

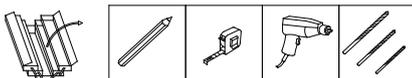
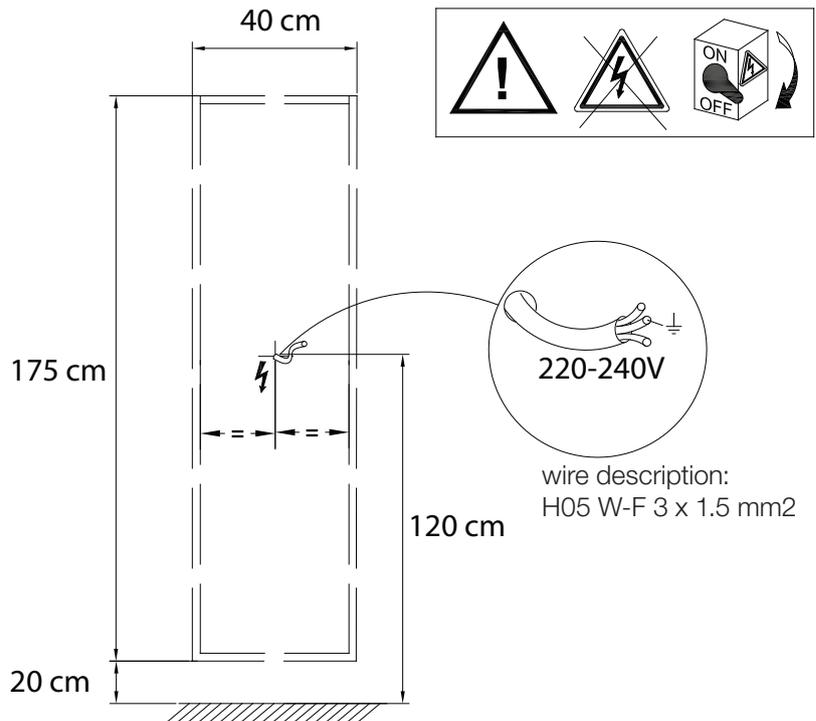
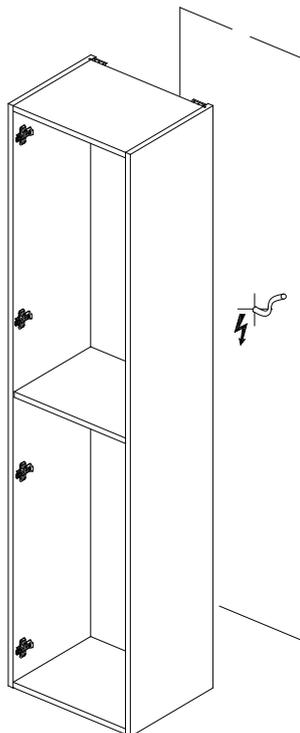


left column item
 code:
 102009, 102011

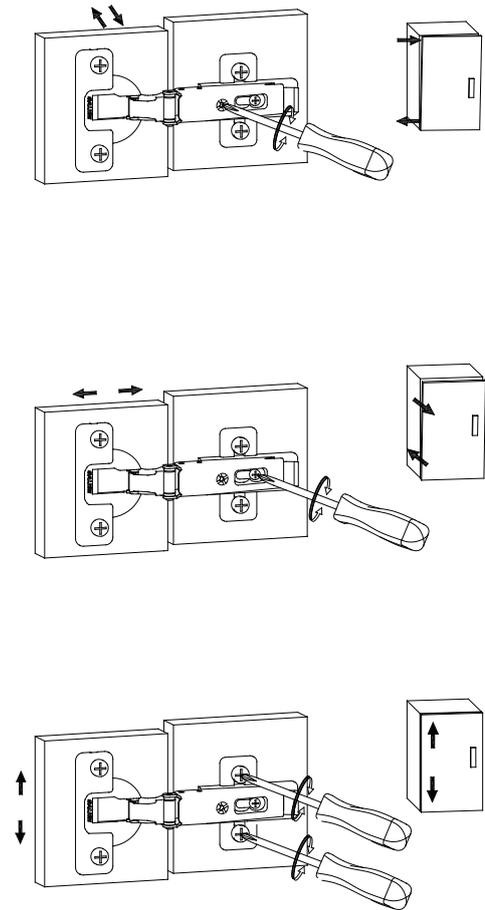
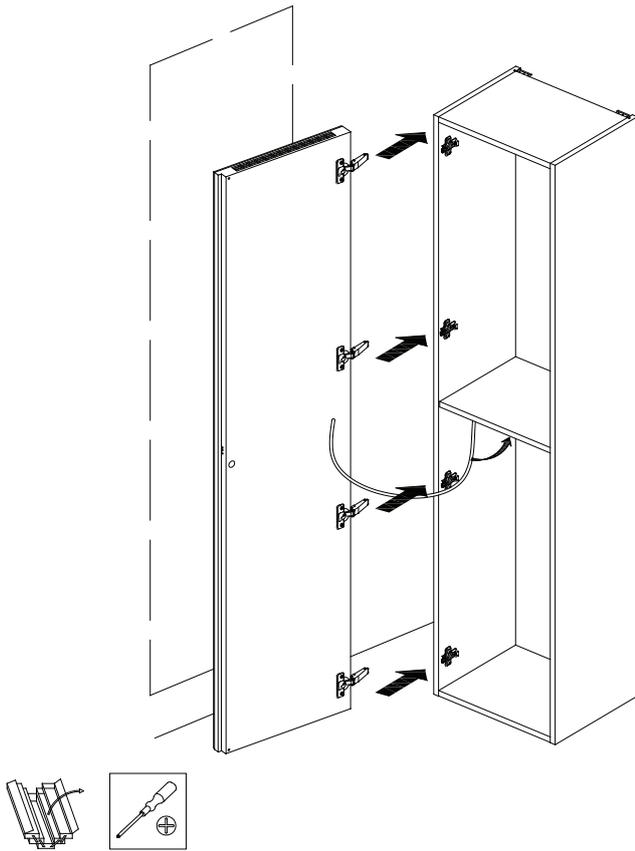


right column item
 code:
 102010, 102012

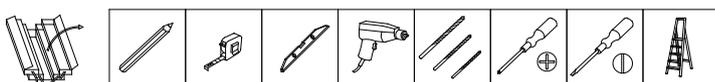
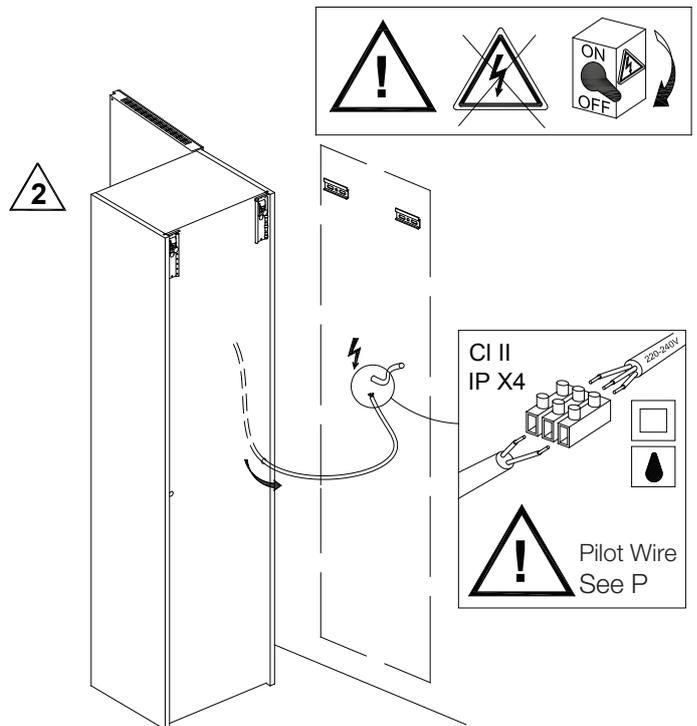
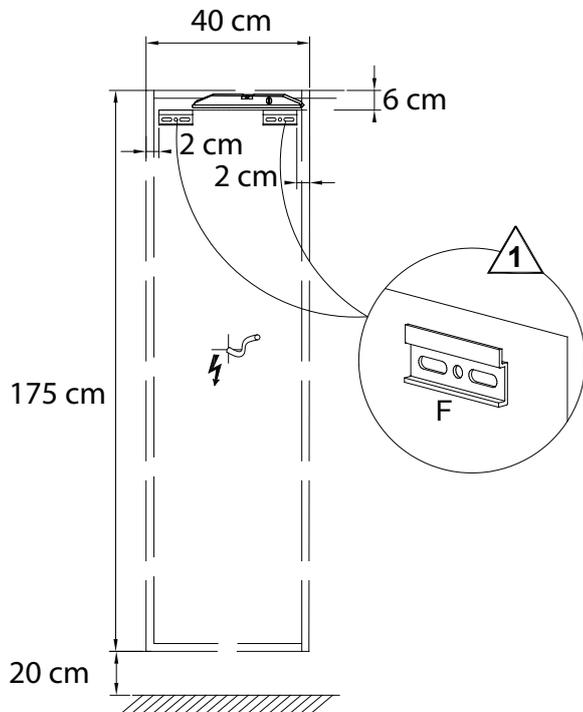
Wall Electrical output position :



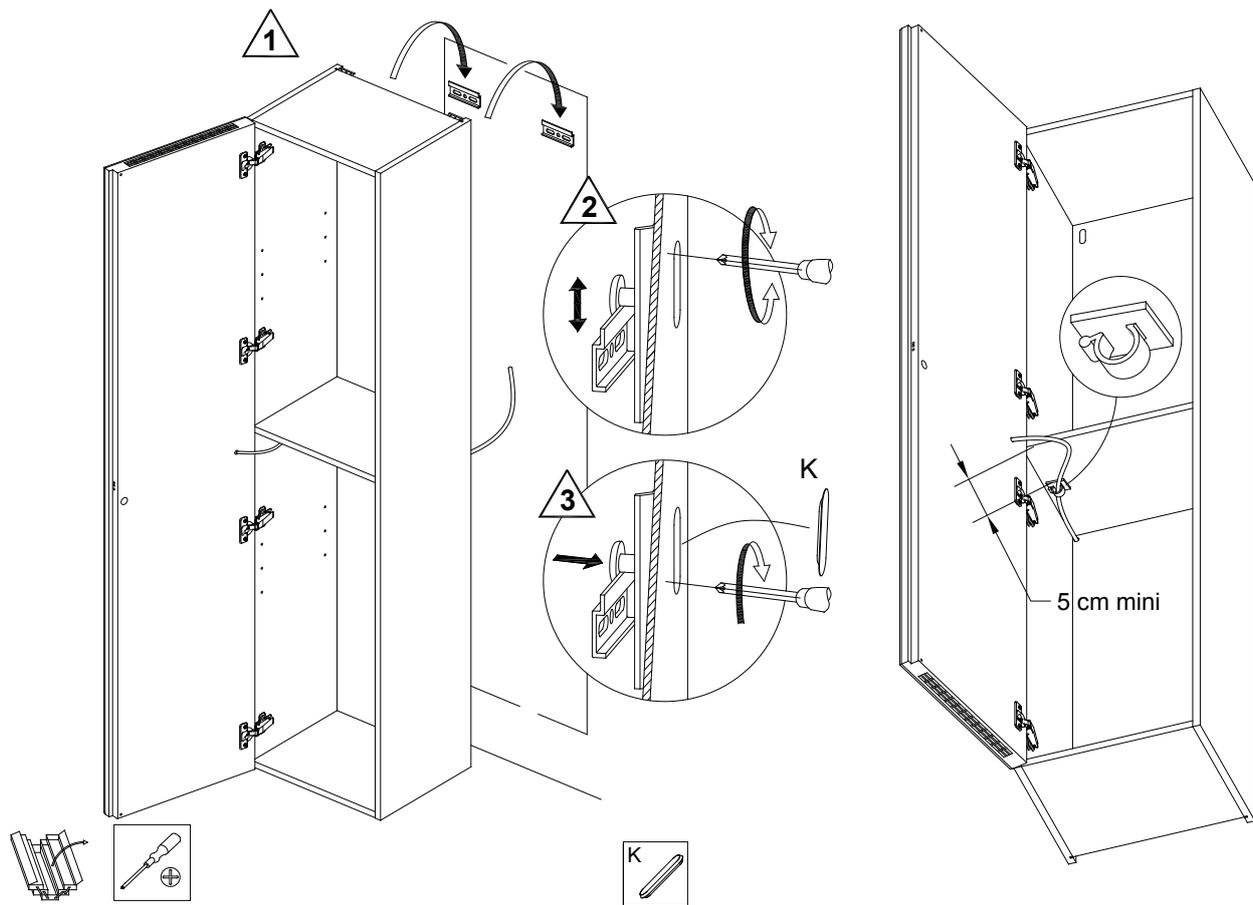
Heating facade assembly and adjustments :



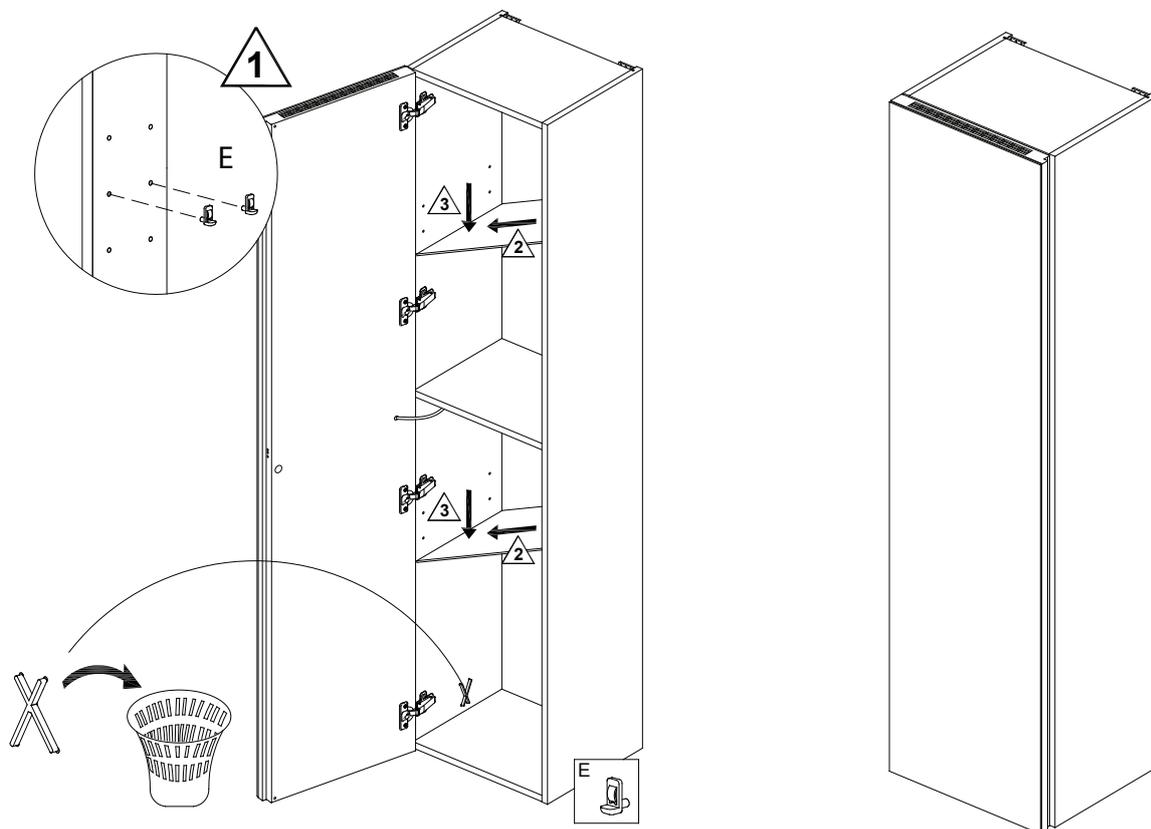
Preparation work before hanging on the wall:



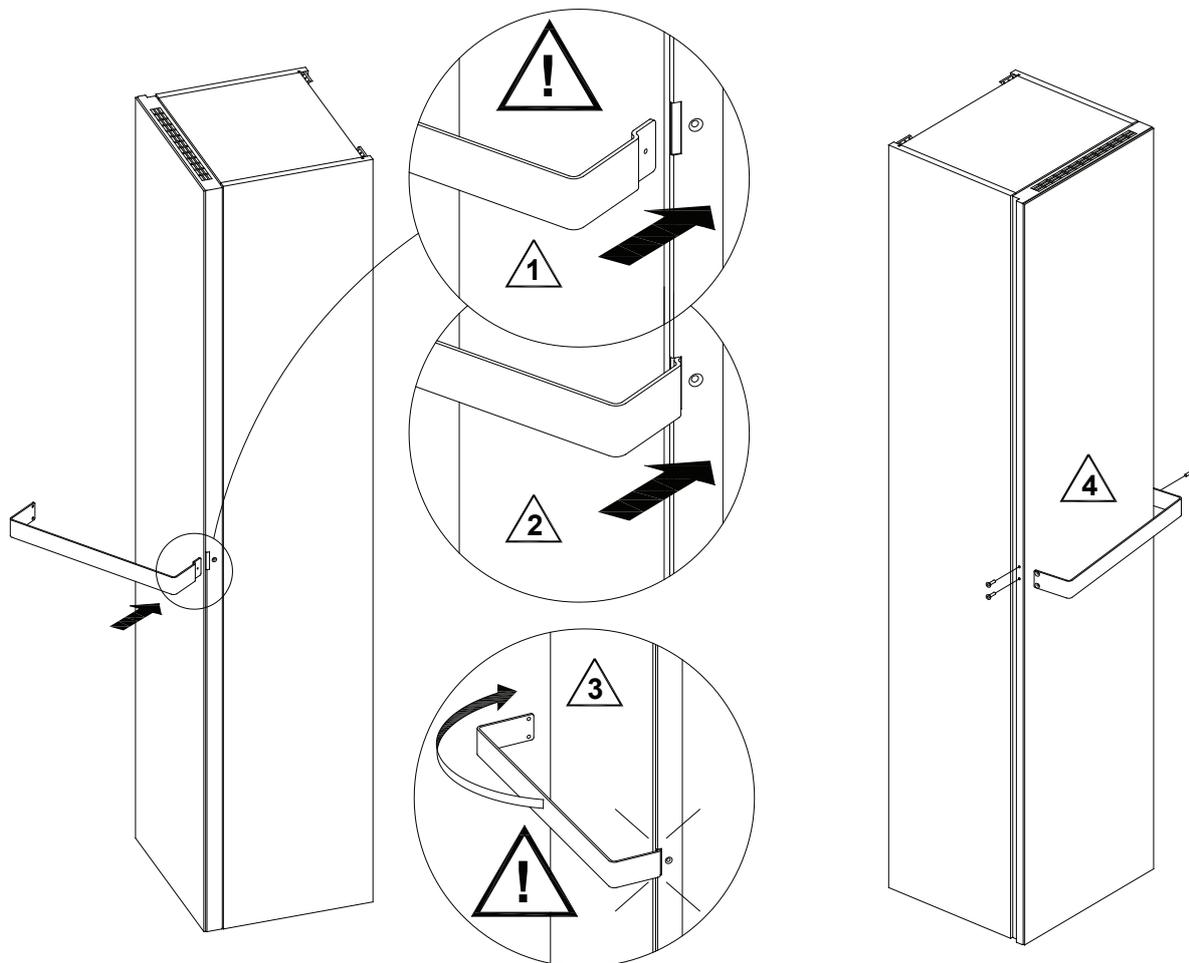
Column hanging & wire passing :



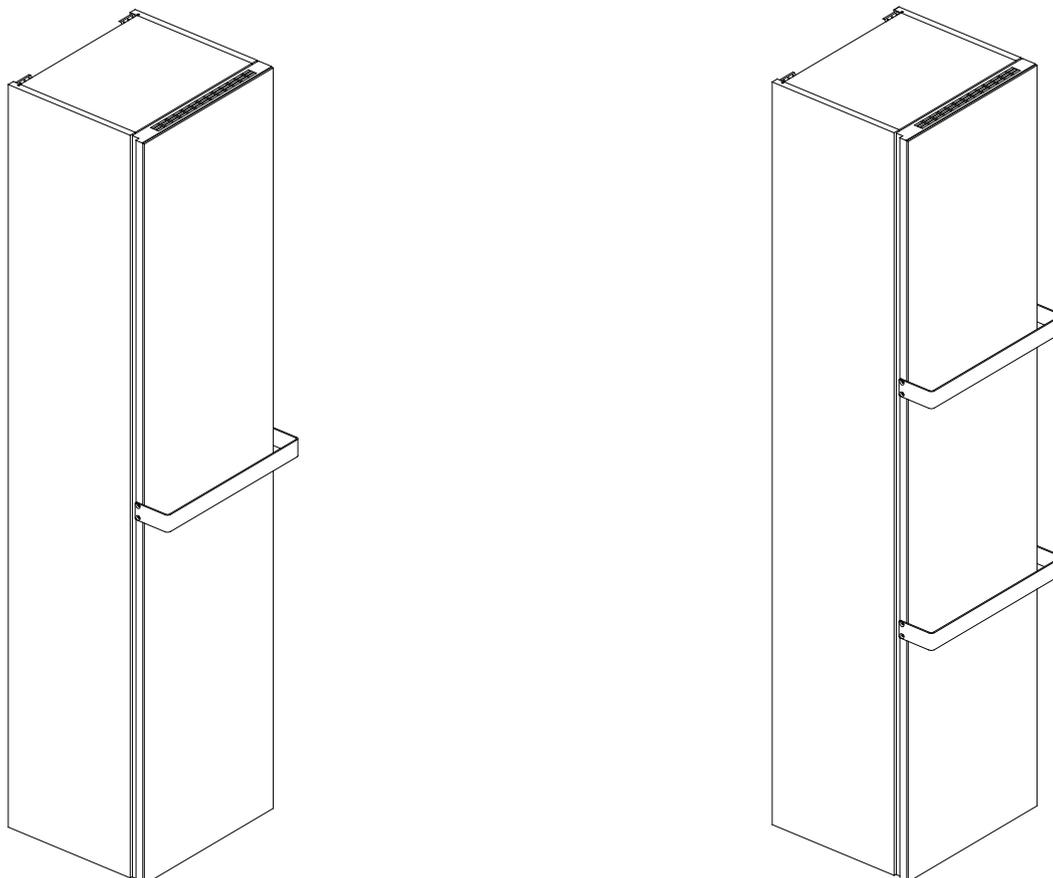
Shelves assembly :



Towel rail assembly :



1 or 2 towel rails :



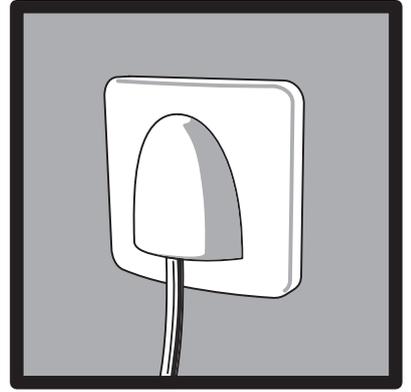
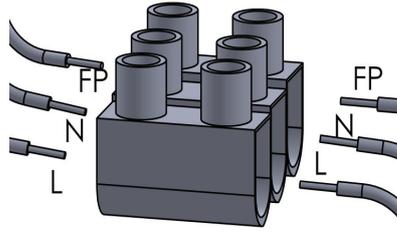
• Electrical connexion

Connect electrically.

L = Phase (brown)

N = Neutral (blue)

The electrical connexion must be made with a IPX4 box , class II, in compliance with regulation.

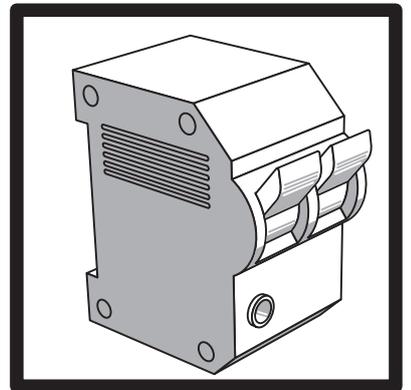


PILOT WIRE = FP (noir)

Do not plug in if you are not connected to an automated system that manages the Pilot wire.

Please go page 24 for more detailed information.

Protect the supply line with a circuit breaker differential of 25 or 30 mA.



Clean with a soft, damp cloth before heating.



Switch on using the switch located on the side of the radiator.



Operation of the programmable wireless thermostat

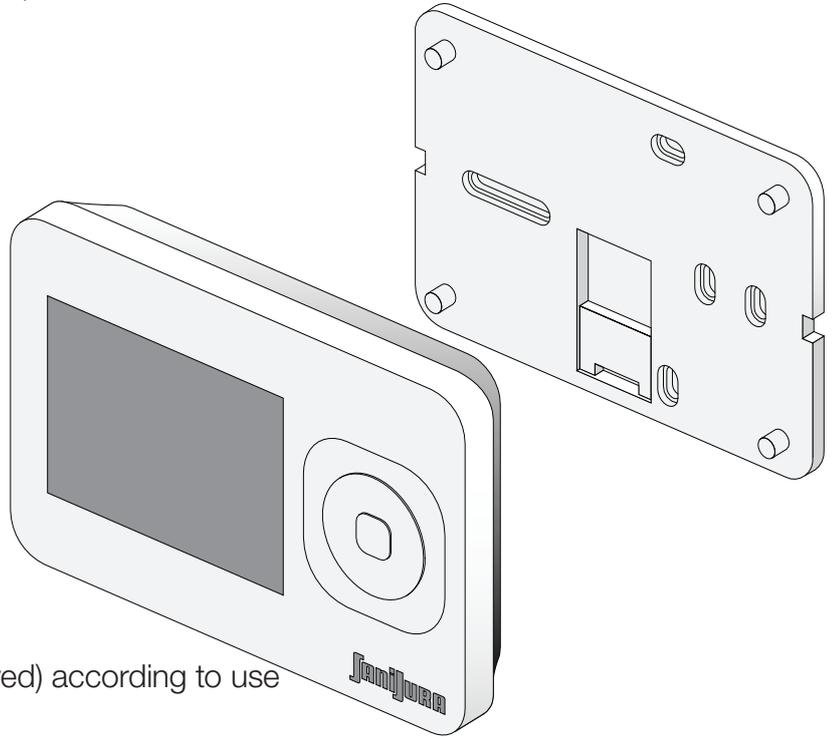
The heating column is managed by an autonomous radio frequency regulation system. It is composed of 2 elements ; the thermostat and the receiver located inside the facade.

The carton includes :

- The wireless thermostat
- 2 batteries AAA
- 2 feet for free installation of the thermostat
- 1 Connector board et 4 screws for wall mounting
- Quality certificate

Characteristics:

- Dimensions (L/l/p in mm) : 135 / 87.5 / 23.2
- Adjustment accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature min/max : $5\sim 35^{\circ}\text{C}$
- Programmation 24/24 – 7J/7
- Wall hanging or free-standing (hiding to be removed) according to use
- Norms : CE, ROHs, R&TTE



Advise : keep it away from sources of heat and cold walls, solar rays and drafts, ideally at 1.5m from the floor to ensure optimal operation.

Day of the week

Hour

Room temperature

PRG mode hour display

Heat icon

Selected mode :

- Comfort
- Economy
- Holiday

+ and - to adjust the selected values

SET : basic parameters (hour, day of the week, setpoint values)

Mode selection touch: Comfort, Economy, Holiday or Program

PRG : to set User program (heat time slot)

Insert the batteries into the thermostat rear compartment

Basic parameters

Hours setting

Press 'SET' until the minutes flash. Change using the '+' and '-' keys.

Press 'SET' a second time to change the flashing times using the '+' and '-' keys.

If you are done, you will return automatically to the first screen.

Set the day of the week

Press 'SET' a third time to set the day of the week using the '+' and '-' keys: 1 for Monday to 7 for Saturday).

Define the setpoint temperature

The setpoint temperature of the thermostat is the reference temperature defined by the factory as default for each mode.

Continue pressing 'SET' to change each of the setpoint values always using the '+' and '-' keys for each of the modes:

	COMFORT	(default setting : 21°C)
	ECONOMY	(default setting: 17°C)
	HOLIDAY (vacances)	(default setting : 5°C)

Advice : press  to exit SET programm at any time.

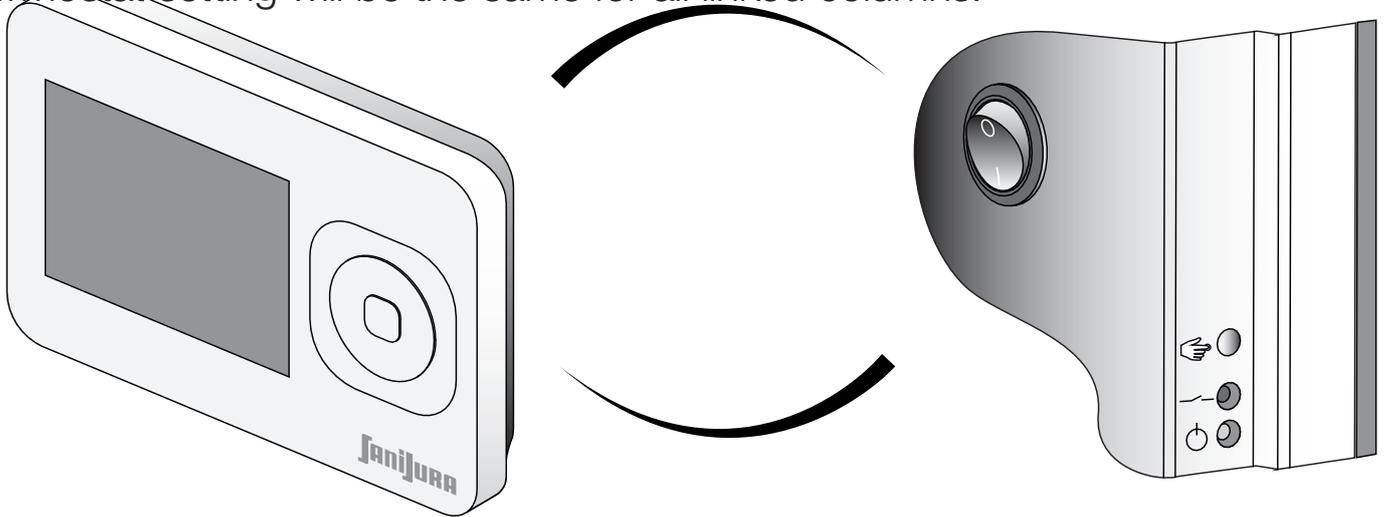
Important : Your thermostat works only if MENU 8 is in APP mode, not in FP mode (see page 24).

The data registered in the programm are kept in memory during around 1 minute in case of battery change. Basic settings (day, hour) are not kept in memory and will have to be set up again after the batteries have been changed.

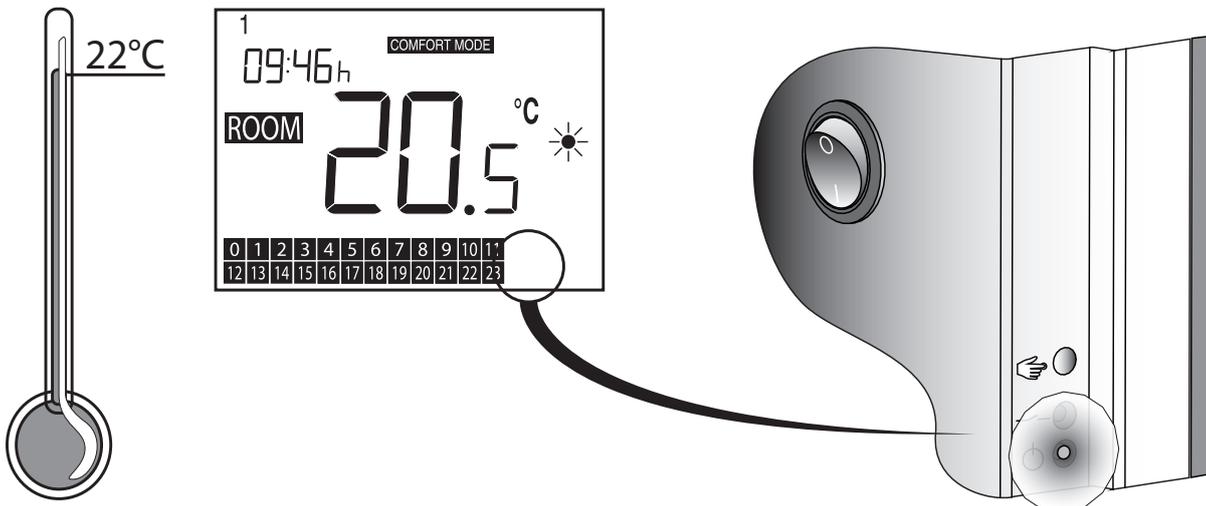
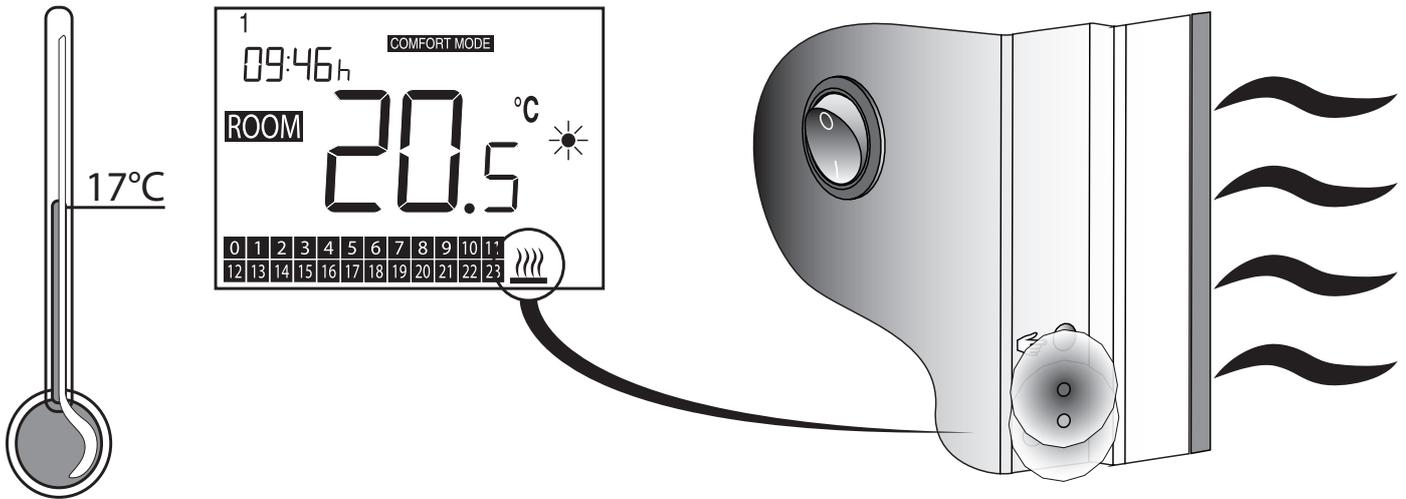
Thermostat pairing

Consists in creating the radio link between a thermostat and the receiver located in the column.

Note : it is possible to control up to 5 columns with only one thermostat. The thermostat setting will be the same for all linked columns.

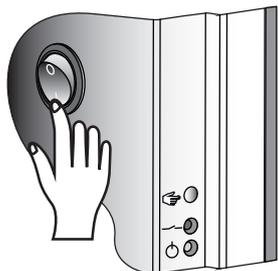


Operating principles

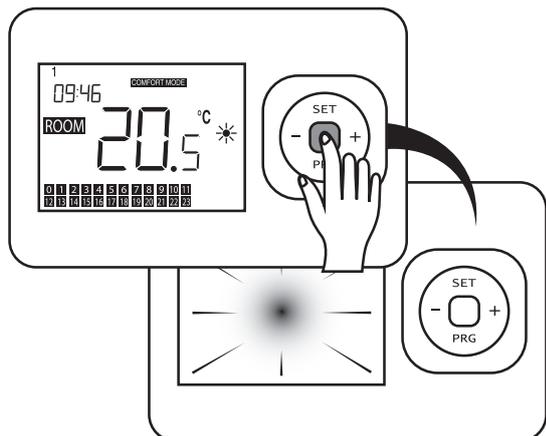


Thermostat pairing steps

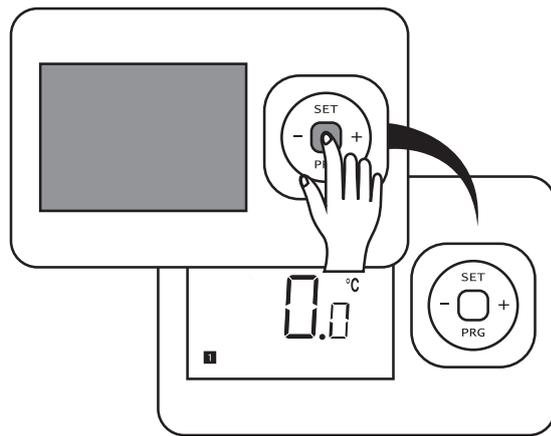
Switch on position 1



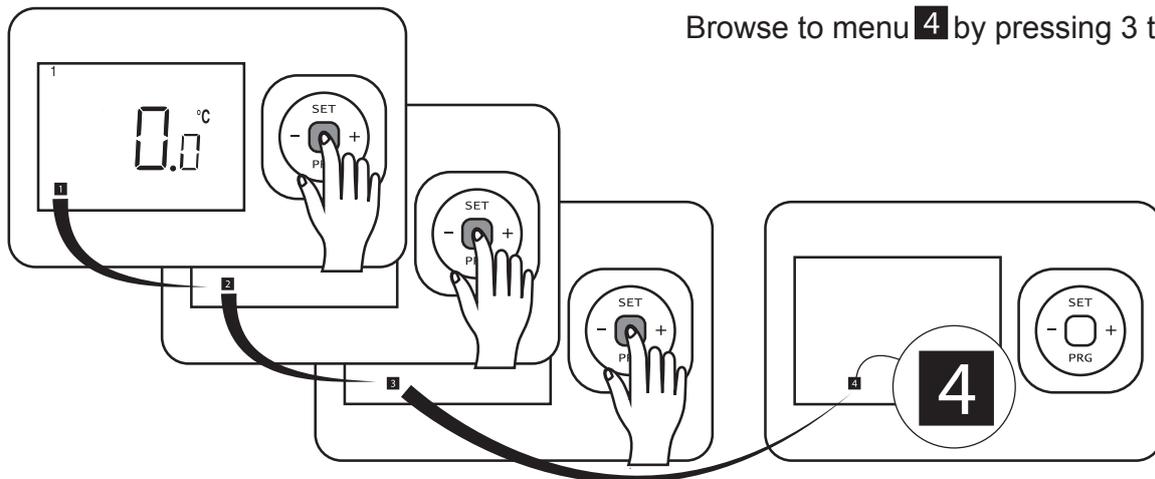
Press **SET** 3 to 5 s until screen shuts down



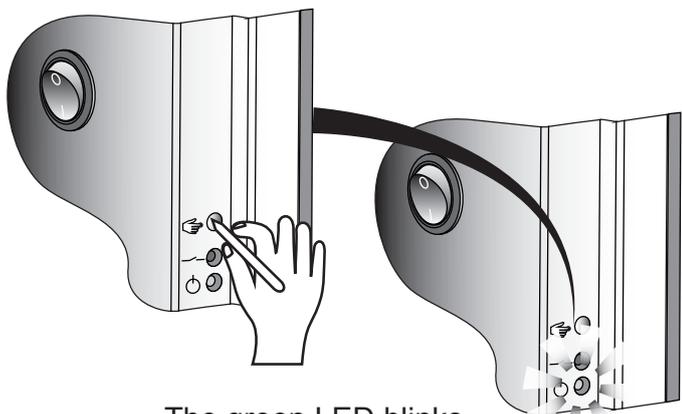
Press **SET** again until screen lights on, then release immediately.



Browse to menu **4** by pressing 3 times on **PRG**.

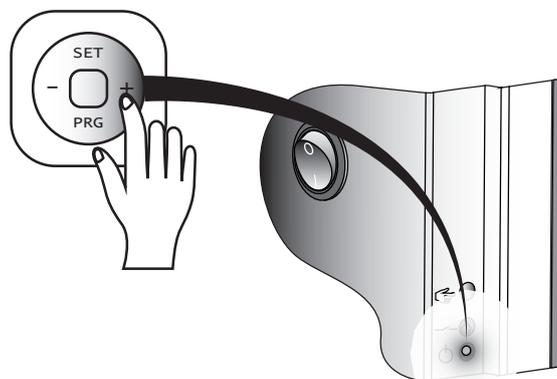


Press on the column pairing button with a pen edge...



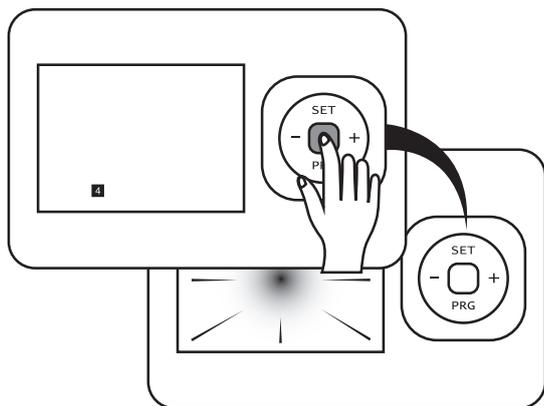
...The green LED blinks

Press + on the thermostat...

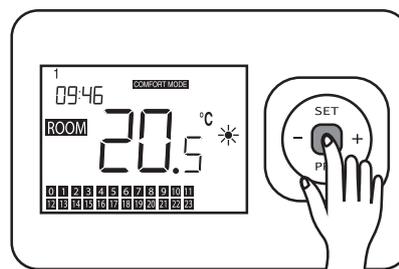


...the green LED becomes fix

Press **SET** until the screen shuts down



Press **SET** one more time to come back on the first screen



Thermostat and receiver are now paired and ready to communicate with each other.

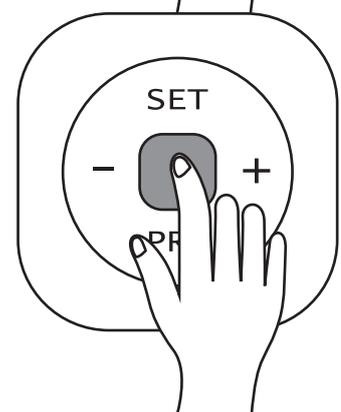
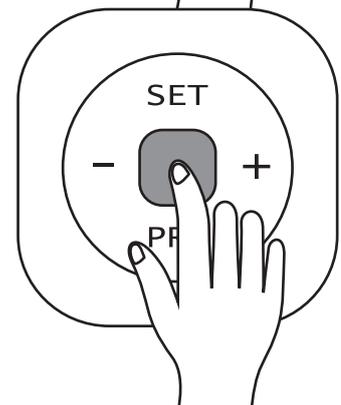
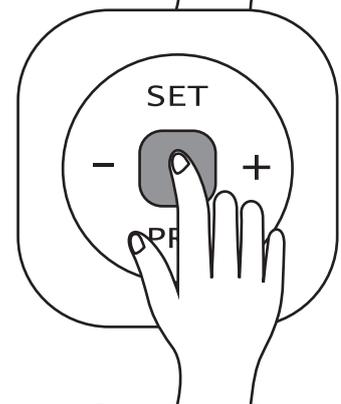
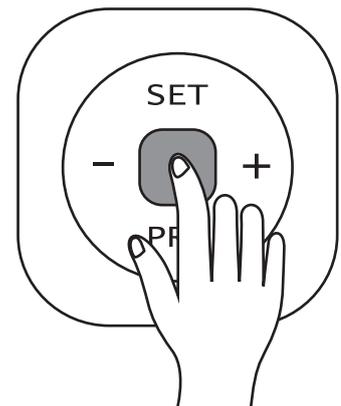
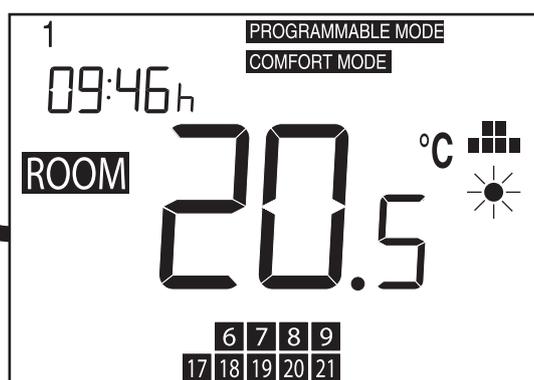
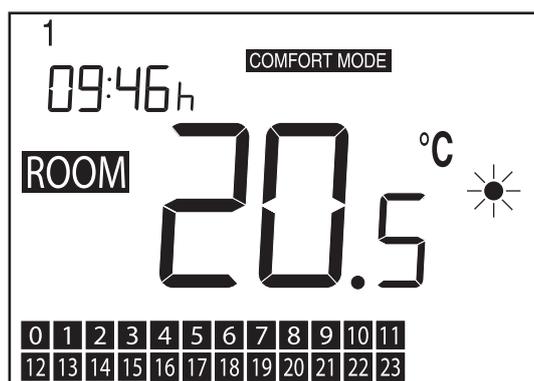
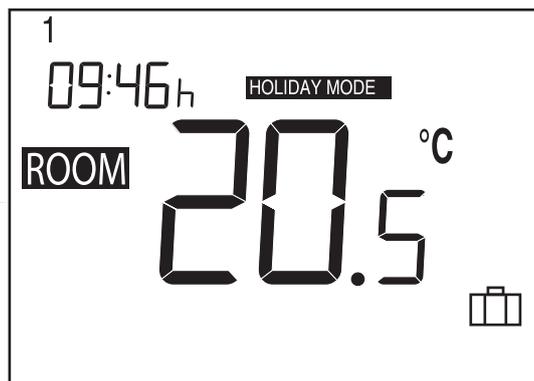
Available control programmes

Comfort mode ☀ keeps a «confort» temperature 24/24 - 7/7.

Economy mode 🌙 keeps an «ECO» temperature 24/24 - 7/7.

Holiday mode 🗳 keeps a lower temperature in case you leave your home for a long period.

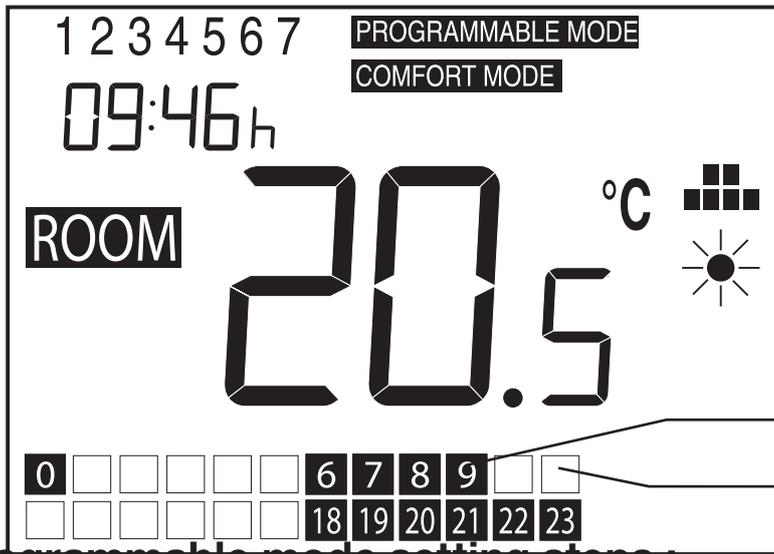
Programmable mode 📊 allows to heat only according your needs to ensure real energy savings.



Programmable mode

Prerequisite : basic parameter set up must be already done (date, hour...).

The user programm allows to alternate heating hours in COMFORT MODE ☀ with heating hours in ECONOMY MODE 🌙, to adapt itself at best to the hours you are at home. It is possible to programm differently for each day of the week.

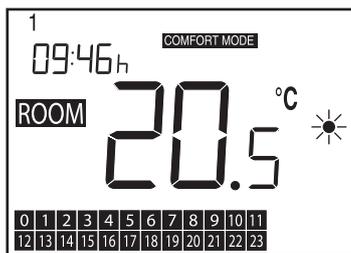


Plages Horaires :

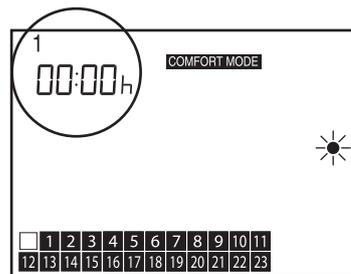
Icone Noir = COMFORT MODE

Icone vide = ECONOMY MODE

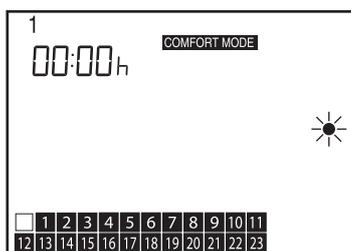
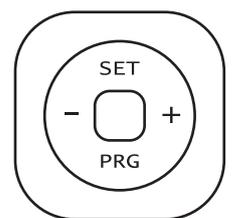
Programmable mode setting steps :



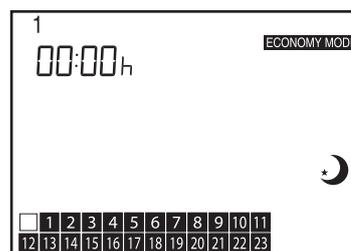
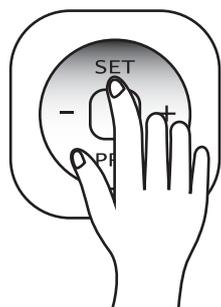
Press button PRG 2 to 3 seconds ...



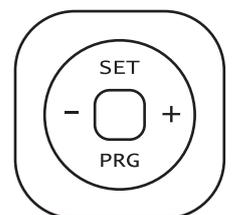
... then you come into programmation mode (day 1 Monday / midnight)

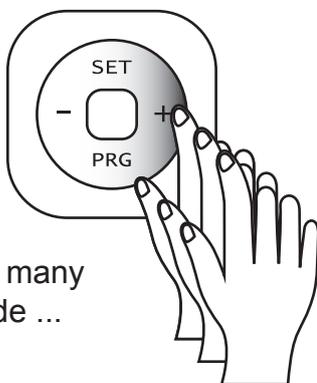
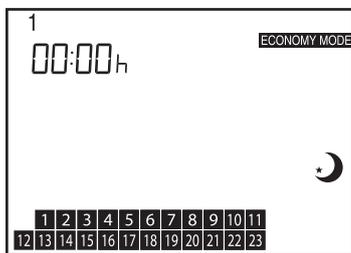


Press button SET ...

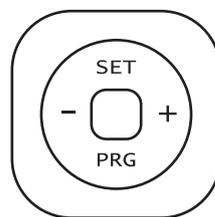
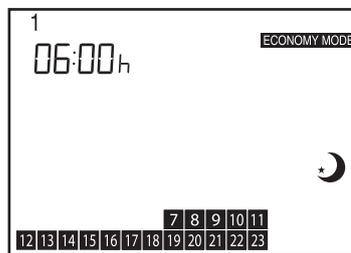


... to switch from comfort mode to economy mode

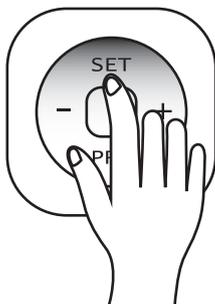
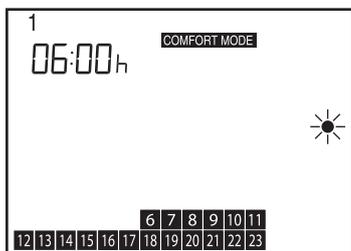




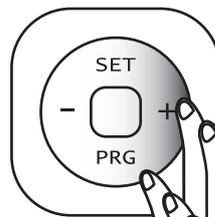
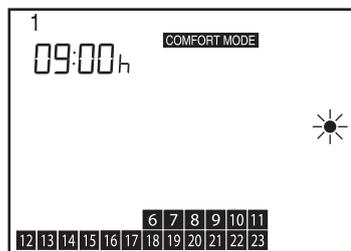
Press + as many times as many hours needed in ECO mode ...



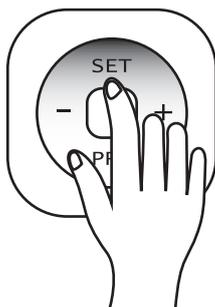
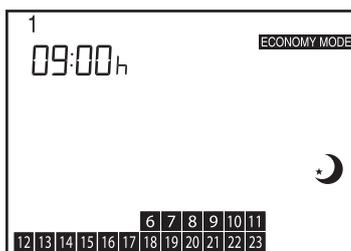
... For this example you have validated 0:00 to 5:59 in ECO mode (not heated)



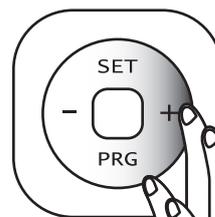
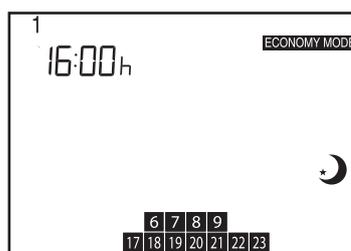
Press SET to go to COMFORT mode



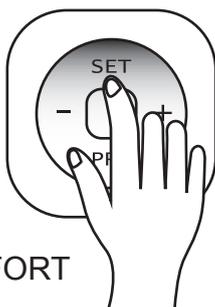
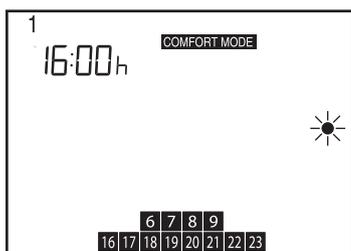
Press + as many times as many hours needed in COMFORT mode (ex: 6:00 to 8:59)



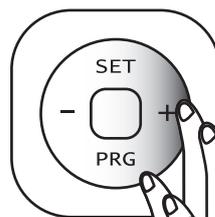
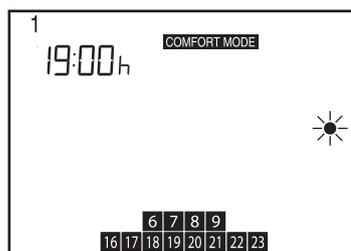
Press SET to go back to ECO mode



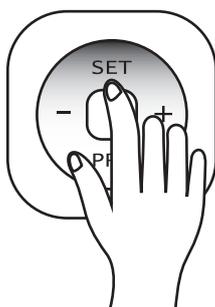
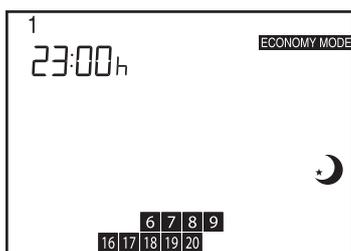
Press + as many times as many hours needed in ECO mode (ex: 10:00 to 15:59)



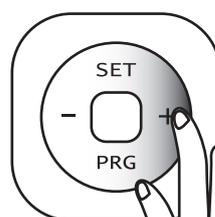
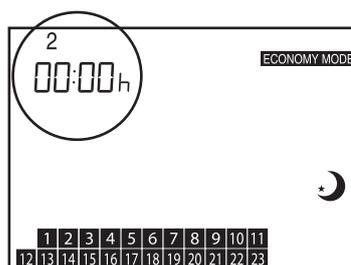
Press SET to go to COMFORT mode one more time



Select for example from 16:00 to 18:59



Press SET and select the last time slot of the day in ECO mode by pressing + ...



...continue for day 2 following a plan which can be different; and until day 7 (Sunday)

Secondary functions

Menu N°	DESCRIPTION		TEMP RANGE	VALUE
1	Thermostat temperature sensor calibration	If Needed	-8/+8°C	0°C
2	Maximal possible temperature for setting setpoint temperature	If Needed	<35°C	35°C
3	Minimal possible temperature for setting setpoint temperature	If Needed	>5°C	5°C
4	Thermostat pairing / column – see dedicated previous pages	Mandatory	-	-
5	Sensitivity setting in temperature lowering for opening detection function.	If Needed		
6	Sensitivity setting in temperature increasing for opening detection function.	If Needed		
7	Unused			
8	Change to Mode FP (pilot wire)	If Needed	APP/FP	APP
9	Time anticipation 0=OFF – 1=ON	If Needed	0/1	0
10	Unused			

MENU 1 : Temperature sensor calibration

If the temperature indicated on the thermostat do not correspond to the room real temperature, it is possible to adjust the display :

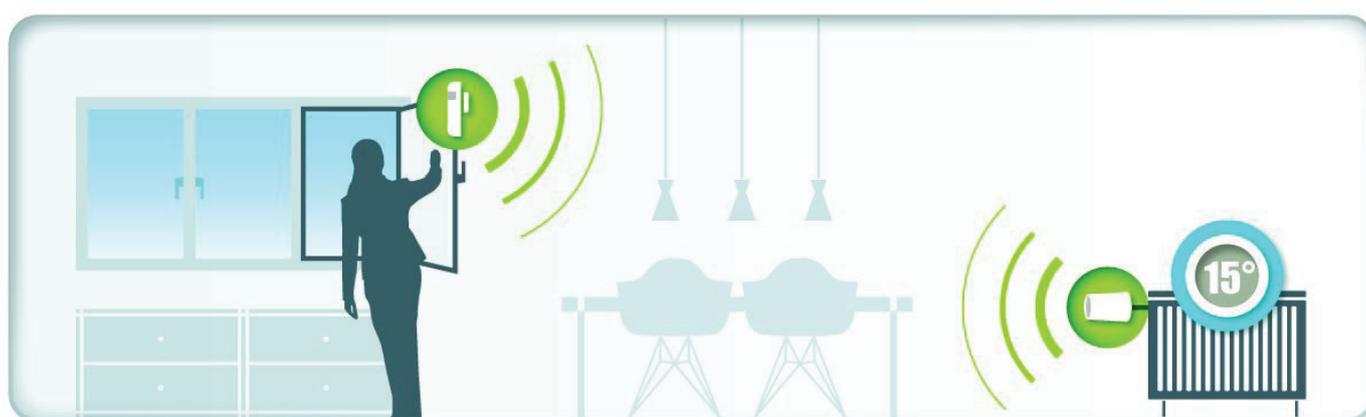
Just like in the pairing steps, press  until the screen shuts down, release and press again until the screen lights up : you are in menu 1.

Correct the temperature value using + and - then confirm by pressing  3 seconds until the screen shuts down.

Press  to come back to the first screen.

MENU 5 et 6 : Opening detection

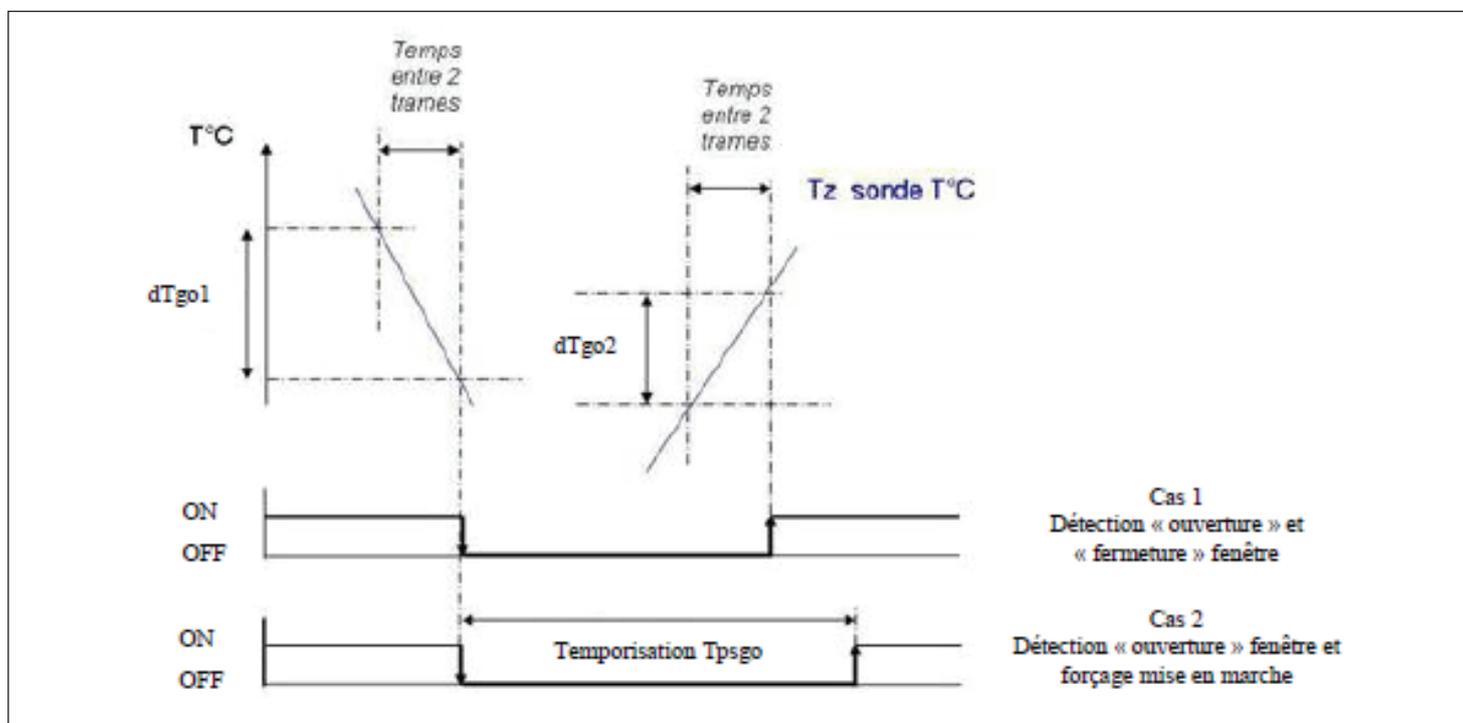
To ensure energy savings, it is important to avoid wasting it. The thermostat includes a function allowing to detect an opening (window, door)in case of airing the room it is located in by stopping the heating order of the column. When the opening is closed, or after a maximum period of time of 15 minutes, the thermostat goes back to the programmed automatic set up.



The thermostat detect a quick temperature decreasing



The thermostat reduce the temperature set up



Opening detection set up steps :

Press until the screen shuts down, release and press again until the screen lights up again.

Reach menu 5 by pressing 4 x .

Adjust lowering temperature difference (when a window is open)

Press SET to go to menu 6.

Adjuster increasing temperature difference to end function.

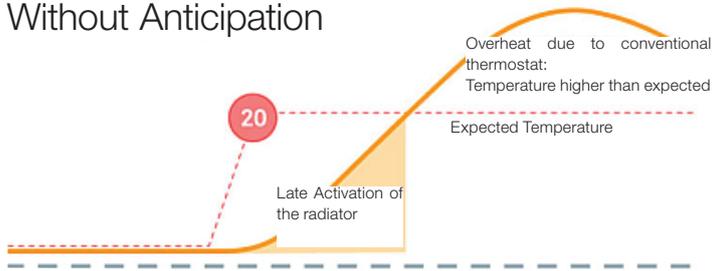
Press to exit function.

Note : When detecting a window opening , the thermostat switches to Holiday mode , until it switches back to normal mode.

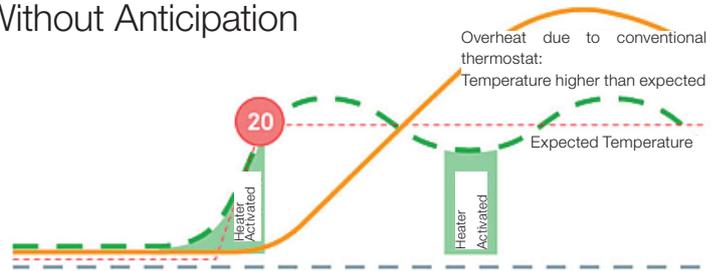
MENU 9 : Time anticipation

As anticipation is key to confort and savings, the thermostat learns and manages for you optimal starting time for an immediate and instant confort where you wish.

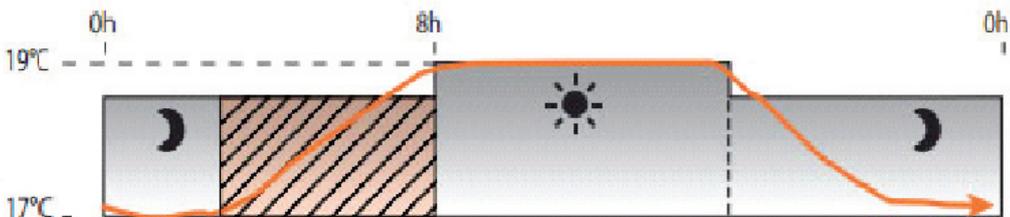
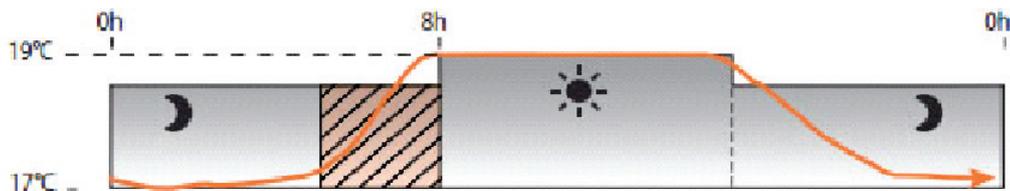
Without Anticipation



Without Anticipation



You set up your waking up time or leaving time without having to think how long you will need to anticipate your confort.



Ex : If the thermostat has calculated an anticipation need of 30 minutes in a period of 7 days «P1» then it will trigger the heating order 30 minutes before the programmed starting time in Programm mode in period «P2» for the 7 following days.

If the room temperature cannot reach the setpoint temperature set up in less than 60 minutes, then the thermostat will trigger the heat automatically. The heat «icon» will then be blinking.

By pressing + on the setpoint temperature adjustment screen, SET will be blinking and the setpoint temperature will automatically be set at 35° C for this set up programm anticipation heat phase.

Function principle

The thermostat will save the room ambient temperature during heating periods (temperature increasing phases) over a rolling 7 day period. It will thus calculate the necessary time needed to reach the comfort temperature of a heating period and will anticipate heating order triggering accordingly.

When the thermostat is in anticipation phase, the screen displays a blinking «SET», the setpoint temperature is switched automatically to 35°C and will afterwards automatically go back to the temperature set at the beginning of the programmed period.

The maximum anticipation is limited to 60 minutes.

Function activation or disactivation

Press  until screen shuts down, release et press again until screen lights up again.

Reach menu 9 by pressing 8 x .

Press + or - select 0 = OFF or 1 = ON.

Press  to exit the function

MENU 8 : Piloting through a Centralised Building Technical Management (GTB) with Pilot Wire function help

PILOT WIRE function allows you to pilot all your columns through a standard centralised management.

COMFORT	NO SIGNAL	
ECO or HOLIDAYS	230V Normal signal	
UNFROZEN	HALF NEGATIVE SIGNAL	
STOP	HALF POSITIVE SIGNAL	

Note : PILOT WIRE function activation makes the thermostat's programming ineffective. To use again the thermostat, please deactivate its PILOT WIRE function.

Function activation or deactivation

Press  until screen shuts down, release it and press again until screen lights up again.

Reach menu 8 by pressing 7 x .

Press + or - to select APP = Programmable or FP = Pilot Wire.

Press  to exit the function

Technical characteristics of ZEPHYR heating column

Voltage: ~230V/AC (50/60Hz)

Maximal Intensity per heating column : 5A

Protection Class : II

Protection Index : IP44

Indicated power per room : 54W/m²

Conformity: CEI60335-1, CEI60335-2-30,
CEI60335-2-43 et EN50014-1,
EN50014-2, EN61000-3-2,
EN61000-3-3

EMERALD RANGE TO DISCOVER

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Power - Area to heat	WIDTH	LENGTH	WEIGHT
500W - 10M ²	400mm	1750mm	11 Kg (facade only)

Help with diagnosis

NATURE OF THE PROBLEM	CONTROL	ACTION
THE COLUMN DOES NOT HEAT	1. Ensure that the green light is lighting (power) and the red light is lighting too	Turn the function button (The switch on the side of device) to position I or II
	2. The status light Function is on (green), the Heater is switched off, the Red light is not lit on the side of your column	Check the value of setpoint Room temperature does not require heat your room The device is in eco mode
	3. The power light (green) Still does not light up	Ensure that circuit breakers are activated
THE COLUMN HEATS PERMANENTLY	Make sure that the temperature on your thermostat has not been modified	Reset the temperature
	Check that the thermostat is not located near of an unheated room	Close the Door, heat the room
THE DEVICE DOES NOT FOLLOW THE ORDERS OF THE PROGRAMMING	Check that the receiver or thermostat are in operation Ensure proper use Of programming.	Push the button on position I or II Check batteries Verify proper operation of programming
IN ALL OTHER CASES, CONTACT A QUALIFIED PERSON OR OUR SERVICE CENTER (03.84.52.71.11)		

Guarantee

- 5 years for the heating element of the heating column ZEPHYR and 2 years for the Programmable electronic thermostat.
- The warranty period starts from the date of purchase on the Invoice or receipt.
- This warranty applies in addition to all standard laws.

GUARANTEE CONDITIONS

Any request for guarantee is subject to compliance with the following terms and conditions:

- This warranty is valid only for domestic use in dry space.
- The warranty covers defects arising during the manufacture of the equipment. It does not extend to damage caused by third parties (eg transport or assembly).
- No warranty is offered for damage resulting from use abuse, misuse, accidents or natural disasters, damages resulting from other unusual circumstances in connection with the residential applications.
- Damage resulting from improper maintenance and cleaning, overload, or due to moisture are also excluded from coverage provided by the guaranteed presence.
- The warranty does not apply if the products are not installed according to the manufacturer's recommendations.
- Warranty is void if products are installed despite defects visible.
- SANIJURA reserves the right to inspect damage on site after agreed to a reasonable inspection date in order to verify the conformity of the warranty terms and conditions.
- This warranty supersedes all other warranties. The guarantee shall be subject to the version of the guarantee in force at the purchase time.
- If a defect covered by this warranty is found, the manufacturer will repair or replace the product free of charge.
- The replaced product will benefit from same guarantee for the following years.

NB: Our commitment is limited to the supply of new equipment. Other cost related are not covered.

GUARANTEE CERTIFICATE

In case of damage during the warranty period or later, please
Contact the manufacturer below:

- email : info@sanijura.fr
- HOT LINE : 03.84.52.71.11 (8 h 00 - 17 h 00 - working days)

**In the case of a return service, please attach this document filled with the
invoice.**

Name:

Email :

Street :

Product :

ZIP code:

Date of purchase :

City :

Installater :

Country :

Date of installation :

Tel. :

Please attach a copy of the purchase invoice.

SANIJURA, 33 rue Stephen Pichon, 39302 CHAMPAGNOLE