

User Instruction Manual

Electric Towel Warmer

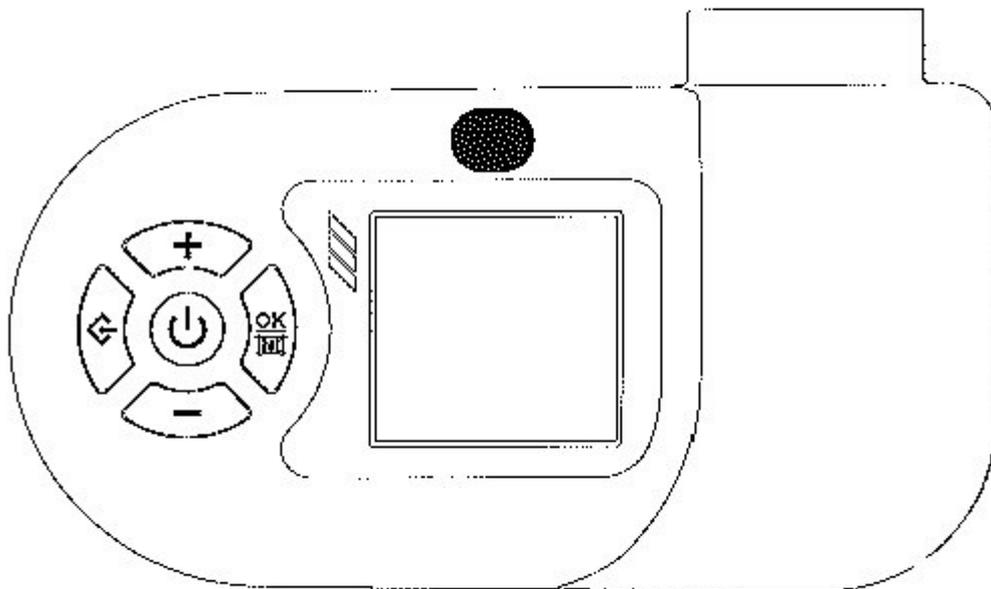


FIG. 1

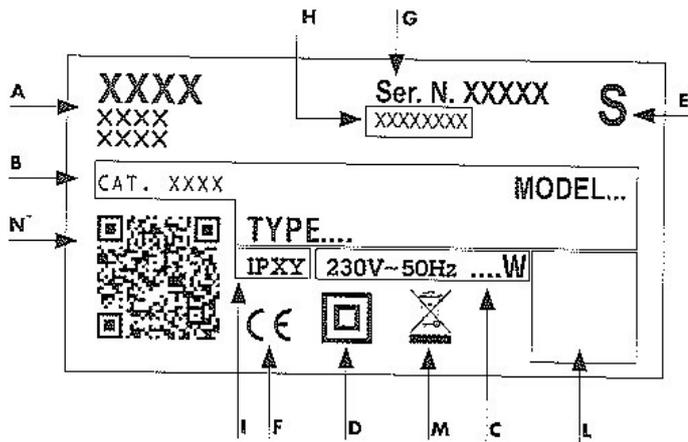


FIG. 2

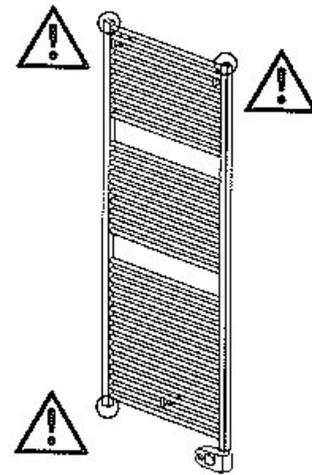


FIG. 3

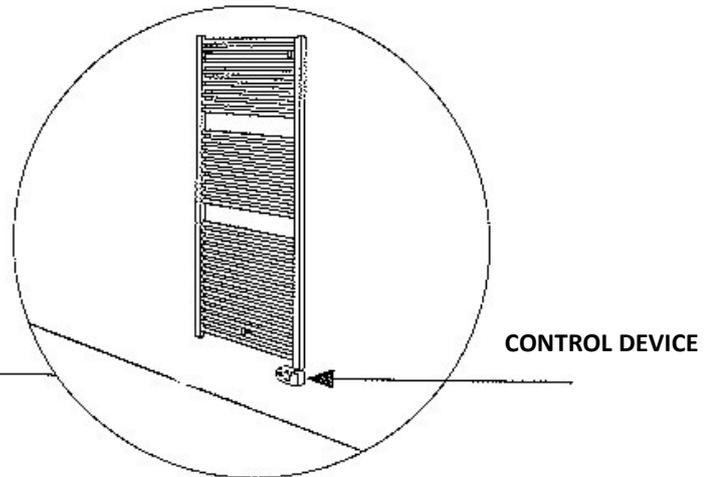
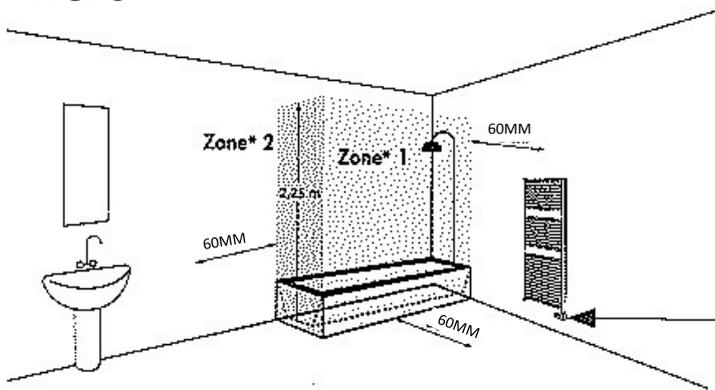


FIG. 4

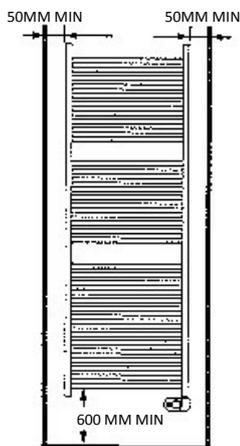


FIG. 5

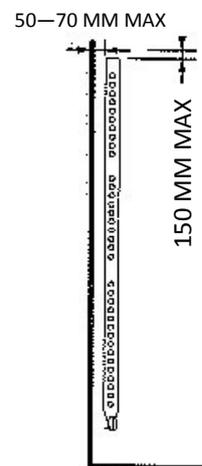


FIG. 6

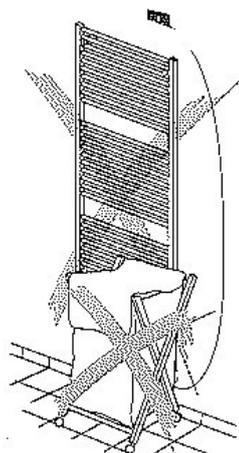
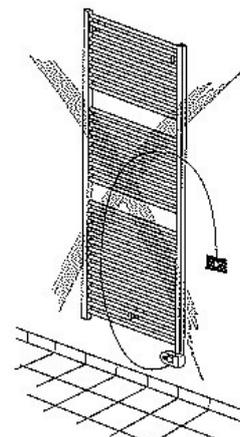


FIG. 7



SYMBOLS USED IN THIS MANUAL



IMPORTANT!
DANGER FOR THE SAFETY OF PERSONS,
PETS AND THINGS.



IMPORTANT!
HIGH TEMPERATURES. RISK OF
BURNS.



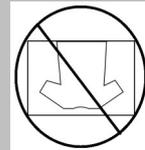
IMPORTANT!
DANGER OF ELECTRIC SHOCK



TIPS FOR EFFICIENT OPERATION!



IMPORTANT!
DANGER OF DAMAGE TO THE APPLIANCE



DO NOT COVER THE APPLIANCE!



WARNING

CAUTION: Some parts of this product can become very hot and cause burns. Particular atten-



Children of less than 3 years should be kept away from the towel warmer unless continuously supervised.

Children Aged from 3 years and less than 8 years shall only switch on/off appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children between 3 and 8 years old must not disconnect, regulate and clean the appliance or perform user maintenance. This appliance can be used by children aged 8 and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

WARNING:



This appliance is designed to dry towels washed in water only. It must not be used for other purposes.



NEVER INSTALL THE APPLIACNE:

- Immediately below or in front of a power socket or a junction box (Fig.6)
- In contact with the wall or floor
- Near curtains, flammable or combustible materials or pressure valves.



WARNING:

Respect the distances shown in figures 4,5. To avoid all risks for young children, install the appliance with the lowest heating element at least 600mm from the floor. (Fig.4)



Install and use the appliance as described in these instructions only.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard. Never use the appliance if the electronic controls are damaged.



Make sure the fixed power line is fitted with a disconnecting switch allowing the appliance to be disconnected completely from the household mains, included the pilot wire, when present, in accordance with the wiring rules.

WARNING:

Never cover the control device in any way. (Fig. 6)



The appliance contains a precise quantity of special fluid. All repairs requiring the appliance to be opened must be performed by a qualified professional. In the event of fluid leaks, contact your local dealer or a qualified professional.

Disposal of this appliance and the fluid contained inside the towel warmer must be carried out in accordance with the legislation in force for the disposal and management of waste.

1. SPECIFICATIONS OF THE APPLICANE

Voltage: 230 V ~ 50 Hz

Insulation Class: II

Protection Class: IP34

Power [W]	200	300	400	500	600	700	750	900	1000	1250	1500	2000
Rated Current [A]	0.9	1.3	1.8	2.2	2.6	3	3.3	4	4.5	5.5	6.5	9

Table 1



The appliance's technical specifications are indicated on the rating plate on the bottom right of the towel warmer (Fig.1).

A Brand/Manufacturer	G Serial Number
B Model, Type, Category	H Product Code
C Voltage and Power	I Protection Class
D Double Insulation	L Quality Marks
E Country of Origin	M Disposal Procedures
F CE Marking	N Bidimensional Code (QR)



Modifying the characteristics of the appliance and removing any fixed component including the caps and/or removing or rotating the control device in anyway are expressly prohibited (Fig.2).

Make Sure the appliance is complete and undamaged. If damaged, do not use the appliance, but contact your local dealer or a qualified professional.



The materials used for packaging can be recycled. You are therefore recommended to dispose of them in special differentiated waste collection containers.

2. GENERAL INFORMATION



Storage and Maintenance:

Avoid Storing the appliance in places at risk of freezing.

Protect from frost.



Unpack the appliance carefully and rest it on the polystyrene corner pieces of a soft support to avoid damage.

The package contains:

- The Appliance
- Remote control (if provided) with two batteries and container for wall mounting
- Mounting Kit
- Instructions



Read all the instructions carefully before installation and use. Keep for future consultation.



Install and use appliance as described in these instructions only.



These instructions do not cover all situations which might arise. Caution and common sense should be applied when installing, operating and servicing the appliance.

3. POSITIONING AND INSTALLING



This appliance is designed to heat domestic rooms or similar and to dry towels.

WARNING:

This appliance is used to dry towels washed in water only. It must not be used for other purposes.

The appliance must be used permanently mounted on a wall as descried in the instruction.

Install the appliance with the control device at the bottom right and the control keys towards the front as in fig.3.



In bathrooms (with bath or shower), install the appliance outside zone 1.

The appliance must be installed in such a way that the electronic controls and other control devices may not be touched by someone in the bath or shower. The towel warmer must not be connected with a plug.



For appliances already fitted with power plugs, see the warning on page 32.



WARNING:

Respect the distances shown in figs 4,5. To avoid all risks for young children, install the appliance with the lowest heating element at least 600mm from the floor. (Fig 4).



Never install the appliance:

- Immediately below or in front of a power socket or a junction box (Fig. 6)
- In contact with the wall or floor.
- Near curtains, flammable or combustible materials or pressure vessel's.

3.1 WALL MOUNTING



Make sure the screws and anchors included in the mounting pack are suitable for the type of wall on which you are mounting the appliance. If in doubt, contact a qualified professional or your local dealer.



During installation, make sure the power cable is disconnected from the power line.



To mount on the wall, see from page 257 of these instructions.

3.2 ELECTRICAL CONNECTIONS



WARNING

To be installed by a specialised engineer in accordance with the applicable standards in the country concerned.

When the appliance is installed, make sure the power is off and the mains switch is in the 'O' position.



The appliance requires a 230V ~ 50 Hz power supply. Make sure the power line is appropriate for the date given in table 1.



Make sure the fixed power line is fitted with a disconnecting switch allowing the appliance to be disconnected completely from the household mains, including the pilot wire, when present, in accordance with the wiring rules.

If the appliance is installed in a bathroom, the power line must be fitted with a 30 mA RCD (high sensitivity residual current protection device). The power supply line and pilot wire control unit must be protected by the same RCD.

Permanently connected appliances must be connected using a connector block placed within a proper junction box.

When installing the appliance in damp rooms (kitchen, bathroom) the point of connection with the household mains must be at least 25cm from the floor.

Respect the wiring diagram in fig 8 scrupulously.

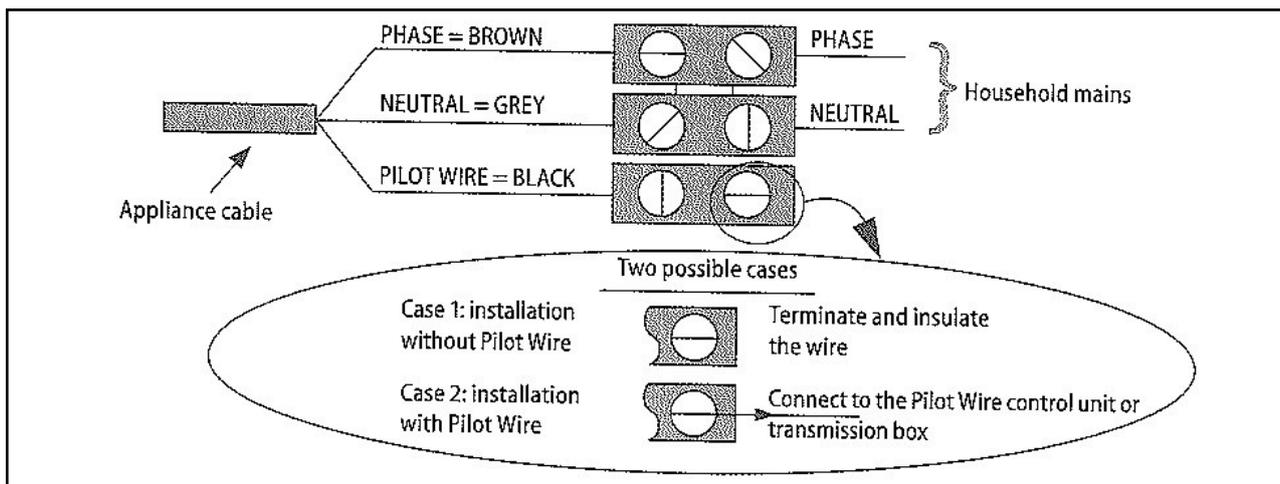


If the pilot wire is not connected to the programming unit, it must be terminated and insulated. Under no circumstances should the pilot wire be connected to the earth.



Make sure the power cable cannot in any way come into contact with the surface of the appliance (Fig.7).

Fig. 8



4. REGULATION AND OPERATION



This appliance is designed to heat domestic rooms or similar and to dry towels. Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.



the mains power supply and allow the appliance to dry completely.



When the appliance is installed at high altitude, the air will be hotter than the set temperature.



If you think room temperature could drop below freezing point, activate 'Anti-Freeze' mode.



To turn off the appliance completely, move the main switch to the 'O' position. This is recommended whenever the appliance is no used for long periods.



Keep combustible or flammable materials or pressure vessels (e.g. spray cans, fire extinguishers) at least 50cm from the appliance. Do not vaporise any type of substance on the surface of the appliance.

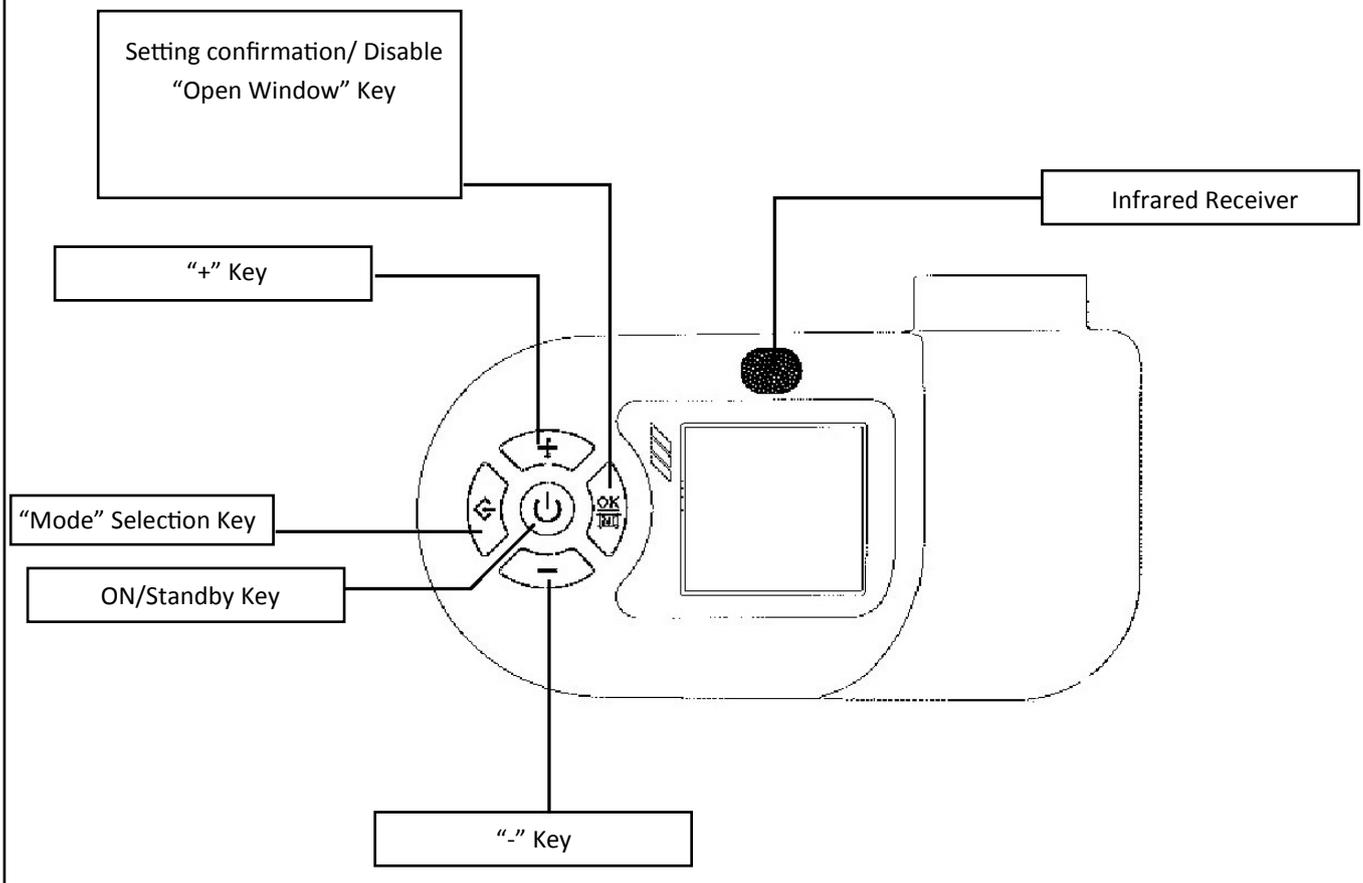


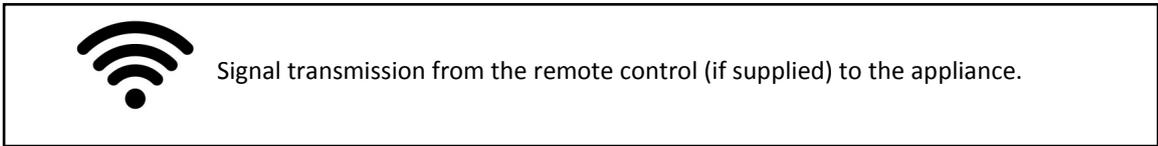
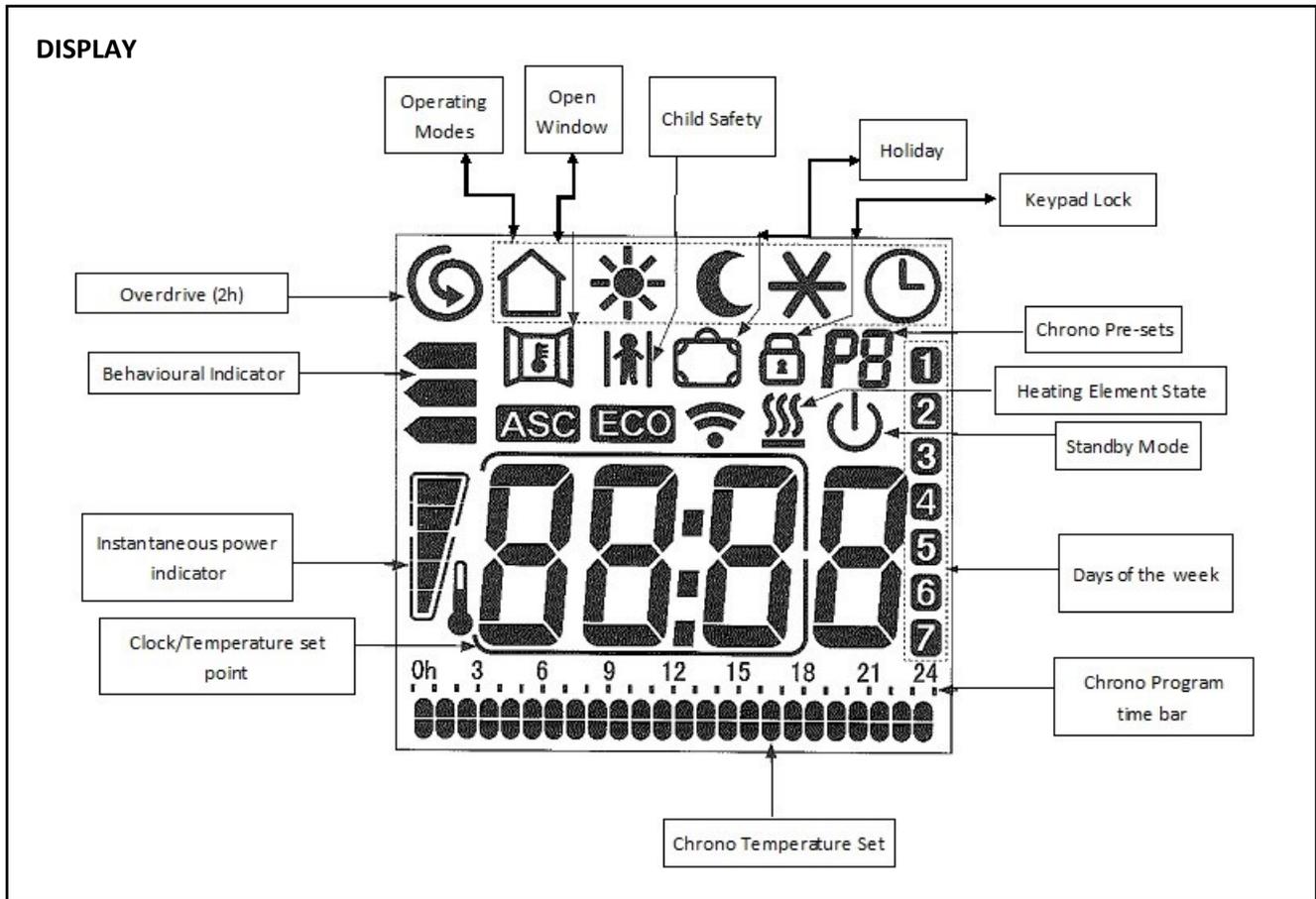
Never Touch the appliance with wet or damp hands or feet.

Do not wet the electronic control unit with water or other fluids. If this occurs, disconnect

OPERATION AND REGULATION OF THE CONTROL UNIT

CONTROL PANEL

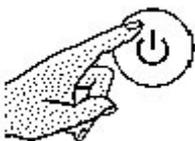




4.1 ON/STANDBY MODE



In 'standby' mode the LCD Displays the Standby icon, the hour and day of the week. All the operating modes are suspended ("Pilot Wire" included), but the appliance is powered and waiting for command reception.



To turn on or off the appliance, press the "Standby" key. The towel warmer turns on in the previously selected operating mode and emits a beep.

In "Chrono" mode the display shows the time, in the other modes the temperature setting is displayed. The entry into "Standby" mode is signalled by means of a double beep, the exit from "Standby" mode by means of a long beep.

4.2 OPERATING MODES

The appliance provides 6 operating modes which allow the user to heat the environment in the most suitable way with respect to his needs.



Press the "Mode" Selection key to select the desired operating modes. An icon on the LCD will show the selected operating mode.

	Pilot Wire		Comfort
	Night/Eco		Anti-Freeze
	Chrono		Energy Saving



PILOT WIRE

The temperature depends on the "Pilot Wire2" command.

All "Pilot Wire" commands are enabled.



COMFORT

The “comfort” temperature corresponds to the temperature desired by the user.

All “Pilot Wire” commands are disabled.



NIGHT/ECO

The “Night/Eco” mode keeps a comfortable temperature with a reduced energy consumption.

All “Pilot Wire” commands are disabled.



ANTI-FREEZE

In “Anti-freeze”, the temperature set point is fixed at 7 °C.

The appliance starts heating automatically when the room temperature drops below 7 °C.

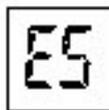
All “Pilot Wire” commands are disabled.



CHRONO

In this mode, you can select one of the three pre-set chrono-thermostat programs or the custom program. The latter lets you set a daily and weekly program with two temperature levels (“Comfort” and “Night/Eco”).

All “Pilot Wire” commands are disabled.



ENERGY SAVING

This mode reduces the appliance’s energy consumption when the room is left unoccupied. Temperature is fixed at 17 °C.

All “Pilot Wire” commands are disabled.

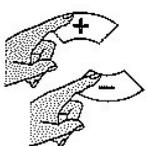
When the icon is displayed on the LCD, the heating element is on.

4.2.1 PILOT WIRE

To activate the “Pilot Wire” mode:



Press the “mode” selection key until the icon appears on the LCD.



Users can only set the “Comfort” temperature on the appliance.

Select the desired temperature set point by using the “+” and “-” keys.

The home must be fitted with an automation system supporting this type of technology. In this case, correct transmission of the programming commands can be verified using the following diagram according to the mode set:

Mode	Comfort	Night/Eco (Comfort -3,5 °C)	Anti-Freeze	Standby	Comfort -1 °C	Comfort -2 °C
Signal to be transmitted						
Voltage between Pilot Wire and neutral wires	0 volt	230 volt	115 volt Negative	115 volt Positive	230 volt For an interval of 3 s	230 volt For an interval of 7 s

The icon showing the mode selected on the control unit (Standby, Comfort, Night/Eco, Anti-Freeze) is displayed together with the icon.

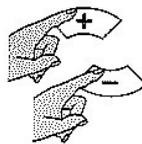
If the Pilot wire programmer is no connected, “Comfort” operating mode is selected automatically.

4.2.2 COMFORT

The “Comfort” temperature set point in the temperature desired by the user.



Press the “Mode” Selection key until the icon appears on the LCD.



Select the desired temperature set point by using the “+” and “-” keys.

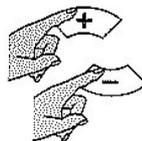
The temperature can be chosen in the interval between 7 °C and 32 °C.

4.2.3 NIGHT/ECO

In “Night/Eco” mode the temperature set point must not be higher than “Comfort” temperature set point. If the “Comfort” temperature is set below the “Night/Eco” temperature, the latter will be automatically adjusted accordingly.



Press the “Mode” Selection key until the icon appears on the LCD.

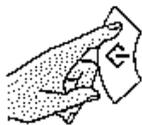


Select the desired temperature set point by using the “+” and “-” keys.

The use of this operating mode is recommended in night-time hours and in case no people is in the room for more than 2 hours.

4.2.4 ANTI-FREEZE

In “Anti-Freeze” mode the temperature set point is fixed at 7 °C. The appliance starts heating when room temperature goes under 7 °C and with low energy consumption it prevents the room temperature to reach the freezing point.



Press the "Mode" selection key until the  icon appears on the LCD.

The operating mode is recommended when no people is in the room for more than 1 day.

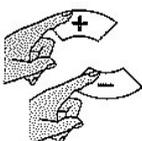
4.2.5 CHRONO

In "Chrono" mode, you can select one of the three pre-set Chrono-thermostat programs or the custom program. The latter lets you set various temperatures ("Comfort" and "Night/eco") over a 24 hour period for each day of the week.

CHOICE OF PROGRAM



Press the "Mode" key until the icon  is displayed. The press "Mode" and "-" keys together and hold them both down for at least 3 seconds.



The programme code (P1, P2, P3, P4) flashes. Press the "+" or "-" keys to set the program. Press the "Mode" key to confirm.

The icon of the ASC function (see Ch. 4.3.1) starts flashing. Press the  key to activate the function or the "-" to deactivate it.

PROGRAM P1	HOURS	MODE
FROM MONDAY TO FRIDAY	0 - 6	Night/Eco
	6 - 9	Comfort
	9 - 16	Night/Eco
	16 - 23	Comfort
	23 - 0	Night/Eco
SATURDAY AND SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

PROGRAM P2	HOURS	MODE
FROM MONDAY TO SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

PROGRAM P3	HOURS	MODE
FROM MONDAY TO FRIDAY	0 - 6	Night/Eco
	6 - 9	Comfort
	9 - 13	Night/Eco
	13 - 23	Comfort
	23 - 0	Night/Eco

SATURDAY AND SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

PROGRAM P4 - CUSTOM

With the "P4" program, you can set different temperatures ("Comfort" and "Night/Eco") over a 24 Hour Period for each day of the week.

SETTING THE CURRENT DAY AND TIME

Before going on with the P4 custom programme setup, check that the hour and the day of the week have been correctly set up.



If you fail to enter the setup in this way, press the "Mode" key until the  icon appears on the display.

Then press the "Mode" key  again and hold it down until the number indicating the day flashes.



Adjust the day of the week by using "+" or "-" keys (1=MON, 2 = TUE,... 7= SUN), then confirm by pressing the "Mode" selection key.



Repeat the same procedure for the hours.



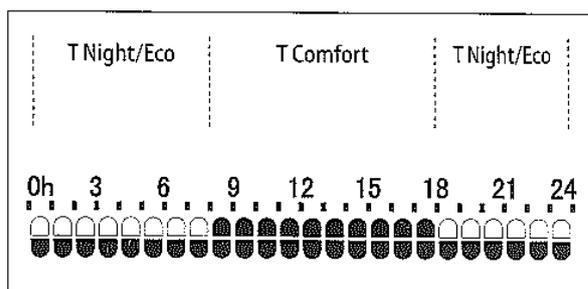
The minutes now start flashing. Use the "+" or "-" keys to set the minutes then press the OK key to confirm and exit or press the "Mode" key to enter the P4 program setup.

SETTING THE P4 PROGRAM

To enter the P4 custom program setup, press the "Mode" key when you finish setting the minutes (see SETTING THE CURRENT DAY AND TIME).

The time bar will now flash and the clock will show the time being programmed.

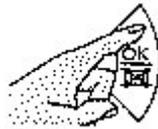
Start with the first day. Choose by means of the "+" or "-" keys, for each hour, between the "Comfort" temperature (two lines) and the "Night/Eco" temperature (single line).



Press the "Mode" key to confirm and repeat the same procedure for each day of the week.

The weekly program is now set.

The icon of the ASC function (see CH. 4.3.1) starts flashing. Press the OK key to activate the function of the “-” key to de-activate it.

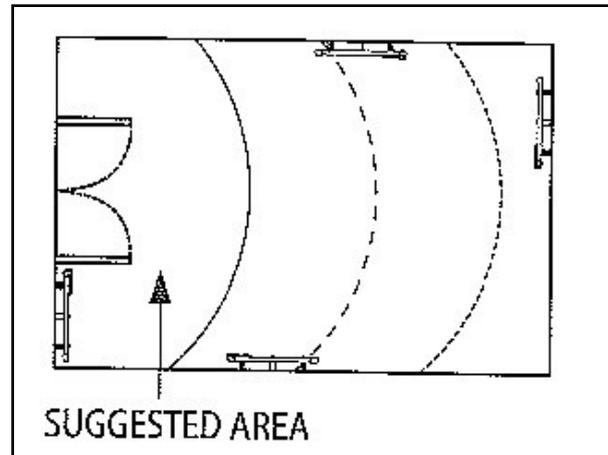


Now pressing the OK key cancels the “Open Window” action until detection of the next open window.

The  icon stops flashing.

For the optimal operation of the function, it is recommended to install the appliance near a window (Fig.9).

FIG. 9



4.2.6 ENERGY SAVING

This fixes the temperature at 17°C. “Energy Saving” mode reduces energy consumption when the room is left unused but a comfortable temperature needs to be maintained.



To activate “Energy Saving”, press the “Mode” key until the “ES” symbol is displayed in place of the hour/temperature.

4.3 FUNCTIONS

The appliance has a number of special functions to customise and optimise use.

4.3.1 ASC

This function measures the thermal inertia of the room to reach the set temperature and switches the appliance on in advance to ensure that the “Comfort” temperature is reached by the set time.

The function can switch the appliance on up to 2 hours early.



This function can be activated and operates only in “Chrono” mode. (See Ch.4.2.5)



A number of days of data acquisition are required to optimise the accuracy of the ASC function.



The appliance’s reaction to windows opening and closing depends on many factors, such as the temperature set on the appliance, external temperature, the degree of ventilation inside the room, the towel warmer’s position and presence of other heating sources.



The “Open Window” function cannot be activated or deactivated in “Standby” mode.



If the appliance has detected an open window, all the operating modes and the “Overdrive (2h)” function can be selected, however they will not be active until the window is detected as closed or the “Open Window” function is cancelled. The “Children Safety” and “Keypad Lock” functions remain active and can be activated and deactivated even when the appliance has detected an open window.

4.3.2 OPEN WINDOW

The “Open Window” function automatically detects an open window in the proximity of the towel warmer (for example during housework) and it goes into “Anti-Freeze mode”, in order to prevent unnecessary heating and to save energy. The function can also detect the closing of a window and reset the previous operating condition.

When switching, the appliance on, the function is already active, ready to detect any open windows.

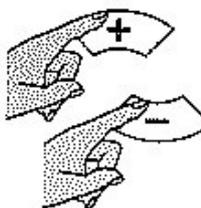


To activate or deactivate the function, press the OK key and hold it down until the  icon appears or disappears from the display.

When an open window is detected, the “Open Window” icon flashes.

4.3.3 CHILDREN SAFETY

When the “Children Safety” function is activated, the surface temperature of the appliance is lower than in normal operation in the active mode (“Comfort,” “Night/Eco”,...) to avoid the risk of burns caused by brief accidental contact.



To activate the function, press the “+” and “-” keys together and hold them both down until the icon  appears on the display.

To deactivate the function, repeat the same operation.

“Children Safety” can be activated in all operating modes, including “Overdrive (2h)”. The function cannot be activated when the appliance is in “Standby”.

IMPORTANT:

When this function is active, the appliance heats at reduced power and therefore the room takes longer to warm up.

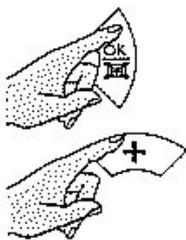
Even when this function is active, children should still be supervised to make sure they are not in danger.

Always avoid prolonged contact between the appliance and the body.

If the appliance is already operating or is still hot after recent use and "Children Safety" is activated, it takes at least two hours for the temperature to drop to the lower value and the function to be operational.

4.3.4 OVERDRIVE (2H)

The "Overdrive (2h)" can be used to heat the room quickly.



To activate the function, press the OK and "+" keys together and hold them both down until the  symbol appears on the display.

The minutes left until the end of the two hours are displayed in place of the time.

The appliance heats at the maximum power for 2 hours, independently from the temperature setting.

To deactivate "Overdrive (2h)" function at any time, press the two keys together as before.

After 2 hours since activation, the "Overdrive (2h)" exits automatically and the appliance returns into the previously selected operating mode.



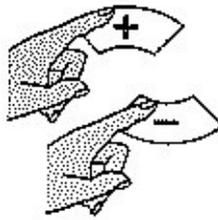
The "Children Safety" function limits the heating power of the appliance even when the function "Overdrive (2h)" is active.



If the appliance has detected an open window, the "Overdrive (2h)" function will not be active until the window is detected as closed or the "Open Window" function is cancelled (see Ch.4.3.2), however the two-hour countdown continues.

4.3.5 HOLIDAY

In case you are out of home for an established number of days, it is possible to set up the appliance so that it stays in "Anti-Freeze" mode during all the period of absence. It will automatically turn on in the previously operating mode as soon as the pre-set number of days expires.

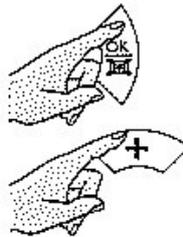


To activate the function, press the OK and "-" keys together and hold them both down until the icon  appears on the display.

Then set up the desired number of days (maximum 45) by means of the "+" or "-" keys.

The desired setting is autoconfirmed.

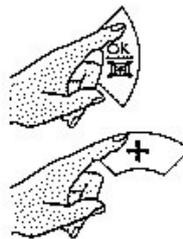
Now the LCD shows the  icon and the set number of days, which decreases as the days pass.



To deactivate the function at any time, press the OK and "-" keys together.

4.3.6 KEYPAD LOCK

It is possible to lock the keypad to prevent accidental modifications.



To activate the function, press the "Mode" and "+" keys together and hold them both down until the icon  appears on the display.

To unlock the keypad, press the same two keys together as before.

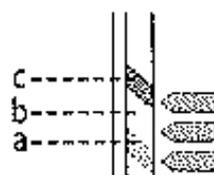
The "Keypad Lock" icon will no longer appear on the LCD.

IMPORTANT: The "Keypad Lock" function does not inhibit the "Standby" key. This is therefore always active, even when the "Keypad Lock" function is enabled.

4.4 BEHAVIOURAL INDICATOR

The behavioural indicator allows you to check if the chosen temperature set point is aligned with the recommended guidelines, in order to avoid the waste of energy and reduce the energy consumption.

An arrow will appear by one of the three coloured bars that represent the energy consumption in a qualitative way, according to the following scheme:



A) **GREEN:** The chosen temperature set point is already lower than the recommended.

B) **YELLOW:** The chosen temperature set point is adequate, but it would be better to further decrease it.

C) **RED:** The chosen temperature set point is high, it would be better to decrease it.

ATTENTION: The behavioural indicator gives an exclusively qualitative indication of the energy consumption. It is NOT an absolute measure.

4.5 INSTANTANEOUS POWER INDICATOR



This graphic provides an immediate indication of appliance power use (each sector represents 20% of the power).

OPERATION WITH REMOTE CONTROL UNIT (IF PROVIDED)

4.6 INFRARED REMOTE CONTROL

The radiator can also be programmed with the infrared remote control, included in the packaging.

The remote control communicates with the appliance by infrared rays. For efficient communication, point the remote controller at the receiver on the appliance (Fig. 10).

The distance between the remote control and the receiver must not be more than 5m.

The appliance responds to the commands received from the remote control with a beep.

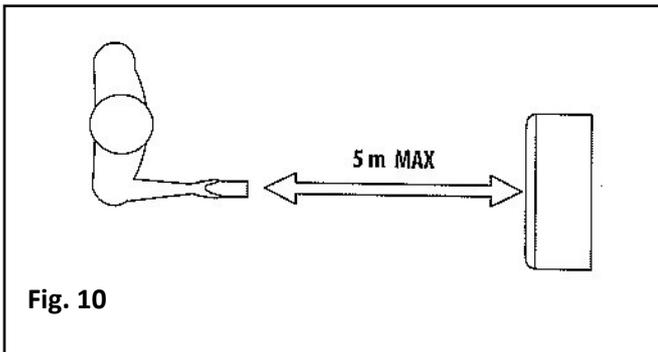


Fig. 10

Always handle the remote control with great care and place it within the special plastic container for wall mounting, included in the packaging.

Do not drop the remote control nor leave it exposed to direct sunlight. Do not spray water or other liquids onto the remote control. Do not place the remote on top of the appliance or close to intense sources of heat.

Inserting or replacing the batteries:

- Remove the cover on the back of the remote control.
- Insert two "AAA" LR03 1.5 V alkaline batteries. When inserting the batteries, always respect the polarity (+ and -) indicated on the battery and the appliance.
- Put the cover back.



Never use flat batteries and new batteries together, always use batteries of the same type and brand.

Flat batteries must be removed from the appliance immediately and disposed of appropriately. When replacing the batteries or disposing of the remote control, the batteries must be removed and disposed of in compliance with current legislation as they are harmful to the environment. Never throw batteries into a fire.

Keep batteries away from children.

Children may change batteries only if supervised by an adult.

Remove the batteries if you will not be using the appliance for a long period.

Take appropriate precautions when handling leaking batteries!

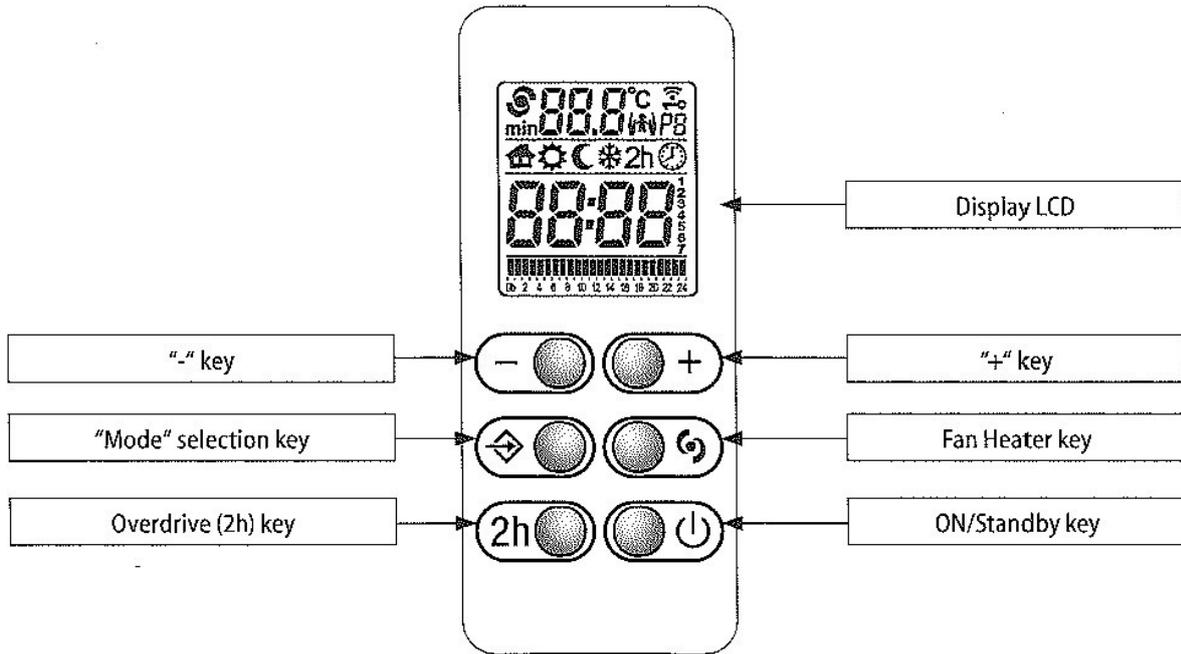
Avoid contact with the skin, eyes and mucous membranes.

If you come into contact with the battery liquid, rinse the parts affected immediately with plenty of water and seek medical advice immediately.

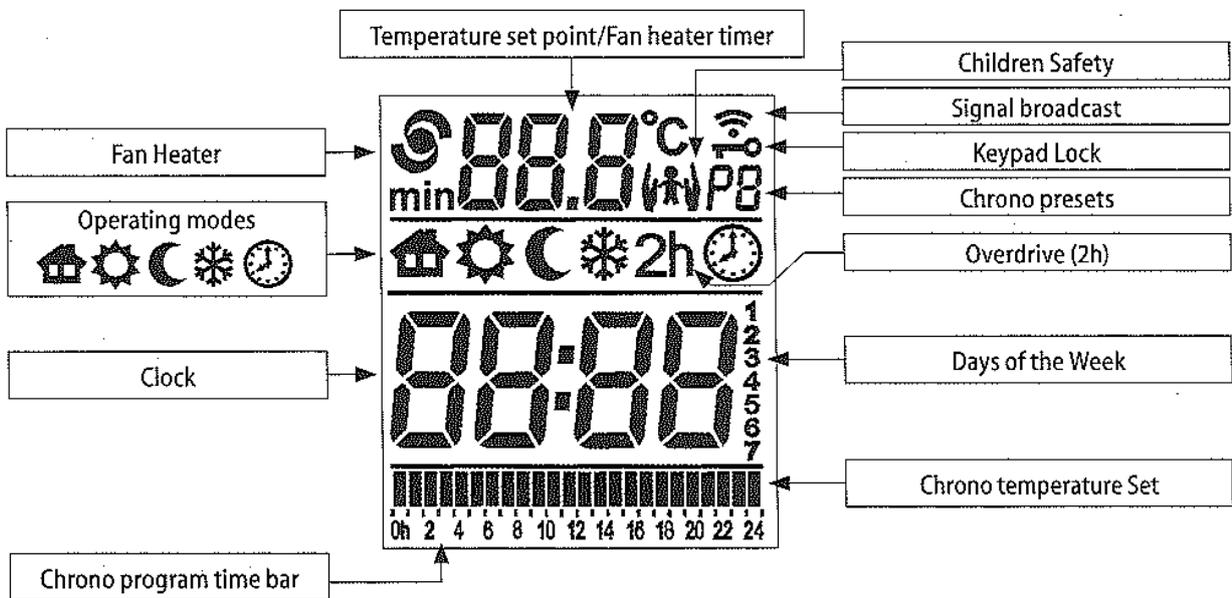
Characteristics:

Size	100 x 42 x 20,5mm
Power Supply	"AAA" LR03 1.5 V alkaline batteries

REMOTE CONTROL



DISPLAY



Signal transmission from the remote control (if supplied) to the appliance.

TUNING ON FOR THE FIRST TIME

After inserting the batteries, set the day of the week and time.

1
2
3
4
5
6
7
8
9
10
11
12

Adjust the day of the week by using the “+” and “-” keys (1=MON, 2=TUE,...7=SUN), then confirm by pressing the “Mode” selection key.

20:30

The hour starts flashing. In the same way, adjust the hour by using the “+” and “-” keys and confirm with “Mode” selection key.

20:30

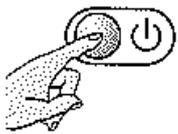
Repeat the same procedure for the minutes.

ON/STANDBY MODE

20:30

In “Standby” mode the current time and day of the week appear on the display.

All the operating modes are suspended (“Pilot Wire” included), but the appliance is powered and waiting for com-



To turn the appliance on or off, press the “Standby” key.

The towel warmer turns on in the previously selected operating mode and emits a beep.

When first using the remote after replacing the batteries, the “Comfort” mode is selected.

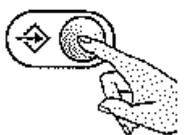
The entry into “Standby” mode is signalled by means of a double beep, the exit from “Standby” mode of means of a long beep.

IMPORTANT: After having pressed the “Standby” button on the control panel, the appliance ignores all orders transmitted by the remote control other than “Standby” and emits a beep to indicate the error.



Compared to the control panel, the remote control offers the possibility to only activate certain operating modes and functions.

OPERATING MODES



The appliance provides 5 operating modes which allow the user to heat the environment in the most suitable way with respect to his needs.

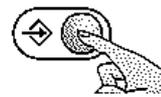
Press the “Mode” selection key to select the desired operating mode. An icon on the LCD will show the selected operating mode.

	Pilot Wire		Comfort
	Night/Eco		Anti-Freeze
	Chrono		

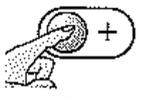
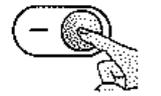
CHRONO

In “Chrono” mode, you can select one of the three pre-set chrono-thermostat programs or the custom program. The latter lets you set various temperatures (“Comfort” and “Night/Eco”) over a 24 hour period for each day of the week.

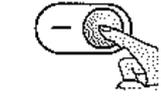
CHOICE OF PROGRAM



Press the “Mode” key until the icon  is displayed. Then press the “Mode” and “-” keys together and hold them both down for at least 3 seconds.



The program code (P1, P2, P3 and P4) flashes. Press the “+” and “-” keys to set the program. Press the “Mode” key to confirm.



PROGRAM P1	HOURS	MODE
FROM MONDAY TO FRIDAY	0 - 6	Night/Eco
	6 - 9	Comfort
	9 - 16	Night/Eco
	16 - 23	Comfort
	23 - 0	Night/Eco
SATURDAY AND SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

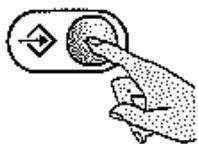
PROGRAM P2	HOURS	MODE
FROM MONDAY TO SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

PROGRAM P3	HOURS	MODE
FROM MONDAY TO FRIDAY	0 - 6	Night/Eco
	6 - 9	Comfort
	9 - 13	Night/Eco
	13 - 23	Comfort
	23 - 0	Night/Eco
SATURDAY AND SUNDAY	0 - 7	Night/Eco
	7 - 23	Comfort
	23 - 0	Night/Eco

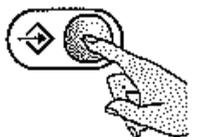
PROGRAM P4 - CUSTOM

With the "P4" program, you can set different temperatures ("Comfort" and "Night/Eco") over a 24 hour period for each day of the week.

SETTING THE CURRENT DAY AND TIME



Before setting the custom programme, make sure the time and day of the week are set correctly. If this is not the case, press "Mode" key until the icon  is displayed.



Then press the "Mode" key again and hold it down until the number indicating the day flashes.

1
2
3
4
5
6
7

Adjust the day of the week by using the "+" and "-" keys (1=MON, 2=TUE,...7=SUN), then confirm by pressing the "Mode" selection key.

20:30

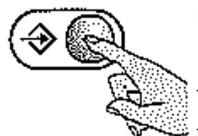
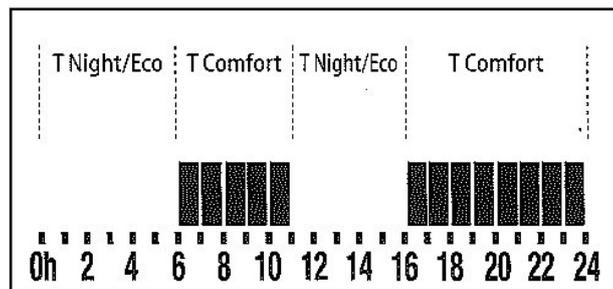
The hour starts flashing. In the same way, adjust the hour by using the "+" and "-" keys and confirm with "Mode" selection key.

20:30

Repeat the same procedure for the minutes.

SETTING THE PROGRAM

Now an hourly sequence can be set for each day. Start with the first day. Choose by means of the "+" and "-" keys, for each hour, between the "Comfort" temperature (full bar) and the "Night/Eco" temperature (empty bar).



Press the "Mode" key to confirm and repeat the same procedure for each day of the week. The weekly program is now set, the appliance emits an acoustic signal for confirmation.

FUNCTIONS

The appliance has a number of special functions to customise and optimise use.

ASC

The "ASC" function cannot be activated or deactivated on the remote control (see Ch.4.3.1).

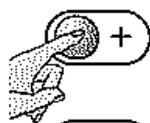
OPEN WINDOW

The "Open Window" function cannot be activated or deactivated on the remote control (see Ch.4.3.2).

HOLIDAY

The "Holiday" function cannot be activated or deactivated on the remote control (see Ch.4.3.5).

CHILDREN SAFETY



To activate the function, press the "+" and "-" keys together and hold them both down until the icon  appears on the display.



To deactivate the function, repeat the same operation.

"Children Safety" can be activated in all operating modes, including "Overdrive (2h)". The function cannot be activated when the appliance is in "Standby."

OVERDRIVE (2h)

The "Overdrive (2h)" can be used to heat the room quickly.



Press the "2h" key to start the "Overdrive (2h)." The function cannot be activated when the appliance is in "Standby."

The temperature set point disappears from the display of the remote control.

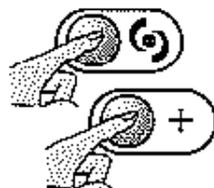
The appliance heats at the maximum power for 2 hours, independently from the temperature setting.

To deactivate the "Overdrive (2h)" function at any time, press the "2h" key again, the "Mode" key or the "Standby" key.

The "Overdrive (2h)" is set to stop automatically after 2 hours anyways.

DISABLE DISPLAY BACKLIGHTING

The display backlighting can be disabled if not required.

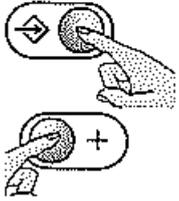


To disable the backlighting, press the  and "+" buttons together and hold them down until "LED off" is shown on the remote control display.

To enable backlighting again, repeat the same operation. "LED ON" will be shown on the remote control display.

KEYPAD LOCK

It is possible to lock the remote control keypad to avoid accidental modifications.



To activate the function, press the "Mode" and "+" keys together and hold them both down until the icon  appears on display.

To unlock the keypad, press the same two keys together as before.

To "Keypad Lock" icon will no longer appear on the LCD.



IMPORTANT:

The "Keypad Lock" function does not inhibit the "Standby" key. This is therefore always active, even when the "Keypad Lock" function is enabled.

FAN HEATER

The "Fan" function is only available for appliances fitted with fan heater.

It is not available on this product. If the "Fan Heater" is pressed, the appliance confirms the command reception but it does not modify its current state.



WARNING:

If the batteries are flat, the "batt" warning appears on the display of the remote control.

IMPORTANT: In the case of power down due to a black-out, all the current settings are kept in memory for about 4 hours. At recovery from power down after 4 hours, the appliance goes to the previously selected operating mode, losing the hour and day of the week.

If the power down happens when the appliance is in "Chrono" mode, when the date and time data have been lost, the appliance will restart in "Energy Saving" mode.

The user settings will be restored as soon as the first command (if provided) is sent from the RCU.

IMPORTANT: If the appliance remains without power while the "2h Override" function is enabled, the time remaining until the end of the two hour period is retained for about four hours. After this time, when power is restored the date and time settings are lost. The appliance exits the function and operates in the mode selected previously.

IMPORTANT: In case of power down while the "Holiday" function is enabled, when restored, the function remains active and the countdown of days to the end of the holiday resumes from the moment of its stop.

IMPORTANT: In case of power down while the "ASC" function is enabled, when restored, the function remains active but a few days will be required for it to become fully operational.

5. CLEANING



Before cleaning, make sure the appliance is turned off, cold and disconnected from the household mains.



To clean, just wipe with a soft damp cloth and neutral detergent. Never use abrasive or corrosive cleaning products or solvents.



To maintain efficiency, remove the dust from the surface and inside of the appliance at least twice a year using a vacuum cleaner.

6. MAINTENANCE



Should any technical problems arise, contact a qualified professional (recognised or authorised by the dealer or manufacturer) or your local dealer.



All operations on the appliance must be carried out by a qualified professional who before performing maintenance must make sure the appliance is turned off, cold and disconnected from the household mains.



The appliance contains a precise quantity of special fluid. All repairs requiring the appliance to be opened must be performed by a qualified professional.

In the event of fluid leaks, contact your local dealer or a qualified professional.

7. TROUBLESHOOTING

<p>The appliance does not heat up.</p>	<ul style="list-style-type: none"> • Check if the appliance is correctly connected to the mains power grid and powered. • Check the position of the mains switch of the installation. • Increase the temperature set point on the appliance regulator. • Make sure there are no garments covering the control device or temperature sensor. • Disconnect the appliance from the household mains for a few minutes to reset the electronic system. • If it still does not heat up, contact your local dealer or a qualified professional.
<p>The appliance heats continuously.</p>	<ul style="list-style-type: none"> • Reduce the temperature set point on the appliance regulator. • Make sure the (Overdrive (2h)) function has not been activated accidentally. • Make sure there are no garments covering the control device or temperature sensor. • If it continues to heat, contact your local dealer or a qualified professional.
<p>The room stays cold.</p>	<ul style="list-style-type: none"> • Make sure the power of the appliance is adequate for the room to be heated. • If the appliance is being used for the first time, the room takes at least a couple of hours to heat to the required temperature (setting the radiator to maximum does not raise the temperature more quickly).
<p>Leaks of the liquid in the appliance.</p>	<ul style="list-style-type: none"> • Turn the appliance off and contact your local dealer. • Dry the fluid using rags or absorbent material. Keep children and pets away from the liquid.
<p>The appliance does not respond correctly to orders received from the Pilot Wire control unit.</p>	<ul style="list-style-type: none"> • Disconnect the appliance from the mains power supply (switch off the mains switch by moving it in the "O" position). Make sure the connection is correct (Fig. 8) and the control unit is functioning correctly. • Contact a qualified professional.
<p>The appliance keeps on heating despite the window is open and the "Open Window" function is active.</p>	<ul style="list-style-type: none"> • It may be necessary to wait a few minutes before the function starts opening. • The difference between the outside and inside temperature may not be sufficient to activate the function. • Check that the positioning of the appliance comply with the requirements referred to in ch. 4.3.2 of this booklet. • Check that the area around the appliance command is free of any obstacles. • If the problem persists, contact your dealer or qualified professional.
<p>The appliance does not resume heating after the window is closed and the "Open Window" function is active.</p>	<ul style="list-style-type: none"> • It may be necessary to wait a few minutes before the sensor detects the window closing. • Check that the area around the appliance command is free of any obstacles. • Deactivate and activate the function again. • Should the response time of the function be too long, you can always start the appliance manually. • If the problem persists, contact your dealer or qualified professional.
<p>The display shows "ALL."</p>	<ul style="list-style-type: none"> • The temperature sensor is malfunctioning . Turn off the appliance and contact your dealer.

8. GUARANTEE



You are recommended to keep all parts of the packaging in case the appliance needs to be returned to the dealer. The appliance must arrive complete and undamaged in order to maintain the validity of the guarantee.

The manufacturer guarantees customers all the rights specified in European Directive 1999/44/EC and the consumer rights recognised by national legislation.

The guarantee specifically covers all non-conformities and production defects present at the moment of sale or becoming evident within two years from the date of purchase and give the customer the right to free repair of the defective product or replacement should repair be impossible.

The above rights are invalidated in the following cases;

- Defects caused by uses other than those specified in the instructions, which are an integral part of the sales contract;
- Defects caused by accidental breakage, negligence or tampering.

Operations involved in installation, connection to the household mains and maintenance described in these instructions are not covered by the guarantee.

The manufacturer declines all liability for damage or injury caused directly or indirectly to people, objects or pets as a result of failure to apply these instructions, with particular reference to warnings regarding installation, start-up and use of the product.

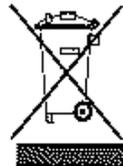
To claim the above rights, the customer must contact his/her dealer and present a valid proof of purchase issued by the seller, complete with date of purchase.

9. DISPOSAL



Make sure the power cable is disconnected from the power line before performing any operations. To remove the appliance, follow the procedure for fixing to the wall in reverse (Page. 257).

Disposal of this appliance and the fluid contained inside the towel warmer must be carried out in accordance with the legislation in force for the disposal and management of waste.



Important information for correct disposal of the product in accordance with EC Directive 2012/19/EC.

At the end of its working life, the product must not be disposed of as urban waste.

It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

This appliance complies with European Directives:

2014/30/EU on electromagnetic compatibility

2014/35/EU on low wattage

2011/65/EU on restriction of the use of certain hazardous substances

2009/125/EC on eco-design requirements



ELECTRICAL CONNECTIONS WITH PLUG

READ CAREFULLY

Before plugging into the mains socket, make sure that the voltage of your mains power supply matches the V value reported on the rating plate of the appliance and that the socket and power line are appropriate for the required load (also reported on the rating plate).

Make sure that the power line is fitted with a disconnecting switch allowing the appliance to be disconnected completely from the household mains, in accordance with the regulation in force.

The power line must be fitted at least with a 30 mA RCD (high sensitivity residual current protection device).

All the references about the "Pilot Wire" (Fil Pilote) mode and related wiring present in the instruction manual must be ignored, since operating mode is not available on this product.