

RADIO WAVE WEEKLY PROGRAMMABLE THERMOSTAT



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Introduction

The CH150RF/151RF/152RF programmable thermostat measures the ambient temperature and controls the heating (conditioning) system through a radio connection with an actuator. A humidistat can also be driven. The operating mode can be either chosen from among the preset ones or customized to one's own needs. The large display shows the temperature profile – i.e. the relationship between the time table and the temperature to be kept – as well as the measured temperature, relative humidity, calculated perceived temperature, time and day of the week.

The programmable thermostat is battery powered. Both the settings and the data are stored in a non-volatile memory capable of keeping them even when the batteries are down.

The following external interfaces are available for the CH150RF programmable thermostat:

- · Radio actuator
- Separate temperature probe
- Telephone actuator for fixed telephone lines, which makes it possible to perform remote control through the DTMF keypad (multi-tone)

 Telephone actuator with GSM modem, used for remote control by means of SMS messages.

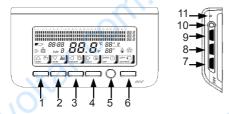
Both telephone actuators allow you to:

- remotely interrogate the programmable thermostat, to be informed about the ambient temperature or the heating / cooling system status;
- remotely manage the programmable thermostat operating modes.

The programmable thermostat comes in three colours: white, silver (CH151RF series) and anthracite black (CH152RF series).

Controls and indications

Controls



- 1. Button used to select the "Manual" operating mode or increase a value (**\(\Lambda \)**) *
- 2. Button used to select the "Automatic" operating mode or decrease a value (▼) *
- Button used to select the "Holiday" operating mode or go back to the previous data item (◄) *
- 4. Button used to select the "Jolly" operating mode or go to the next data item (▶) *
- 5. Button used for the "OFF" or "Enter" functions *
- 6. Button used for the "Programming" or "Copy" or "Statistical data displaying" functions *

- Rotary selector for temperature correction:
 Manual temperature, Jolly temperature, and
- Antifreeze temperature *
- 8. Rotary selector for correcting temperature T2 or the Jolly operating mode duration *
- 9. Rotary selector for correcting temperature T3 or the Jolly operating mode duration
- 10. Summer/Winter switching button
- 11. Programmable thermostat reset button
- * The function associated with the button or selector depends on the current operating mode. It is highlighted by the icon placed above.

Indications



- 1. Time
- 2. Temperature profile
- 3. Temperature value T1 or "Jolly" operating mode duration (days)
- 4. Temperature value T2 or "Jolly" operating mode duration (hours)
- 5. Temperature value T3
- 6. System ON in Summer operation
- 7. System ON in Winter operation
- 8. Relative humidity percentage
- Perceived temperature (displayed by the degree)
- 10. Ambient/external temperature
- 11. Current day (1 = Monday ... 7 = Sunday;
- 8 = Holiday)
- 12. Winter operation
- 13. Summer operation
- 14. Battery charge level15. Humidistat enable
- 16. Humidistat ON

User manual

To operate the programmable thermostat after it has been installed, proceed as follows:

- 1. Set the date and time.
- 2. Select the Summer/Winter operation.
- 3. Select the operating mode.

Setting the date and time

To set the current time and date, proceed as follows:

1. Enter the programming menu main page. The operating mode currently used will be interrupted temporarily. Choose the time setting function.





2. Modify the hour setting by means of the ▲ and ▼ buttons, then go to the minute setting by means of the ▶ button.









4. Modify the day setting by means of the \blacktriangle button, then press ENTER to go back to the main page of the programming menu.





Press ENTER again to exit the programming menu. The programmable thermostat operating mode previously interrupted will be resumed.





Summer/Winter selection



To shift from the Summer operation (heating system) to the Summer operation (cooling system), and vice versa, keep the Summer/Winter button depressed for at least 4 seconds. The selected operation will be shown on the display by means of the "Winter" or "Summer" icons



Summer

Operating modes

The CH150/151/152 programmable thermostat features four different operating modes: Manual, Automatic, Holiday and Jolly (in addition to the OFF function).

"Manual" operating mode

With the Manual operating mode, the programmable thermostat adjusts the operation of the heating or cooling system in order to always keep the same temperature. To select "Manual", press MAN.





The temperature level can be modified during operation by means of the lower rotary selector located on the right side of the programmable thermostat. The temperature can be changed from 2°C to 40 °C by 0.1°C increments.







"Automatic" operating mode

With the "Automatic" operating mode, the programmable thermostat adjusts the operation of the heating or cooling system by following the profiles defined for the various days of the week. To select "Automatic", press AUTO.





The three temperature levels used can be modified during operation by means of the rotary selectors located on the right side of the programmable thermostat.

Temperature T3 cannot be lower than temperature T2 or higher than 40 °C.

During Summer operation, **temperature T3** features an upper limit of 30°C. When this value is exceeded, T3 will take the OFF value, which will involve switching the system off.



Temperature T2 cannot be higher than temperature T3 or lower than temperature T1.



Temperature T1 cannot be higher than temperature T2 or lower than 2 °C.



If no customization has been made, the automatic operating mode will function with the stored temperature profiles, i.e. the preset ones (refer to «Preset programs»). To customize the profiles, refer to «Programmable thermostat programming».

"Holiday" operating mode

With the "Holiday" operating mode, the CH150 programmable thermostat CH150 adjusts the operation of the heating or cooling system by following one single temperature profile, which is valid for all days. To select "Holiday", press HOLIDAY.





To modify the temperature levels, refer to the description of the "Automatic" operating mode.

When the preset programs are used (refer to «Preset programs»), the "Holiday" mode will follow the profile envisaged for Saturdays and Sundays. To create a customized "Holiday" program, refer to «Programmable thermostat programming».

"Jolly" operating mode "Jolly" operating mode

With the "Jolly" operating mode, the CH150 programmable thermostat interrupts the current operating mode and adjusts the operation of the heating or cooling system to keep the "Jolly" temperature during the entire time set (1 hour to 99 days and 23 hours, by 1 hour increments). After this time — which is displayed like a countdown — has elapsed, the previous operation of the programmable thermostat will be resumed. To select "Jolly", press JOLLY.

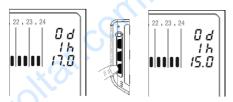




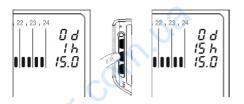
The "Jolly" temperature value and the operating mode duration can be modified by means of the rotary selectors located on the right side of the programmable thermostat.

Use the lower rotary selector to modify the temperature level.

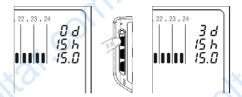
The temperature can be modified from 2°C to 40 °C, by 0.1 °C increments.



To set the "Jolly" operating mode duration, i.e. hours («h»), use the central rotary selector. The hours can range from 0 to 23.



To set the "Jolly" operating mode duration, i.e. days («d»), use the upper rotary selector. The days can range from 0 to 99.



You can interrupt the "Jolly" mode at any time, by selecting any other operating mode.

The "Jolly" operating mode can be used, for instance, to:

- save energy by lowering the temperature when the house is not inhabited at the weekends or winter vacation, while being sure that a comfortable temperature will exist when the house is inhabited again);
- extend the night heating or cooling beyond the usual time, i.e. when you stay up in the company of your guests.

"OFF" function

The "OFF" function can be activated by pressing OFF.

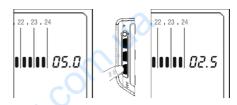
Winter operation





The programmable thermostat adjusts the operation of the heating system to keep the "Antifreeze" temperature, in order to reduce the energy consumption and, at the same time, avoid any damage caused by extremely low temperatures.

The "Antifreeze" temperature can be modified from 2°C to 7°C (by 0.1°C increments), by using the lower rotary selector. If a temperature of less than 2°C is set, the system will be fully turned off and the antifreeze protection will be lost



Summer operation





The system will be fully turned off and the "OFF" message will appear on the display, without any temperature profile.

Preset programs

The CH150 programmable thermostat features two preset programs (i.e. "Winter" and "Summer") for quicker start-up.

"Winter" program - working days (Mondays through Fridays)

"Winter" program – public holidays (Saturdays, Sundays and "Holiday" program)

"Summer" program (All days of the week, plus "Holiday" program)



Programmable thermostat programming You can customize the temperature profiles for the "Automatic" and "Holiday" operating modes, so as to adapt them to your own needs. To set new temperature profiles, proceed as follows:

1. Enter the programming menu main page. The operating mode currently used will be interrupted temporarily. Choose the temperature profile customization function.





2. The Monday profile (DAY 1) for "Winter" operation (icon) will be displayed. Use the ◀ and ▶ buttons to move the bar chart blinking segment to the time at which the temperature is to be modified. Each segment equals half an hour. To modify the "Summer" operation profile (icon) press the "Summer/Winter" button on the left side of the programmable thermostat.





3. Use the ▲ and ▼ buttons to modify the temperature level (T1, T2 or T3).





4. To directly duplicate the temperature profile by going to the next day, press COPY (to customize every single day separately, refer to step 5 below).





5.Press ENTER to go to the next day, then repeat the operations described starting from step 2 for the other days of the week (the "Holiday" profile will be indicated as DAY 8). To go back to the programming menu main page, use the ENTER button to scroll through the eight days or keep the ENTER button depressed for 3 seconds.

If no button is pressed within the next three minutes, the programmable thermostat operating mode previously used will be resumed.

Preset parameter reset

To resume the preset temperature profiles and values (T1-T2-T3-Temperature used with the Manual mode, Temperature used with the Jolly mode, Antifreeze temperature, OFF function), keep the ▲ and ▼ buttons depressed simultaneously when you are in the temperature profile programming mode.

Displaying the temperature detected by the separate probe

To display the temperature detected by the separate probe (only if the latter has been configured as an external probe or floor-mounted probe), the programmable thermostat must be configured (refer to <<pre>configured (refer to <<pre>programmable thermostat configuration>>) and the probe must be connected.

To display the temperature value read by the separate probe, press the button of the operating mode currently used (the temperature will blink). To display again the temperature detected by the programmable thermostat, press again the button of the operating mode currently used (the temperature will not blink any longer).

Statistical data

The CH150 programmable thermostat provides a set of statistical data concerning the system operation. To access this data, proceed as follows:

1. Enter the programming menu main page. The operating mode currently used will be interrupted temporarily. Choose the statistical data function.





2. Page 1: number of hours during which the system was operated on the previous day (6 hours in the image). Use the ▶ button to go to the next page.



3. Page 2: total number of hours during which the system has been switched on and operating since its first start-up (16 hours in the image).



Use the ▶ button to go to the next page.

Press the ▲ and ▼ buttons simultaneously to reset the total system switch-on hours.

4.Page 3: minimum temperature reached on the current day, and time at which such minimum temperature was reached (15.8°C at 03.15 a.m. in the image). Use the ▶ button to go to the next page.



5. Page 4: maximum temperature reached on the current day, and time at which such maximum temperature was reached (22.5°C at 09.08 p.m. in the image).



6. Press the ENTER button twice to go back to the operating mode previously used.

Setting the desired humidity level

The CH150RF/151RF/152RF programmable thermostat allows you to actuate a humidistat by setting the desired humidity value. To be able to actuate a humidistat, it is requested that this function will be enabled through the technical menu (refer to the << Programmable thermostat configuration>> chapter). To set the desired humidity value, proceed as follows:

1. Enter the programming menu main page. The operating mode currently used will be interrupted temporarily. Choose the time table setting function.





2. Use the ▶ button to move and highlight the set humidity value.



- 3. Modify this value by pressing the ▲ and ▼ buttons until the desired value is displayed. Press ENTER to go back to the programming menu main page.
- 4. Press ENTER again to exit the programming menu. The programmable thermostat operating mode previously interrupted will be resumed.





Maintenance

The programmable thermostat can be cleaned by using a soft cotton cloth (no detergent must be used).

Replacing the batteries

When the battery charge level starts to read low, the symbol will start blinking on the display. If the batteries are not replaced within 15 days, the programmable thermostat will be automatically turned off and the "OFF" message will appear on the display instead of the temperature. The settings and data are kept in the non-volatile memory.

To remote the programmable thermostat from its socket, proceed as follows:

- remove the telephone actuator jack connector (if any);
- pull the programmable thermostat on its left and right sides, without applying force to the selectors.

If only the "OFF" message appears on the display when the batteries haven been replaced, press the round button [button 5] after the programmable thermostat has been fitted back to the socket.

Important! The standard battery service life is more than 1 year. It is recommended that the batteries should be replaced at the start of the system operation season, to prevent the batteries from running out when you are away from home, e.g. during the summer or Christmas holidays.

The batteries must be properly disposed of in special containers.

Installation

Warning! The unit must be installed only by qualified personnel, in compliance with the law regulations in force.

The programmable thermostat installation involves the following operations:

- · Installing the batteries
- Configuring the programmable thermostat parameters
- Registering the programmable thermostat with the radio actuators
- · Fastening the socket to the wall
- · Making the electric connections
- Securing the programmable thermostat onto the socket.

Installing the batteries

Separate the socket from the programmable thermostat by levering on the slot found at the socket bottom by using a suitable tool. Insert two long-life AA alkaline batteries (1.5 V) into the programmable thermostat rear (observe the correct polarity). After installing the batteries, the programmable thermostat will turn on automatically. Fasten the socket back again, making sure that the multi-pole connector is inserted correctly. The programmable thermostat will click into position.

Configuring the programmable thermostat

Warning! The programmable thermostat must be configured only by qualified personnel.

By configuring the programmable thermostat, the device operation parameters can be customized. To access the configuration program, proceed as follows:

- 1. Press the SET / PROG button [button 6]. The operating mode currently used will be temporarily interrupted and will be automatically resumed at the end of programming.
- Keep the SUMMER / WINTER switching button [button 10] depressed for approximately 5 secs.



Each configuration parameter, which features its own preset settings, is identified on the display by an index and a writing. To modify the parameter values, use the ▲ [button 1] and ▼ [button 2] buttons. To move across the parameters, use the ▶ [button 4] button.

To go back to the initial page of the programming menu, press the ENTER [button 5] button, which will store the modifications into the memory.

If no button is pressed within 3 minutes, the programmable thermostat will exit the configuration program and the operating mode previously used will be resumed, without saving.

To eliminate the modifications made and resume the preset configuration parameter values, keep the ▲ [button 1] and ▼ [button 2] buttons depressed simultaneously for approximately 4 seconds.

In- dex	Parameter	Writing	Values	Preset value
1	Type of con- nected card	COn	rEL/ rAd /	None
2	Heating actuator registration radio control	rF t		
3	Humidity adjust- ment enable	rH	ON/OFF	OFF
3A	Humidification actuator registration radio control	rF rH		
4	Temperature scale	CELS or FHAr	°C/°F	°C
5	Type of adjustment	Std or ProP	Std / ProP	Std
5A	Thermal differential	DIFF	HI / LO	LO
5A	Adjustment band	bAnd	1 °C - 4 °C (step 0.1°C)	2 °C
5B	Adjustment period	PEr	5 / 10 / 20 minutes	10 minutes
6	Separate temperature probe configuration	SEct	/ FLO / In / Out	
6A	Floor temperature limit	tFLO	15 °C – 45 °C	27.0 °C

In- dex	Parameter	Writing	Values	Preset value
7	Ambient tem- perature correction	Corr	-4.0 °C to +4.0 °C	0.0 °C
8	Optimization	OPt	ON/OFF	OFF
8A	Optimization max. duration (hours)	OPtH	1h – 5h	2h
9	Pump antiscuff	Pu	ON/OFF	OFF
10	Software version and radio address	SOFt	xxx	xxx

Type of connected card

The programmable thermostat is capable of verifying whether the socked is connected. If the socket is not connected, the dashes will be displayed; it if is, the "rAd" writing will appear.

Heating system actuator registration radio control

It makes it possible, by pressing the (m) button, to send the actuator registration radio control used for the heating system. Refer to the <<Radio actuator configuration>> chapter for more information.

Humidity adjustment enable

It makes it possible to operate a humidistat in order to humidify an environment until the desired humidity level is reached. Refer to the <<Setting the desired humidity level>> chapter for more information.

Humidification system actuator registration radio control

It makes it possible, by pressing the the button, to send the actuator registration radio control used for the humidification system. Refer to the <-Radio actuator configuration>> chapter

for more information. This menu item will be displayed only if the humidity adjustment has been enabled.

Temperature scale

It selects the scale, i.e. Celsius (centigrade) or Fahrenheit degrees, by means of which all the temperatures will be displayed. In the event that the Fahrenheit scale is used, the temperatures may range from 0.0 to 99.9°F.

Type of adjustment

It selects the temperature adjustment mode: differential (Std) or proportional (ProP). This parameter is used only for heating.

Thermal differential

It sets the thermal differential value to be used when the differential temperature adjustment mode is selected. By properly choosing the differential, on the basis of the thermal inertia of the heating system, continuous switch-on and switch-off will be avoided. It is recommended that the low thermal differential (LO) should be used for the heating systems equipped with radiators, and the high thermal differential (HI) should be used for the systems equipped with fan-coils.

Adjustment band

It sets the adjustment band when the proportional temperature adjustment mode is chosen. Select an appropriate value on the basis of the system's temperature gradient (wide band for very high gradients; narrow band for low gradients).

Adjustment period

It sets the adjustment cycle duration (switchon + switch-off period) when the proportional temperature adjustment mode is chosen. Select 5 minutes for low-inertia systems (fan-coil type), 10 minutes for average-inertia systems (aluminium radiator type) and 20 minutes for high-inertia systems (cast-iron radiator type).

Separate temperature probe configuration A separate temperature probe can be connected to the programmable thermostat: the operation of such probe is determined by this parameter.

• **Probe OFF** (---): the temperature value detected by the probe, even if the latter is connected, will not be used.

- Floor probe (FLO): when the temperature detected by the probe reaches the value set in the Floor temperature limit parameter, the system will be switched off regardless of the temperature detected by the programmable thermostat.
- Ambient probe (In): the system adjustment is based on the temperature value detected by the separate probe. This temperature will be shown on the display in place of the one detected by the probe inside the programmable thermostat. The separate ambient probe will be used only when the programmable thermostat is necessarily situated in a different ambient from the one the temperature of which is to be checked.
- External probe (Out): it will not affect the system adjustment and will be used to merely know an extra temperature value, e.g. the external temperature.

Floor temperature limit

It sets the temperature limit value read by the separate probe which turns the system off

when the floor probe is used (for the floor heating systems).

Ambient temperature correction

It makes it possible to sum/subtract an offset value to/from the temperature value measured by the programmable thermostat.

Optimization

It calculates the spark lead required to reach the desired temperature at the established time, considering the system's thermal inertia. The optimization takes place only on the first switch-on instance of the day, i.e. on the first programmed passage from a temperature to a higher one.

Optimization maximum duration

It sets the maximum duration (hours) of the preliminary ignition calculated by the optimization.

Pump antiscuff

It turns the system on for 1 minute every day (h 23.58) by making the water circulating pump to run, in order to prevent pump seizing. This takes place only if the system has never been

turned on during the day.

Software revision and radio address

It displays the software revision for the unit in which the ambient temperature is usually indicated, and also the radio address in which the three temperature T3, T2 and T1 are usually displayed. By pressing the ▲ and ▼ buttons simultaneously for more than 4 seconds, you can change the programmable thermostat radio address. Following this procedure, the radio actuators previously registered shall be configured again (refer to the <<Actuator registration>> chapter).

Actuator registration

Prior to starting up the system, the radio actuators shall be registered to the CH150RF, CH151RF, CH152RF programmable thermostat. To avoid memorizing a code belonging to another programmable thermostat, the reception sensitivity during the configuration procedure is reduced; therefore, the programmable thermostat and the actuator should be positioned at a distance of less than 2 m. Moreover, you should verify that the radio socket is

correctly connected with the programmable thermostat (refer to Index 1 of the configuration menu, << Programmable thermostat configuration>> chapter).

Heating system actuator registration:

- 1. Set the actuator to the "system code self-learning" mode (refer to the actuator instruction sheet).
- 2. Send the heating system actuator registration radio control (refer to index 2 of the configuration menu, << Programmable thermostat configuration>> chapter):
- 2A. Press SET / PROG [button 6]. The operating mode currently used will be temporarily interrupted.
- 2B. Keep the SUMMER / WINTER switching button [button 10] depressed for approximately 5 seconds, to display the initial page of the programming menu.
- 2C. Press ► [button 4] to select the second parameter (the "rF t" message will appear on the display; the displayed index will be number 2).
- 2D. Press (m) [button 1] to send the heating system actuator registration radio control. The "rF t" message will blink: verify that the actuator is registered after a few seconds.

- 2E. Press ENTER [button 5] to go back to the initial page of the programming menu; press the same button again to go back to the operating mode currently used.
- Repeat the operations described in steps 1 and 2 in the event that several actuators are used.

Humidification system actuator registration:

- 1. Set the actuator to the "system code self-learning" mode (refer to the actuator instruction sheet).
- Send the humidification system actuator registration radio control (refer to indexes 3 and 3A of the configuration menu, << Programmable thermostat configuration>> chapter):
- 2A. Press SET / PROG [button 6]. The operating mode currently used will be temporarily interrupted.
- 2B. Keep the SUMMER / WINTER switching button [button 10] depressed for approximately 5 seconds, to display the initial page of the programming menu.
- 2C. Press ► [button 4] until you select the third parameter (the "rH" message will appear on the display; the displayed index will be number 3). Verify that humidity adjustment is enabled

- (it must be set to "ON"); otherwise, use the ▲ [button 1] and ▼ [button 2] buttons to enable the same.
- 2D. Press ► [button 4] to display the next parameter (the "rF rH" message will appear on the display; the displayed index will be number 3A).
- 2E. Press (h) [button 1] to send the humidity adjustment system actuator registration radio control. The "rF rH" message will blink: verify that the actuator is registered after a few seconds.
- 2F. Press ENTER [button 5] to go back to the initial page of the programming menu; press the same button again to go back to the operating mode currently used.
- 3. Repeat the operations described in steps 1 and 2 in the event that several actuators are used.

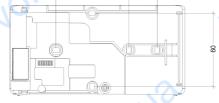
Position the programmable thermostat and the actuators at the chosen positions, then verify that the signal quality is at least acceptable (the actuators integrate a luminous signal to monitor the radio signal quality).

The programmable thermostat will normally

send a radio control every minute. During the normal operation, some radio signals might be lost due to external disturbance: in any case, such disturbance will, provided it does not often occur in time, not affect the correct equipment operation.

Fastening the socket

The programmable stremostat is supplied complete with a socket suitable for fitting both to a wall and to rectangular built-in cases (either of the 3-seat or round types).



Separate the socket from the programmable thermostat by levering on the slot found at the socket bottom by using a suitable tool.

Make sure that the socket is properly secured and is not deformed. Verify that the programmable thermostat connection multi-pole connector is found at the left bottom corner.

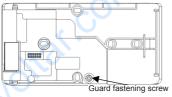
To ensure correct operation of the socket, the latter should be positioned approximately 1.5 m above the floor level, far from heat sources (heating radiators, direct sunshine, etc.), doors and windows.

The distance between the programmable thermostat and the radio actuators shall not exceed 30 m (indoors) and 70 m (outdoors). (N.B. The range data may vary depending on the ambient conditions). Avoid screening the devices by using metal components.

DRILLING CENTRE DISTANCES

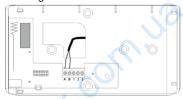
Electric connections

Prior to making the connections, remove the terminal protection guard (the latter shall be kept together with the fastening crossed screw).



Connecting the separate temperature probe

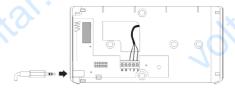
Connect the two separate temperature probe wires with screw clamps A and B, as illustrated in the figure.



Connecting the telephone actuator

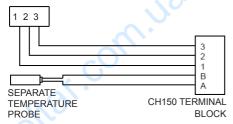
Connect the three telephone actuator wires with screw clamps 1, 2 and 3, as illustrated in the figure.

Alternatively, the actuator can be connected through the 3.5 mm jack connector located on the left side.



After the connections have been made, fit the protection guard back into position.

CTx TERMINAL BLOCK



Securing the programmable thermostat to the socket

Manually press the programmable thermostat to fit the same to the socket, making sure that the multi-pole connector is correctly inserted. The programmable thermostat clicks into position.

Technical features

Power supply	2 AA alkaline batteries (1.5 V)
Battery life	More than 1 year
Inputs	Telephone actuator Separate temperature probe
Electric connections	Screw clamps 3.5 mm two-pole jack connector
Insulation	Double type
Degree of protection	IP20 (pollution degree 2)
Setting memorization	Non-volatile memory
Microdisconnection	1BU
Software	Class A
Temperature adjustment range	2°C – 40°C
Antifreeze temperature adjustment range	2°C – 7°C
Humidity adjustment range	30% – 70%
Relative humidity displaying	20% - 90%
Maximum temperature	T45
Local signalling	LCD display

	Local controls	7 buttons 3 rotary selectors	
	Dimensions (L x H x D)	155 x 91 x 20	
	Separate temperature probe distance	10 m max	
	Reference temperature gradient	4 K/h	
	Radio signal features	868.350 MHz <= 15mW	
	Signal maximum range (*)	30 m (indoors), 70 m (outdoors)	
	CH150RF programmable thermostat device conforms to the following standards: EN 60730-1 and seconds parts R&TTE EN 300 220-3.		
	ErP classification: ErP Class IV; 2% (EU Reg. 811/2013 - 813/2013)		

(*) The range data may vary depending on the ambient conditions.



NOTE NOTE

VOITAL COMPTIAL CONTINUE

VOITAL C 30



DISPOSAL OF PRODUCTS

The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres. The black bar indicates that the product was placed on the market after August 13, 2005. By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health. For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

EH[< €



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