

## INSTALLER'S PARAMETERS

To access to the installation parameters menu, press **OK/I** during 10 s.  
Use **←** and **→** keys to show the parameter to adjust.

Press **OK/I** to toggle the parameter setting or edit the value. If the value starts to blink you can use **+** and **-** keys to adjust this value. Press **+** and **-** keys at the same time to reset this value to the factory default value.

Once you have adjusted the value press **OK/I** to validate this parameter value.

When you have finished, go to « **CrF Init** » parameter and press **OK/I** to go back to the main menu.

Installation parameters:			
name	Description	Default setting	Other possibility
<b>CrF Init</b>	Use this parameter to configure the thermostat with the receiver.		
<b>J0</b>	°C or °F temperature display selection	°C	°F
<b>J1</b>	12h or 24h time display	24h	12h
<b>CH</b>	Numbers of zones installed on your installation	12	Adjustable « 01 » to « 12 »
<b>H.C</b>	Type of installation: <b>Menu:</b> The cold warm change is manually managed by the end user. (On the thermostat) <b>Auto:</b> The cold warm change is managed by the automatic reversible Heat pump. (Special input on the RF Receiver)	Menu	Auto
<b>J2</b>	Select <b>Hot</b> or <b>CoLd</b> to adjust : 🔥 if lit up => adjust the heater parameters. ❄️ if lit up => adjust the cooler parameters.	Hot	CoLd
<b>J5</b>	Anti-lock-braking function of the pump When the pump hasn't worked on a particular day, start it up for one minute each day. (adjustable in 🔥 & ❄️ in Menu position)	Yes	no
<b>J6</b>	Air or Floor temperature regulation selection. (if no Floor sensor, regulation will use Air sensor)	Air	FLor
<b>J7</b>	Selection of regulation type (adjustable in 🔥 & ❄️ in Menu position)	<b>Bp</b> (PWM)	« <b>hyst</b> » static differential of 0.5°C
<b>Cy</b>	Selection of the proportional band duration in minutes (adjustable in 🔥 & ❄️ in Menu position)	<b>15 =&gt;</b> 🔥 Slow system adapted to each heating type <b>30 =&gt;</b> ❄️ adapted to Heat pump control	<u>Heating application :</u> Burner oil « <b>20</b> » Burner gas « <b>10</b> » Actuator « <b>10</b> » Heat pump « <b>20</b> » <u>Cooling application :</u> Heat pump/ Air conditioning « <b>30</b> » Ventilate convector « <b>10</b> »
<b>On</b>	Minimal starting time in minutes (adjustable in 🔥 & ❄️ in Menu position)	<b>2 =&gt;</b> 🔥 <b>4 =&gt;</b> ❄️	Adjustable, 0 to ½ Cy
<b>OF</b>	Minimal resting time between 2 heating cycles in minutes (adjustable in 🔥 & ❄️ in Menu position)	<b>3 =&gt;</b> 🔥 <b>4 =&gt;</b> ❄️	Adjustable, 0 to ½ Cy
<b>bP</b>	Value of the proportional band (PWM) (adjustable in 🔥 & ❄️ in Menu position)	<b>2.0°C =&gt;</b> 🔥 <b>4.0°C =&gt;</b> ❄️	Adjustable 1°C to 6°C A well insulated house 1.5°C In case of your house has not a good insulation increase this value.
<b>Ao</b>	Air sensor offset adjustment. Display measured Air sensor value.	<b>No offset</b>	Adjustable +/- 12°C
<b>Fo</b>	Floor sensor offset adjustment. Display measured Floor sensor value.	<b>No offset</b>	Adjustable +/- 12°C
<b>FL</b>	Floor temperature LOW limitation, Effective only if floor sensor present. (adjustable in 🔥 & ❄️ in Menu position)	<b>18°C =&gt;</b> 🔥 <b>18°C =&gt;</b> ❄️	Adjustable 5,0 °C to FH
<b>FH</b>	Floor temperature HIGH limitation, Effective only if floor sensor present. (adjustable in 🔥 & ❄️ in Menu position)	<b>28°C =&gt;</b> 🔥 <b>37°C =&gt;</b> ❄️	Adjustable FL to 37°C
<b>GAP</b>	Value of the dead zones (only for "Mod Auto")	<b>4,0°C</b>	Adjustable 0,2°C to 25 °C
<b>dLY</b>	Time delay between the Heat and Cold commutation in minutes (only for "Mod Auto")	<b>60</b>	Adjustable 1 to 240 min
<b>CLr</b>	Press <b>OK/I</b> during 5sec to reset your thermostat, all parameter will reload with default values.		

## USER GUIDE

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### HUMIDITY THERMOSTAT & ZONES PROGRAMMER

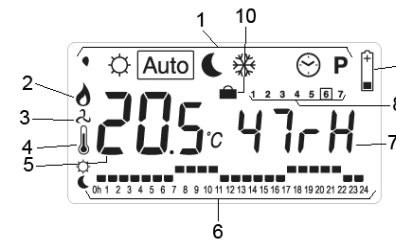


- Weekly and 12 zones programmer.
- Permanent memory storage
- Regulation by internal or external probe in option.
- Heating, Cooling and humidity control.

### TECHNICAL CHARACTERISTICS

<b>Measuring accuracy</b>	0.1°C
<b>Operating temperature</b>	0°C - 50°C
<b>Ambient temperature range</b>	5° C – 37° C in steps of 0.5° C
<b>Regulation characteristics</b>	Integral proportional band (PWM) or Static differential.
<b>Electrical Protection</b>	Class II - IP30
<b>Feeding and autonomy</b>	3 batteries AA LR06 1.5 V / > 2 years (alkaline batteries)
<b>Radio frequency and certifications</b>	433,92MHz, < 10mW CE. EN 300220-1, EN 301489-1
<b>External probe in option</b>	CTN 10K 3M
<b>Program version</b>	To display the software version press the <b>OK/I</b> during 3sec in anti freeze mode ❄️ "CrF _._"

### DISPLAY



- 1: Function mode.
- 2: Heating mode indicator.
- 3: Cooling mode indicator.
- 4: Ambient temperature indicator.
- 5: Ambient temperature if "4" lit up, current zone or temperature required.
- 6: Weekly program / Radio frame.
- 7: Humidity level or time.
- 8: Current day of the week.
- 9: Low batteries.
- 10: Holiday mode.

### OPERATING MODE DESCRIPTION

Use **←** and **→** keys to change operating mode.



#### Humidity Mode:

Use **+** and **-** to set the maximum humidity value (in relative humidity percent) of your room. The humidity drier output will be switch on when the current humidity is above this value. This output is controlled only in cooling mode "Mod COOL" or "Mod AUTO" in cooling.



### Comfort Mode:

Use this mode to set your installation indefinitely in Comfort mode.

The room temperature and the humidity level are displayed all the time. If you press you can see the setting temperature and actual time.

You can adjust the comfort temperature for this zone with and keys. (Default setting 21°C)  
Every others zones will follow there thermostat setting temperature.



### Automatic Mode:

In this mode your installation follows the program assigned for each zone. Press to see the program followed of the current zone,

The room temperature and the humidity level are displayed all the time. If you press you can see the actual time and the graphic programme for the selected zone. To see others zones use and keys.



### Reduce Mode:

Use this mode to put your installation indefinitely in reduce mode.

The room temperature and the humidity level are displayed all the time. If you press you can see the delta temperature (difference between the comfort temperature and reduced temperature).

You can adjust the delta temperature (dt) with and keys. (Default setting 4°C)

Every others zones will follow there thermostat setting temperature minus or plus (depending of your choice on the receiver) the dt

Example for one zone =>comfort temp. 22°C +/- dt (4°C) = the reduced temperature for this zone will be 18°C



### Anti-Freeze Mode:

Use this mode to protect your installation against freeze.

The room temperature and the humidity level are displayed all the time. If you press you can see the setting temperature and the time.

You can adjust the anti freeze temperature with and keys. (Default setting 6°C)

Every others zones will follow this setting temperature.



### Holiday Mode:

Use this mode for an absence period. (For your holiday per example)

To access to this mode place your thermostat in Anti-Freeze mode , push the key, the is displayed  
Now you can adjust with and the period duration. (In hours "H" if below 24h then in days "d").

When the period is finish the thermostat will come back automatically in mode.  
If you want to interrupt this period, adjust the duration to "no".

The temperature applied for this duration is the temperature value adjusted in anti-freeze mode .



### Operating Mode (only available if H.C: Menu parameter is activated):

Use to select « **Mod HEAT** » for heating application only (or in winter season with manual reversible Heat and Cold system).

Use to select « **Mod COOL** » for cooling application only (or in summer season with manual reversible Heat and Cold system)

Use to select « **Mod Auto** » for automatic reversible heat and cold system.



### Set Clock Menu:

Use this mode to adjust the clock and day.

Press , to adjust the minute with and keys.

Press , to adjust the hour with and keys.

Press , to adjust the day with and keys.



### Program Menu:

Use this mode to assign or edit a program for each zones of your installation.  
(See the PROGRAM EDITION menu for more explanation)

## PROGRAM EDITION

By pressing key the zone number starts to blink,

With / you can Select The zone or the User program. (See User program edition)

Use / to see the other days of the program

Program number

Shows the daily program

If you select a zone number "01" to "12" and press , you can then select a weekly program to be followed for this zone.

The program numbers start to blink: Use / to select the program.

If you select a built in program "P1" to "P9" or a user program "U1" to "U12", and press , then this program will be followed in mode.

### Built-in programs description

- P1: Morning, Evening & Week-end
- P2: Morning, Midday, Evening & Week-end
- P3: Day & Week-end
- P4: Evening & Week-end
- P5: Morning, Evening (bathroom)

- P6: Morning, Afternoon & Week-end
- P7: 7h - 19h (Office)
- P8: 8h - 19h, Saturday (Shop)
- P9: Week-end (Secondary House)

### User programs edition:

The key sets temperature at the current blinking program hour

The key sets temperature at the current blinking program hour

### 1/ Program editing:

First of all, select a user program (U1 to U12) with and keys. Press , the first cursor of the program graphic starts to blink. Then, you can choose the state of temperature ( or with +/- keys) at the current hour.

Use and keys to slide the blinking cursor position in the day and modify or correct easily the program.

When the displayed day is correct, press to jump to the following day.

When you press on day 7 you return to the top menu. Now your user program will be followed if you select this user program for a zone and put your thermostat in operating mode.

### 2/ Program assigning:

You can also assign a different program at each zone, to do this, select a zone (01 to 12) with and keys, the zone number blinks, then press , now the program number blinks, you can select with and the program which will be followed by the selected zone.

## RADIO CONFIGURATION (Link emitter with the receiver)

In order to configure the RF-thermostat with the receiver,

- the receiver must be in the "RF init" mode (see the receiver leaflet for more explanation)
- Press the key during 5sec to enter the parameters menu.  
When "CrF init" and the graphic appears the thermostat send the radio configuration at the receiver.
- Once the receiver is configured press key to come back in the main menu

**PAY ATTENTION!!!** The thermostat has to be placed near to the receiver for correct configuration.

