






## FUNCTION MODES DESCRIPTION

Use the joystick  to change the mode 


### **Mode BOOST**


Press the joystick  to enter in the BOOST mode.

Use the joystick  to make blink the duration or the temperature.

When the value is blinking use the joystick  to adjust:


- The duration with duration in hours « **Hour** » when it's less than 24 h or in days « **day** ».
- The desired temperature for this duration (adjustable between 5 and 37°C)

To valid your adjustments press the joystick .

To leave the BOOST mode before the end duration, press the  key.


### **Mode COMFORT**


Use this function to set your installation in comfort mode.

Use the joystick  to adjust the setting temperature. (Default setting 21°C)

### **Mode AUTO**

Use this mode so that your installation follows the pilot wire orders

When the thermostat receives an order the logo  appears.

You can check this order by pressing 2 seconds on the joystick .

The title of the order is displayed during 5 seconds on the left of the display, the temperature displayed is the new calculated setting temperature.

#### Orders description:

- 1 => setting temperature – 1°C
- 2 => setting temperature – 2°C
- 4 => setting temperature – 4°C
- OFF => the system is shut OFF
- A\_F => Anti Freeze mode => setting temperature = 7°C

### **Mode REDUCED**


Use this function to set your installation in comfort mode.

Use the joystick  to adjust the setting temperature. (Default setting 17°C)



### **Keyboard lock and unlock function.**

Available in all modes.

To lock the key board, maintains the joystick  pressed and press the  key at the same time, then the symbol “” appears.

To unlock the key board repeat this procedure, (the symbol “” will disappear)

#### Error codes

Error on the External (Floor) sensor => **Err** and  are blinks.  
Error on the internal sensor => **Err** and  are blinks.

## INSTALLER'S AND USER'S PARAMETERS


Your thermostat has 2 advanced menus.


In order to enter a menu, use joystick , and select 



**The first menu is meant for the end user.**


Keep pushing the  key for 5 seconds.


**The second menu is meant for the system installer.**


Keep pushing the joystick  key for 10 seconds or 5sec after the first menu.

Once you have chosen a menu, go to the parameter which you can change by using .

Use the joystick  to modify and confirm by pushing the joystick .

To leave the parameter menu, choose « **End** » and push .

\* Press the  key to reload the parameter value to the factory default value.

Parameters		User's Menu		
numbers	names	Description of the parameter	Works adjustment	Other regulations
01	°C °F	Select a type <sup>100°</sup> on the display	°C	°F
02	CAL Air	Calibration of the internal probe (The calibration must be done after 12H working with the same setting temperature. Check the room temperature with a thermometer and enter the reel value)	Air sensor + 0°C	From -5°C to +5°C
03	CAL Flor	Calibration of the external probe (if connected) (The calibration must be done same as above)	Floor sensor + 0°C	From -5°C to +5°C
09	End	To exit the user's menu The software version is displayed on the bottom		FLUS n x.xx
Parameters		Installer's Menu		
numbers	names	Description of the parameter	Works adjustment	Other regulation
11	SENS	Selection of the sensor for regulation	« Air Only » Room sensor only	« Air Lo » Room sensor with floor limitation (Low limitation) « Air Hi » Room sensor with floor limitation (High limitation) « Air LoHi » Room sensor with floor limitation (High and Low limitation) « Flor Only » Floor sensor only
12	rEGU	Selection of regulation type	« bp » Proportional band	« hyst » Static differential of 0.5°C
13	t Cy	Selection of the proportional band duration in minutes	« 10 »	Electrical Floor heating « 10 » Panel Heater « 10 »
14	t on	Minimal starting time in minutes	« 002 »	Adjustable 0 to 5
15	t off	Minimal resting time between 2 heating cycles in minutes	« 003 »	Adjustable 0 to 5
16	bp	Value of the proportional band in °C	« 4.0 »	Adjustable 1°C to 7°C
17	Load	Value of the connected load in Watts	«1500 »	«500» For Load < 500W «1000» For 500 < Load < 1000W «1500» For 1000 < Load < 1500W «2000» For 1500 < Load < 2000W «2500» For 2000 < Load < 2500W «3000» For 2500 < Load < 3000W «3500» For 3000 < Load < 3500W
18	FL.Li Lo	Lower limit of the floor temperature. Only effective if the external probe is connected and selected.	« 18°C »	From 5°C to « FL.Li » Lo
19	FL.Li Hi	Upper limit of the floor temperature. Only effective if the external probe is connected and selected.	« 28°C »	From « FL.Li » to 37°C Hi
20	ALL reset	This parameter allows you to choose the works adjustments		Keep pressing  during a few seconds
29	End	To exit the installer's menu		

## USER GUIDE

### Flush mounting digital thermostat with 6 orders pilot wire

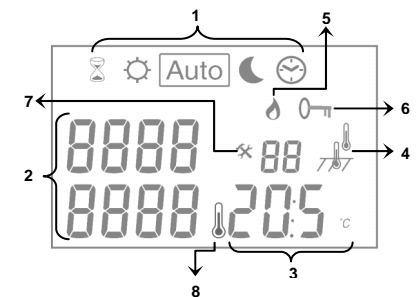


## TECHNICAL CHARACTERISTICS

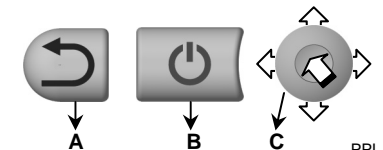
<b>Measuring accuracy</b>	0.1°C
<b>Operating temperature</b>	0°C - 50°C
<b>Setting temperature range</b>	5° C – 37° C by 0.5° C step
<b>Regulation Characteristics</b>	Integral proportional band or Static differential. (adjustable in the installer's menu)
<b>Electrical Protection</b>	Class II - IP21
<b>Color</b>	Polar White RAL 9010
<b>LCD back light</b>	Amber
<b>Main Switch</b>	Two poles 16A
<b>Power supply</b>	230Vac +/- 10% 50Hz
<b>Output</b>	Relay 16A 250Vac resistive load (AC1)
<b>Type of external sensor</b>	CTN 10K 3M
<b>Software version</b>	The version is indicated in the installer menu.

## DISPLAY & KEY

- 1: Operating mode. (The active mode is framed)
- 2: Title of the parameter when "7" is displayed.
- 3: Setting temperature or parameter value when "7" is displayed.
- 4: Type of sensor selected.
- 5: Heating indicator.
- 6: Keyboard locked indicator.
- 7: Installer's or user's menu number.
- 8: Room or floor temperature indicator Only in the user's menu.



- A:** Escape key (to exit the current menu or reload the factory setting value)
- B:** Main switch
- C:** Joystick (To change mode or current value)



**F** Installation

**GB** Installation

**D** Installation

**I** Installazione

**E** Instalación

**P** instalação

**NL** installatie

**FIN** Asennus

**SE** Installation

**N** Installasjon

