



**VERY HOT SURFACE:  
MAY CAUSE BURNS IF TOUCHED**

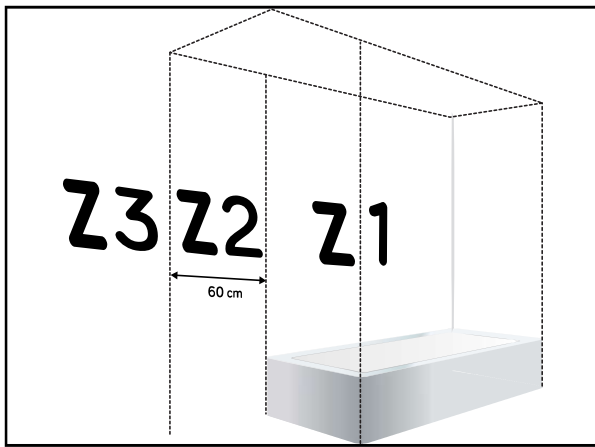
- Special care must be taken if children or vulnerable adults are present;
- Children must be kept away from this appliance unless they are constantly supervised. Children should not play with the appliance. Cleaning and maintenance should not be performed by children;
- This device may only be plugged in or connected by an authorized person, according to valid regulations and rules;
- If the power cable is damaged or too short, it must be replaced by a qualified electrician;
- For any technical information and/or assistance, please contact your retailer/supplier;
- A faint smell, due to production residues, may be detected when the device is turned on for the first time;
- An energy saving system with reduction of power charge may damage the thermostat;
- Do not cover hot surface with fabrics (towels, robes, clothes etc) for a long time because they may fade at high temperatures or transfer colour to the surface of the device and viceversa. This type of fault is not covered by warranty. It is recommended to use appropriate robe hooks;

	<p>Device carrying this symbol must never be disposed of with household waste, but must be collected separately for recycling. At the end of their life, these types of products must be collected and recycled according to local regulations.</p>
	<p>When a device is installed at high altitudes, the air output temperature may increase.</p>

**INSTALLING THE DEVICE**

**1) Where to install**

- This device was designed to be installed in residential premises. In any other case, please contact your supplier;
- Installation must comply with the standards currently enforced in the country of use;
- Install the device within minimum distances from obstacles;
- Do not install the device in a draft likely to affect its control (i.e. air conditioner, etc...);
- Do not install under a fixed socket;
- Do not install shelves above the device;
- This device should be installed so that the lowest heated rail is at least 600 mm above the floor, in order to prevent injuries to very small children;



<b>Z1</b>	No electrical devices
<b>Z2</b>	Electrical devices IPX4 Class2 (Standard EN60335-2-43:2003/A2:2008). Commands not reachable from “Z1”
<b>Z3</b>	Class1 or Class2 electrical devices with commands not in “Z2”

## 2) How to connect

- The device must be supplied with 230V, 50Hz;
- The installation must comply with local national regulations;

## 3) Maintenance

- Switch off the device before any maintenance;
- Twice a year dust off the device to keep it performing at its best. Do not use abrasive products;

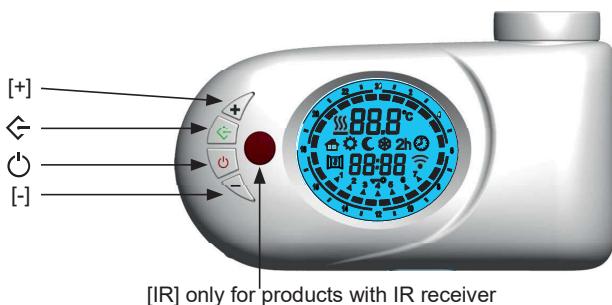
## USING THE DEVICE

The device has five operational modes:

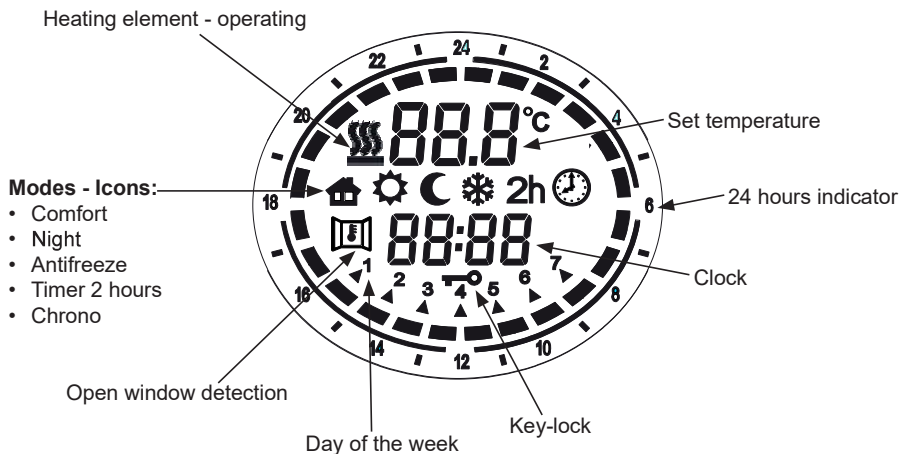
- **“Comfort” - mode:** The thermostat keeps the room at the temperature set by the user;
- **“Night” - mode:** room temperature is maintained lower than the “Comfort” temperature set by the user;
- **“Antifreeze” - mode:** The electronic control keeps the room temperature always over 7 °C;
- **“Timer-2 hours” - mode:** The electronic control powers the heating element at the maximum temperature for 2 hours (regardless of the set temperature) returning, then, to the previous operational mode. For safety reasons, during the 2h mode the room temperature is automatically controlled in order not to exceed 32 °C;
- **“Chrono” - mode:** The electronic control operates according to a day/week program set by the user.
- During the “Stand-by” mode the heating element is not powered and all icons are turned off, however the device is still operating;

## Control box keys

- [+]/[-] keys: Temperature increase/decrease;
- ↺ key: Comfort, Night, Antifreeze, Timer-2 hours, Chrono;
- ⏻ key: Turn on the device or enter the “Stand-by” - mode;
- [IR]: infrared receiver for remote control (Optional);



## Display icons



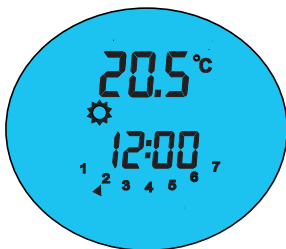
### 1) POWER ON / STAND-BY

Press the key to turn on the device or to enter the “Stand-by” - mode.

When activated, the bottom part of the display shows the current time, while the set operative mode and the temperature are shown in the upper part. When in “Stand-by” - mode, current time, day of the week and message “Stb” are displayed.

**NOTE:** When “Stand-by” - mode is activated, the device beeps twice for 0,5 seconds. When the device is activated it beeps once for 1 second.

Example in  
“Comfort” mode



Example in  
“Stand-by” mode



## 2) "COMFORT" and "NIGHT" - MODES

Two different levels of temperature can be set:

- "COMFORT" temperature: used for "Chrono", and "Comfort" - modes;
- "NIGHT" temperature: used for "Night" and "Chrono" - modes;
- The desired temperature can be set pressing [+] and [-]. Temperature can be set from 7 °C to 32 °C;

### **IMPORTANT!**

The "Night mode" temperature is always lower than the "Comfort" - mode temperature. For this reason, in the "Night" - mode it can range from 7 °C to half degree lower than in the "Comfort" - mode. "Comfort" - mode temperature can be set in the full range: from ("Night" + 0.5 °C) to 32°C.


## 3) OPERATING THE DEVICE

Press ⇐ to select the desired operating mode. An icon on the display will show what selected:

				
Comfort	Night	Antifreeze	Timer 2 hours	Chrono


### **A - "Comfort" - mode**

The "Comfort mode" keeps the room temperature to a selected value.

- Press ⇐ until the  icon appears;
- Set the desired temperature using [+] and [-] and wait until the displayed temperature stops blinking;

### **B - "Night" - mode**

In "Night" - mode, the temperature is set to a lower value than in the "Comfort mode". It is suggested to set this operating mode during the night or when the room is not used for 2 or more hours.

- Press ⇐ until the  icon appears;
- Set the desired temperature using [+] and [-] and wait until the displayed temperature stops blinking;

### **C - "Antifreeze" - mode**


In "Antifreeze" - mode the temperature is fixed to 7 °C. The device activates the heating element when the room temperature goes below 7 °C. It is suggested to set this mode when the room is not used for several days.

- Press ⇐ until the  icon appears;

### **D - "Timer 2 hours" - mode**


The "Timer 2 hours" - mode can be used to speed up warming of the room or towel drying.

- Press  until the **2h** icon appears;

The device is turned on at the maximum power for 2 hours, up to 32 °C. The “Timer 2 hours - mode” is set to turn off automatically after 2 hours and return to the operating mode previously set. If needed, the user can switch to another operating mode at any time by simply pressing .





## E - “Chrono” - mode

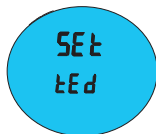
This operating mode allows the user to set different temperatures along the day, “Comfort”/“Night” temperatures and their related time intervals.

- To activate this function, press  until the  icon appears;

## PROGRAMMING THE CHRONO MODE





### a) Setting day and time

- Enter in “Stand-by” - mode and press [-] for at least 3 seconds. On the upper part of the display the message “Set” will appear;
- Choose day and time pressing [+] until the message “TED” appears in the bottom part of the display (see picture on the right);
- Press  to start the editing mode. The blinking arrow indicates the day. Set the current day using [+] and [-] and confirm with . Now the display shows the time to set. Use [+] and [-] to set the correct hour and confirm with . Repeat the same steps for “minutes” and confirm with .




When finished, the thermostat returns to the “Stand-by” mode.

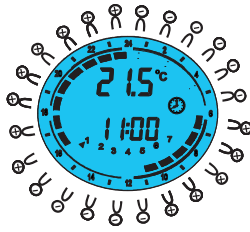
### b) Setting the program for the “Chrono” mode

- Enter in “Stand-by” mode and press [-] until “Set” appears in the upper part of the display;
- To set the time sequence press [+] until “Prog” appears in the bottom part of the display (see picture on the right);
- Press  to start the editing mode. Now a time sequence can be chosen for each day of the week starting with day 1 (bottom arrow indicates day) and hour 00:00. The bars around the display indicating the 24 hours are all black. Starting from 00:00, for each hour, mode must be selected: press [+] for “Comfort”, and [-] for “Night”. In “Comfort” - mode the bar corresponding to the hour remains black, while in “Night” mode it becomes blank. When pressing [+] or [-], the hour switches automatically to the next one. Select desired mode for all 24 hours. Press  to confirm the configuration for day 1: device will switch to the next day suggesting the last configuration chosen. Press  to confirm the suggested configuration or change it following above instructions. Repeat for all 7 days and confirm pressing .








The device will return automatically to “Stand-by” - mode.

**WARNING:** In “Night” - mode the radiator is not completely switched off, unless “Night” temperature is set at the minimum. To be used in “Chrono” - mode, the control must be switched on and  icon must be displayed.




#### **4) KEY-LOCK**


It is possible to lock the keys of the device to avoid accidental modifications of the settings. Press  for 3 seconds to lock all functions except the . The icon  appears on the display. To unlock, press again  for 3 seconds. The icon  disappears.



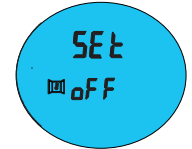
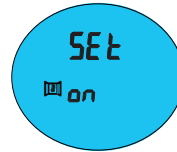
#### **5) "OPEN WINDOW" DETECTION**


The "Open Window" function detects when a window is open due to a sudden decrease of the temperature in the room. In this case, the device will turn off for maximum 30 minutes, after which, or with an increase of the room temperature, the device will start operating again.

- Enter in "Stand-by" - mode;
- Press [+] for 3 seconds;
- Press [+] to activate/deactivate this function;
- Press  to confirm and return to "Stand-by" mode;

When this function is on, the  icon is fixed on the display. When the device detects that the window is potentially opened, the icon starts blinking.

When the function is off the icon is not shown on the display.



**Note:** the device could fail to detect an open window if the thermostat is placed far from drafts, close to a heating source or if the temperature variation in the room is too slow. When the symbol  is on, the heating element is active.

#### **6) RESET THE DEVICE**

To reset the device, it is necessary to unplug it for at least 2 hours.

**The device does not heat**

- Ensure that the device is correctly plugged in;
- Check the temperature in the room;

**The device heats continuously**

- The device may be in a draft or the temperature settings have been changed;
- There may be power surges: unplug the device for approximately 10 minutes and then plug it again. If this occurs often, please have your power supply checked;

**The surface of the device is very hot.**

It is normal for the device to be hot when it is operating; the maximum surface temperature is set according to the current standard. If nevertheless you think your device is too hot, check that the output is suitable for the size of your room (we recommend 50W/m<sup>3</sup>) and that the device is not installed in a draft.

**The last elements, top and bottom, are colder than the rest of the device.**

**IT IS NORMAL: Top elements** are not completely filled to allow the expansion of the thermodynamic fluid. They heat up only by conduction. **Bottom elements** channel the returning fluid after it has transmitted its heat.

**The device does not follow the programming instructions.**

Re-check the steps in the manual.

**IN CASE OF MULFUNCTION**

Contact your supplier who will evaluate if the device can be repaired or must be completely replaced. In both cases the entire device must be returned to the retailer and it must never be tampered with, otherwise the warranty will not be valid. Make sure you save your proof of purchase.



- **The functions of the thermostat may vary depending on the product purchased;**
- **Specifications or contents of this manual may be changed without prior notice due to upgrades or quality improvements of product functions;**

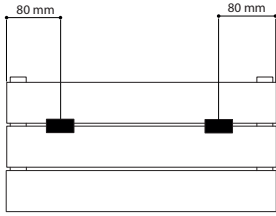
## TECHNICAL INFORMATION

<b>Item</b>	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>
<b>Heat output</b>			
Nominal heat output	P nom	0,3 to 1,0	kW
Minimum heat output (indicative)	P min	0,0	kW
Maximum continuous heat output	P max,c	1,0	kW
<b>Auxiliary electricity consumption</b>			
At nominal heat output	el max	0,000	kW
At minimum heat output	el min	0,000	kW
In standby mode	el sb	0,369	kW
<b>Type of heat output/room temperature control</b>			
<b>Item</b>			<b>Unit</b>
Electronic room temperature control plus week timer			yes
<b>Other control options</b>			
Presence detection			no
Open window detection			yes
With optional remote control (only for products with IR)			yes
Adaptive start control			no
Working time limitation			no
Black bulb sensor			no
<b>Contact details</b>		After sales information	



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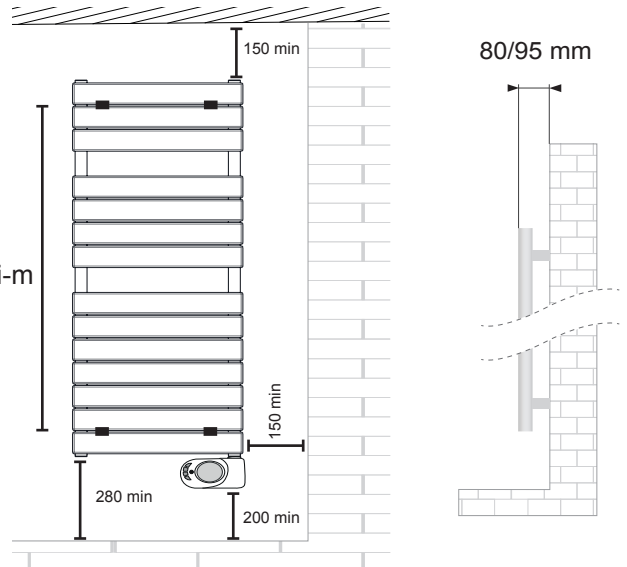
Rev 0 - 12-03-19



VALIDO PER TUTTE LE MISURE  
VALID FOR ALL SIZES  
GÜLTIG FÜR ALLE ABMESSUNGEN  
VALIDE POUR TOUTES DIMENSIONS

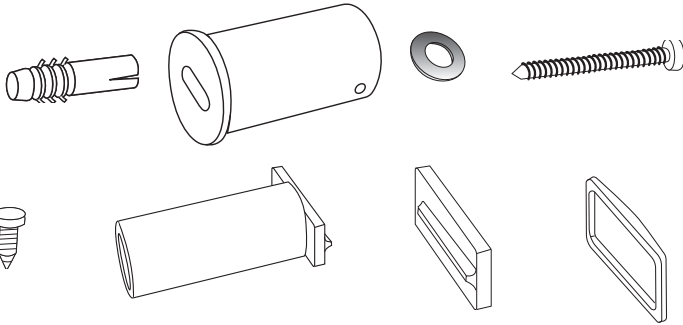
h	i-m
1213	1050
1512	1350

h i-m



DRITTO - STRAIGHT - GERADE - DROITE

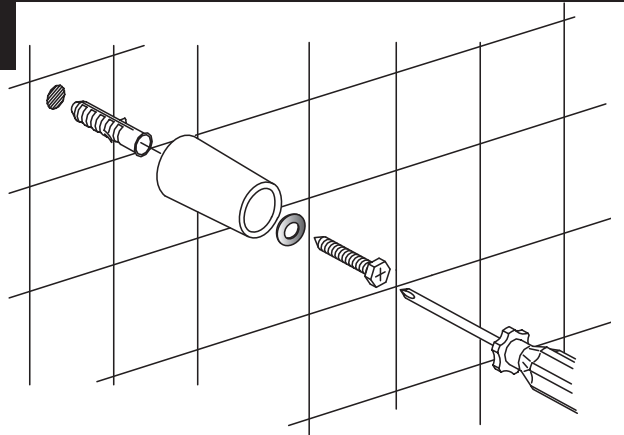
4x



8x

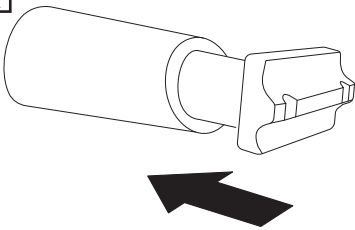


1

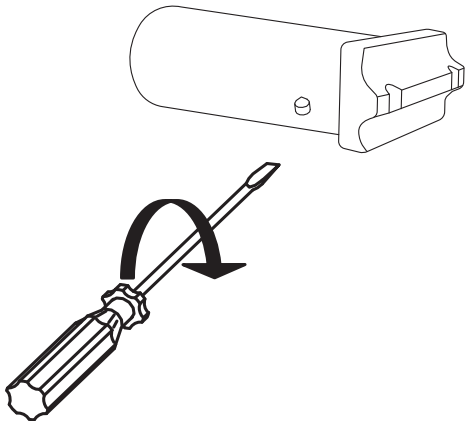


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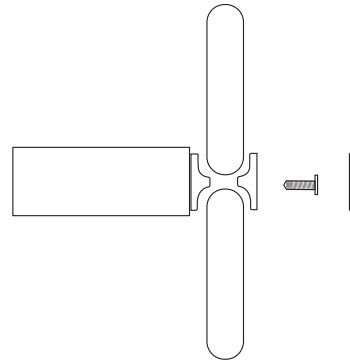
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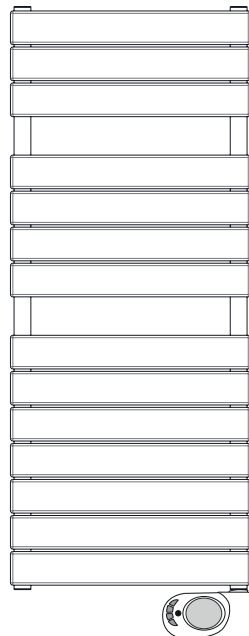
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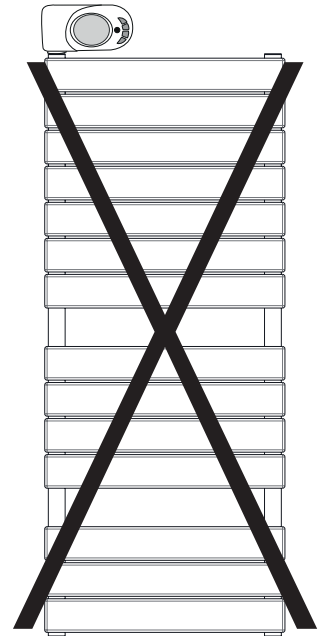
3



OK



NOK





## **AVVERTENZE E SUGGERIMENTI WARNINGS HINWEISE UND EMPFEHLUNGEN MISES EN GARDE ET SUGGESTIONS**

Prima di procedere con l'installazione del prodotto si prega di leggere attentamente le seguenti indicazioni:

1. L'installazione deve essere effettuata solamente da personale specializzato;
2. I tasselli a muro standard inseriti nel kit di mensole, sono adatti per pareti di laterizi o calcestruzzo;
3. Rimuovere con cura l'imballo, per evitare di danneggiare il prodotto;
4. E' vietato mettere in funzione il radiatore senza aver prima rimosso tutto l'imballo;
5. Per prevenire il deterioramento della finitura, la superficie esterna del radiatore non deve essere a contatto con contenitori umidificatori in materiale poroso o corrosivo;
6. La pulizia del radiatore deve essere effettuata solamente con un panno morbido umidificato. Devono essere tassativamente evitati detersivi corrosivi, abrasivi o a base di sostanze acide;
7. L'azienda non risponde per eventuali danni arrecati a persone o cose, dovuti alla mancata osservanza di quanto sopra;

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Before installing the product, please read carefully the following warnings:

1. The installation should be done by qualified technicians only;
2. Brackets kit includes standard wall-plugs suitable for solid walls. Please use suitable fixings for non-solid walls;
3. To prevent damages to the product, carefully remove all packaging;
4. IMPORTANT do not heat-up the radiator without first removing the all packaging;
5. To prevent the deterioration of the finish, do not hang humidifiers made of porous or corrosive materials on the radiator;
6. Clean the radiator with a damp soft cloth. Never use corrosive or abrasive cleaning agents based on acidic substances;
7. The company is not liable for any damage to persons or properties, due to non-compliance of the above;

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Lesen Sie bitte sorgfältig VOR den Produkt-Installationsvorgang folgende Hinweise:

1. Die Installation v. Produkt sollte nur von Fachpersonal durchgeführt werden;
2. Die mitgelieferte Befestigungsdübeln sind f. Mauerwerk u. Betonwand geeignet (also nicht f. Rigips-Wand)
3. HzK. Verpackung sorgfältig entfernen um Oberflächenbeschädigungen am HzK. zu vermeiden
4. Es ist untersagt den HzK. in Betrieb zu setzen solange auch die HzK.-Kunststoffverpackungshülle nicht komplett entfernt worden ist;
5. Um die HzK.-Außenoberfläche zu schonen, bitte die Verwendung v. porösen bzw. potentiell korrodierenden HzK.-Befeuchtungsbehältern vermeiden;
6. Putzpflege: ausschließlich weiche u. etwas getränkte Tücher hierfür verwenden. Putzmitteln welche Scheuermitteln od. Säuren enthalten sind aufgrund v. Lack- u. Material-Korrosionsrisiko streng untersagt !
7. bei Missachtung der o.a. Hinweise, kann der Hersteller im Fall v. Personen- u. Sach-Schaden nicht haftend gemacht werden.

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Avant d'installer le produit il est nécessaire de lire attentivement les indications suivantes :

1. L'installation doit être effectuée uniquement par du personnel spécialisé;
2. Les chevilles pour mur standard incluses dans le kit des attaches, conviennent pour des murs en briques ou en béton;
3. Enlever l'emballage en faisant attention de ne pas endommager le produit;
4. Il est interdit de mettre le radiateur en marche avant de l'avoir entièrement sorti de son emballage;
5. Pour éviter la détérioration des finitions, la surface externe du radiateur ne doit pas se trouver en contact avec des systèmes d'humidification en matériau poreux ou corrosif;
6. Le radiateur doit être nettoyé en utilisant exclusivement un chiffon souple humide. Il est impératif d'éviter d'utiliser des produits détergents corrosifs, abrasifs ou qui contiennent des substances acides;
7. Le fabricant n'est pas responsable d'éventuels dommages causés à des personnes ou à des choses, dus au non-respect des indications ci-dessus ;