

## DBH SET TPT

### TEMPERATUUR MODUS

INSTALLATIE- EN GEBRUIKERSHANDLEIDING  
VERWARMEN OF NIET-CONDENSEREND KOELEN

### TEMPERATURE MODUS

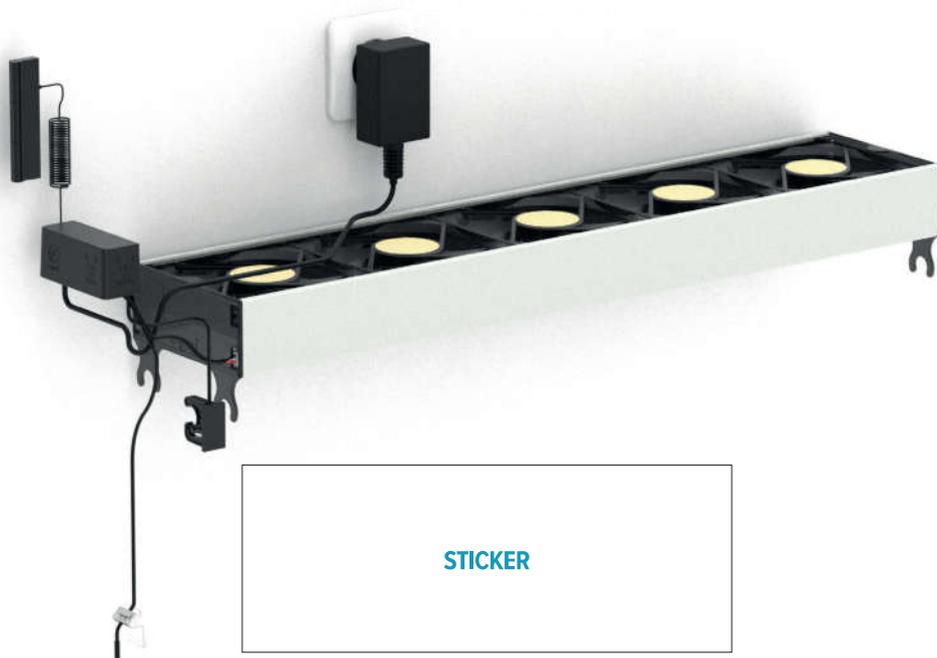
MANUEL D'INSTALLATION ET D'UTILISATION  
CHAUFFER OU REFROIDIR SANS CONDENSATION

### TEMPERATURE MODUS

INSTALLATIONS- UND GEBRAUCHSANLEITUNG  
HEIZEN ODER NICHT-KONDENSIEREND KÜHLEN

### TEMPERATURE MODUS

INSTALLATION- AND OPERATIONS MANUAL  
HEATING OR NON-CONDENSING COOLING



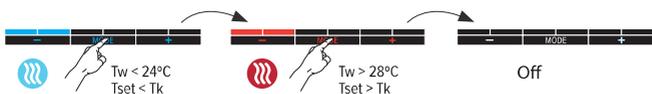
NL PG. 3

FR PG. 13

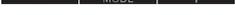
DE PG. 23

EN PG. 33

## QUICK GUIDE



### TEMPERATURE

			
26°C			16°C
24°C			18°C
23°C			19°C
22°C			20°C
21.5°C			20.5°C
21°C			21°C
20.5°C			21.5°C
20°C			22°C
19°C			23°C
18°C			24°C
16°C			26°C

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Jaga N.V.

Verbindingslaan 16

B-3590 Diepenbeek

www.jaga.com - info@jaga.be

Jaga reserves the right to change product specification at any time in line with our policy of continuous improvement and innovation.



EN

### DECLARATION OF CONFORMITY

CEO JAGA N.V.  
Jan Kriekels

21/05/2018

JAGA N.V. - Verbindingslaan 16 - B 3590, declares under its sole responsibility that the product to which this declaration relates: **DBH**

is in conformity with the following standards or documents provided that these are used in accordance with our instructions: NBN EN60335-1 BASED ON EN60335 -1:2012+A11:2014+A12:2017+A13:2017 NBN EN60335-2-80 BASED ON EN60335-2-80:2003 + A1:2004+A2:2009 / NBN EN 60335-2-80 based on EN 60335-2-80:2003 + A1:2004 + A2:2009

Following the provision of Directives as amended:

- Low Voltage 2014/35/EC
- EMC 2014/30/EC
- Machinery 2006/42/EC
- RoHS 2011/65/EU



### Important info



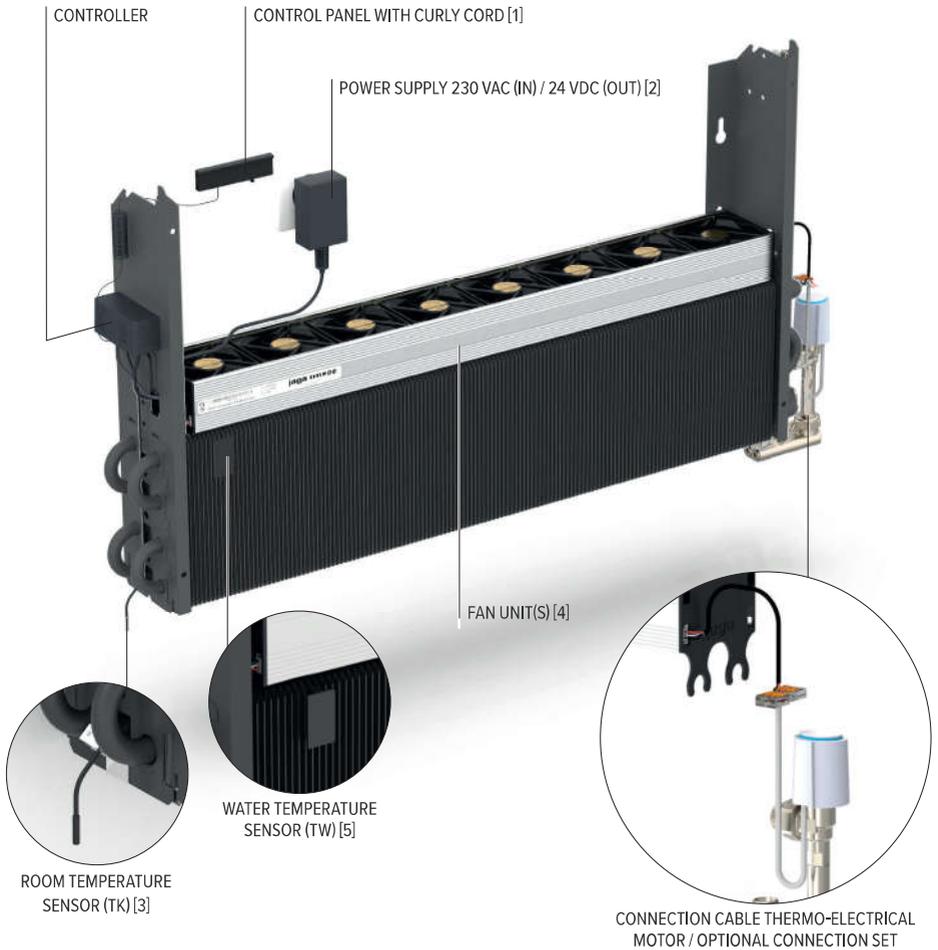
The unit must be installed by a certified installer in accordance with the installation instructions and the local building codes. Please follow this instruction manual and file it somewhere safe! The unit must always be accessible for maintenance and inspection.

#### The warranty is void when:

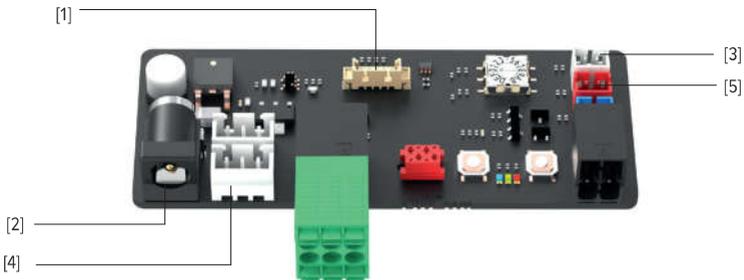
- The installation, maintenance or operation instructions in this manual are not respected.
- The initial start-up has been carried out before a general cleaning of both the fan and the coil.
- Modifications have been made to the product, before, during or after product installation.
- Maintenance has been carried out by unauthorized people.
- Access to the unit has been restricted due to on-site conditions.

This device is covered by the general warranty conditions of Jaga NV.

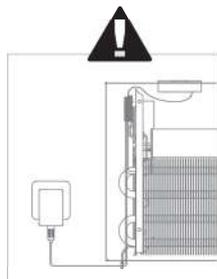
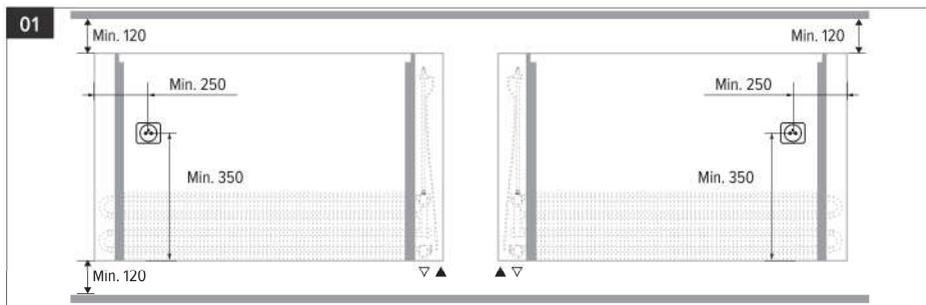
# 1. PRODUCT DESCRIPTION



## \*CONNECTING THE CONTROL UNIT

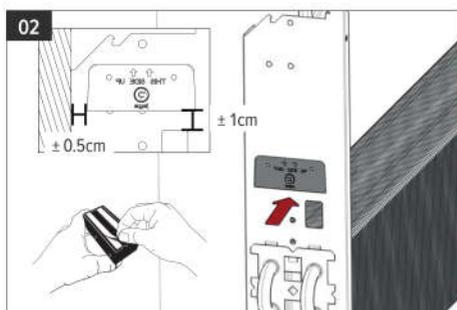


## 2. INSTALLATION

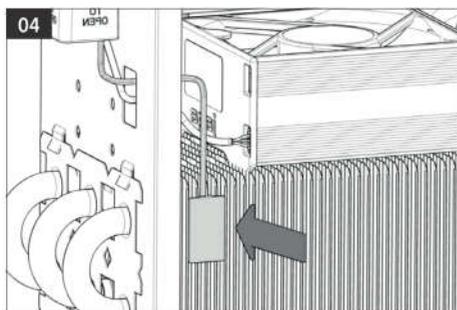
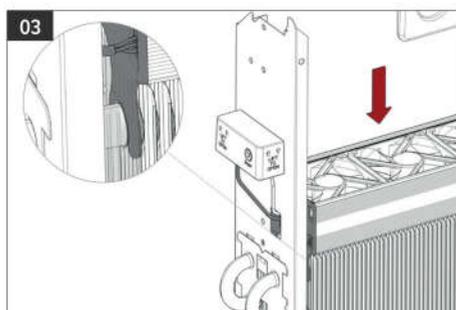


**ATTENTION!** 230 V is not possible in a casing with a height of 35 cm.

\*Electrical connection - zie 2.1



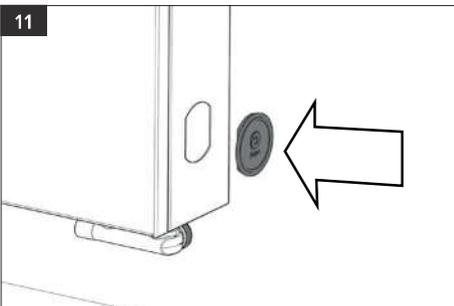
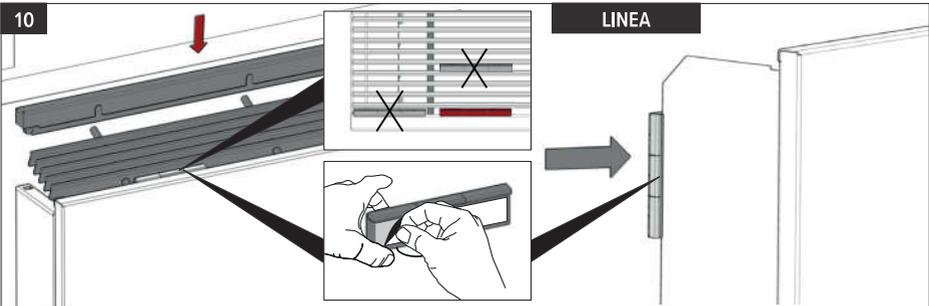
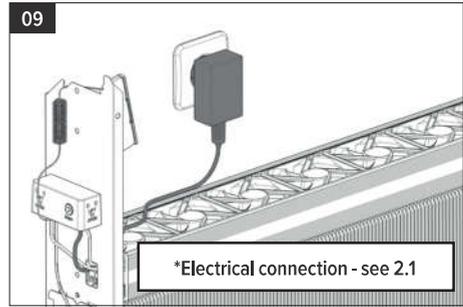
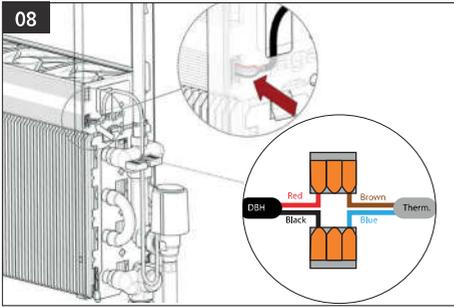
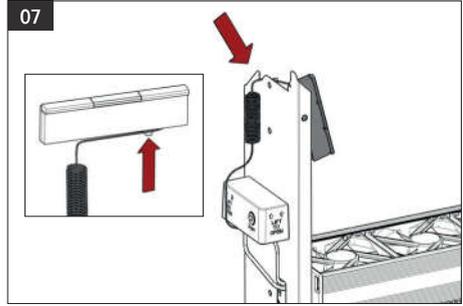
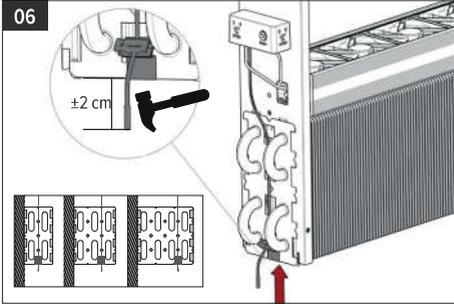
▲ Clean and degrease before sticking!



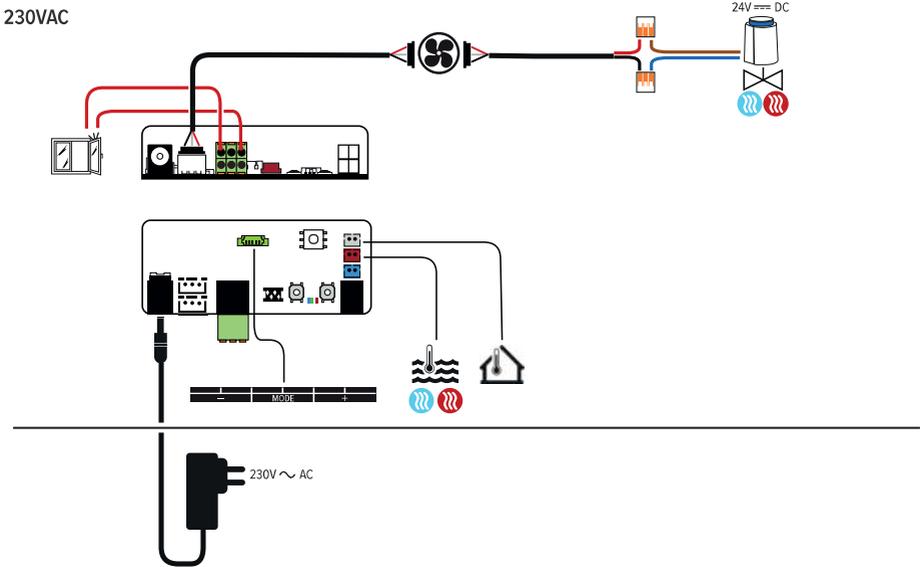
**05** Make the hydronic connection.



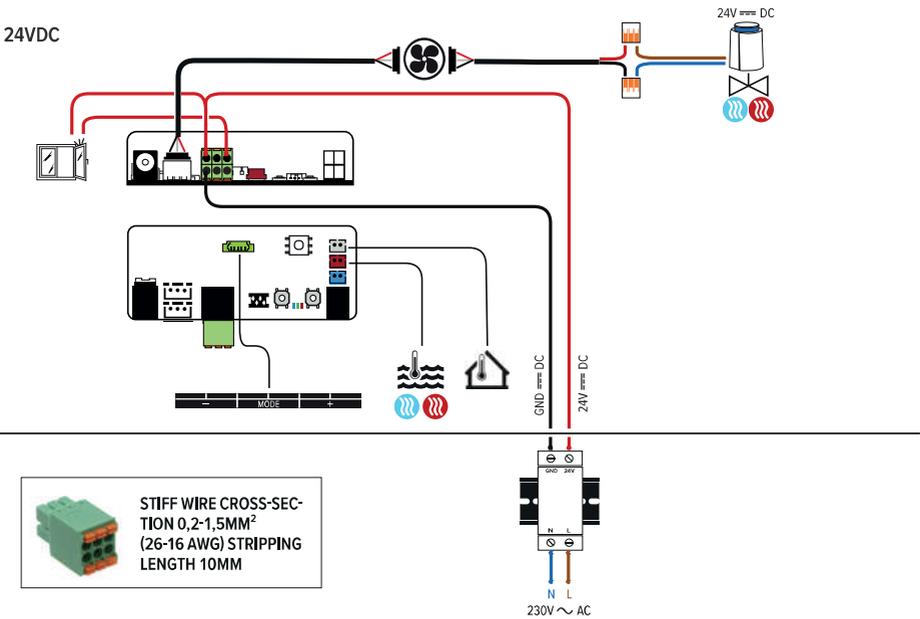
This device is not equipped with dew point control. This must be installed in the most critical place by the installer! Condensing cooling due to a dew point control malfunction may damage the device and its surroundings! Jaga is not responsible for this.



## 2.1. ELECTRICAL CONNECTION



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## 2.2. OPERATION

Upon recognising the correct water temperature, the fan will modulate depending on the difference between the measured room temperature and the desired room temperature.

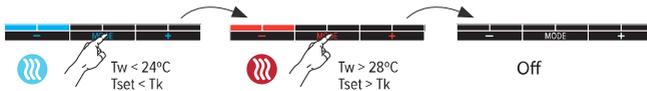
  $T_w > 28^\circ\text{C}$

  $T_w < 24^\circ\text{C}$



The user chooses the desired room temperature on the control panel in heating or cooling. The thermoelectric valve will stay open until the room temperature is reached.

## 3. CONTROL



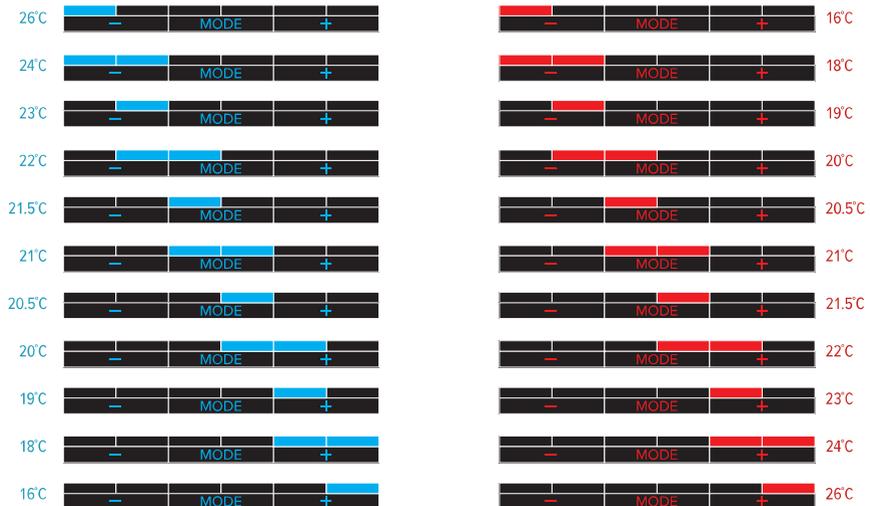
The user chooses the temperature via the [-] and [+] button.



The unit starts as soon as the control panel is in cooling mode, the requested room temperature has not been reached and the water temperature is  $< 24^\circ\text{C}$ .



The unit starts as soon as the control panel is in heating mode, the desired room temperature has not been reached and the water temperature is  $> 28^\circ\text{C}$ .



The speed is controlled automatically and the max speed corresponds to 30 dB(A).

**Boost function:** The unit runs at maximum speed for 15 minutes. The LED's are flashing slowly. Hierna gaat hij terug naar de vorige positie.



### Deactivating

Briefly press the [+] button. The device returns to the selected mode.

**!** De boost mode automatically stops when the water temperature is  $> 24^{\circ}\text{C}$  when cooling or  $< 28^{\circ}\text{C}$  when heating.

## 3.1. NOTIFICATIONS

**!** Blue LEDs are flashing: the water temperature for cooling is too high  
 Red LEDs are flashing: the water temperature for heating is too low

### Control panel error codes

LED flashes rapidly in the color of the set mode.



Check the water temperature sensor



Check the room temperature sensor

The LEDs are **blinking in a pattern and in the color that matches the selected mode**

Only if the window contact is connected and switched on: The window contact is open.



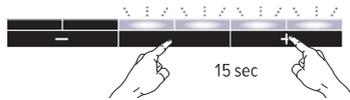
## 4. SETTINGS

### 4.1. ADJUSTING THE WATER TEMPERATURE

#### Adjusting the maximum water temperature for cooling

By reducing the water temperature setting, the unit will start later. If the water temperature is set higher, the unit will start sooner.

1. Put the device in the cooling mode
2. Hold down the **[Mode]** and **[+]** simultaneously until the last 4 LEDs start flashing.
3. Short press the **[-]** or **[+]** button to adjust the set



temperature.

12°C		24°C
14°C		26°C
16°C		28°C
18°C		30°C
20°C		32°C
22°C		34°C
24°C		36°C
26°C		38°C

/ factory default water temperature

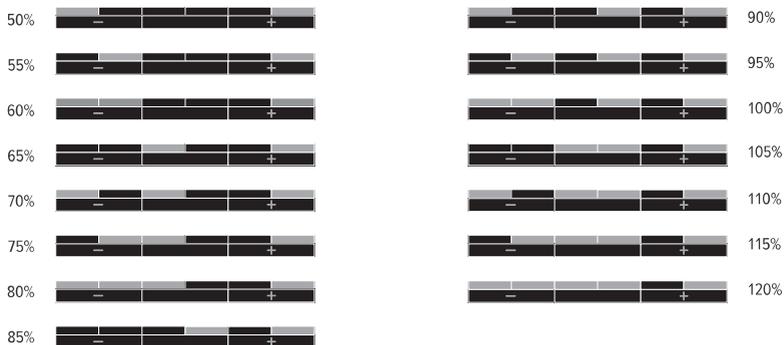
4. After 30 seconds, the new settings are automatically saved and the device returns to the selected mode.

### 3.2. SETTING FANSPEED

1. Select the mode that you want to adjust: Cooling / Heating
2. Select the speed that you want to adjust:
3. Hold down **[Mode]** and **[-]** simultaneously until the first 4 LED's are flashing.



4. Short press [-] or [+] to adjust the preset speed.

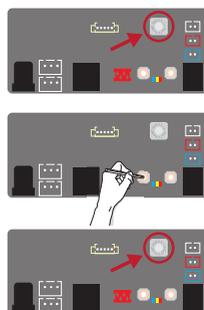


Default factory setting of the fan speed is selected depending on the device's length in order to guarantee the sound levels.

5. After 30 seconds, the new settings are automatically saved and the device returns to the selected mode.

## 4.2. SWITCH ON/OFF WINDOW CONTACT

1. remember the original setting of the rotary switch
2. turn the rotary switch to setting '0'
3. the 3 LEDs (red, green and blue) on the JDPC are blinking
4. hold the '-' button down until the blue or the red LED lights up
5. the setting of the window contact changed
  - blue LED: window contact inactive
  - red LED: window contact active
6. repeat these steps until the desired result is obtained.
7. turn the rotary switch back to its original setting



## 4.3. FACTORY RESET

1. Disable power charge.
2. Press and hold down both the [-] and [+] button on the circuit board and switch on the power again. The blue LED will light up, followed by the green LED 2 seconds later and the red LED 4 seconds later. Release the buttons as soon as all 3 LEDs are flashing.
3. The controller will return to the Factory Default settings, all LEDs will flash for 8 seconds.



## 5. GUARANTEE

1. The guarantee is valid only if the equipment is properly and correctly used, by its first owner and if installed in accordance with the norms and instructions as stipulated in the instruction leaflet and the current practices.
2. The guarantee only applies to the equipment and the spare parts. Jaga has the choice between repair and replacement of the equipment or the spare parts. If there has been a change in the model, Jaga is authorised to replace the guaranteed equipment with an equivalent equipment or equivalent spare parts. In those cases where the guarantee claim is received, during the first six months after the start of the guarantee, on all labour and transport costs.
3. The period of guarantee is mentioned in this certificate. A repair or replacement does not change anything to the original period of guarantee.
4. No guarantee is granted on equipment or spare parts lacking information concerning type or series, or on equipment where this information has been removed or altered, or on equipment that has been repaired or modified by persons not authorized by Jaga.
5. The customer is responsible for the damage when it is due to errors of placement, fittings, electrical connections, faulty or damaged electrical installations or appliances, erroneous voltage or hydronic pressure and all other errors not related to the product delivered by Jaga. The guarantee is also revoked when non-suited parts are applied. The guarantee for our heat exchangers is not valid if they are emptied at set times or during a certain period, or if they are heated by means of industrial water, steam or water saturated by great quantities of oxygen. The quality of the system water has to be in accordance with the VDI 2035-2 directive. The buyer will make every effort to prevent damage to the device by avoiding both dust and moisture. This means that the customer has to cover the device in case of further construction works in order to ensure that the devices remain dust-free. The guarantee is also revoked when the heat exchangers are placed in aggressive surroundings (ammonia, corrosive substances, etc). In these circumstances, the buyer should address the cause of the damage. Lacquered radiators should not be used in the following (humid) areas: above a bath with a built-in shower unit, in a shower cubical or next to it, in a swimming pool (chlorine) or in a sauna.
6. Jaga does not give a guarantee on faulty equipment due to incorrect handling and/or use of the equipment, the dropping of the equipment or the transport without the necessary precautions, or for all equipment that is built in, in a way that it cannot be reached normally. The guarantee is valid only if the equipment is properly and correctly used, by its first owner and if installed in accordance with the norms and instructions as stipulated in the instruction leaflet and the current practices.
7. In all cases where the guarantee is granted but where the intervention occurs later than 6 months after the start of the guarantee, and in all other cases, labour and transportation costs are calculated according to scales set by Jaga. Customers can get information on those scales either from our sales administration personnel, or from the maintenance engineer.
8. All interventions not covered by the guarantee have to be paid in cash to the maintenance engineer.
9. The guarantee starts on the date of the invoice. If the invoice is not available, the serial number or the date of production prevails.
10. Only the courts of judicial district Hasselt (Belgium) are authorised to deal with disputes arising from this guarantee. It will apply Belgian law even when sales involved are subjects of EU member states as well as non-EU member countries.

