

 **THERMOVAL®**

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# ELECTRICAL HEATER

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**Manual**

**T19 1000 WiFi**  
**T19 1500 WiFi**  
**T19 2000 WiFi**

## ATTENTION!

The device is exclusively used in residential areas where the air temperature does not drop below 5°C.

The device can not be operated at temperatures exceeding the permissible range of minimum and maximum  $>5-35<^{\circ}\text{C}$

## 1 SAFETY RULES

- It is forbidden to cover the air inlet and outlet grilles in the radiator. Doing so may result in overheating, destruction of the radiator or in the risk of fire.
- Only an authorized service center is allowed to repair the device.
- In the event of a malfunction or prolonged interruption in the use of the device, the heater should be disconnected from the mains, pull out the plug.
- The external surface of the device may heat up to a significant temperature.
- It is not allowed to place the device on carpets and linings with long bristles.
- The device should be used away from water sources, eg: bathtub, shower, sink.
- Do not use the heater in rooms with flammable materials.
- It is prohibited to bring the power cord close to a hot device.
- Do not install the heater directly under the power socket.
- The socket should be next to or below the device.
- Do not leave small children unattended in the room where the radiator is located.



The product complies with the requirements of the European Union directives.



The product meets the requirements in the European Union and EFTA directives.



### ATTENTION !

**THE APPLIANCE SHOULD NOT BE INCORPORATED FOR HOUSEHOLD WASTE!**

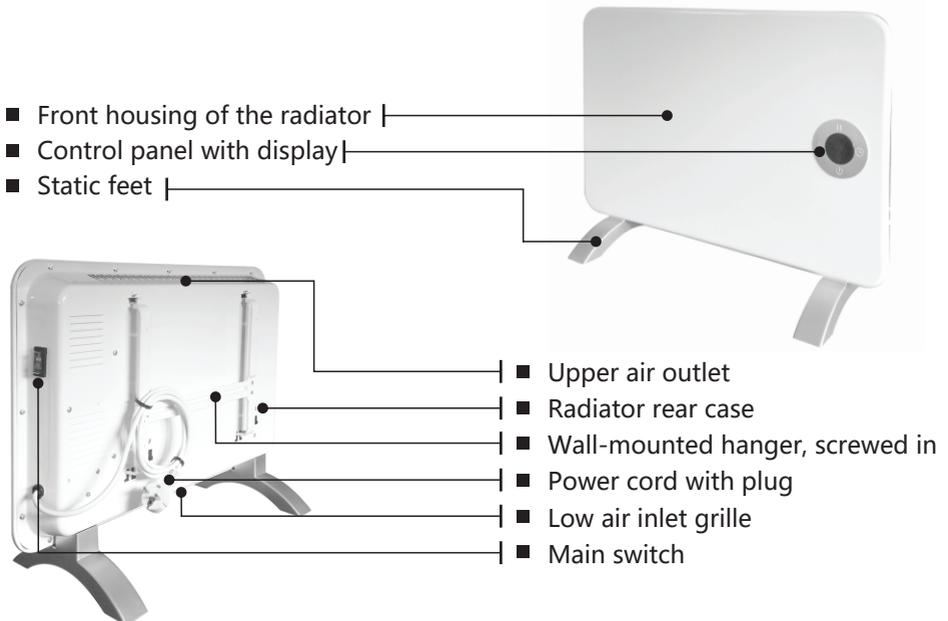
In accordance with applicable law, unusable devices powered by electricity should be collected separately, in specially designated places, for processing and re-use, based on applicable environmental standards.

## 2 TECHNICAL DATA

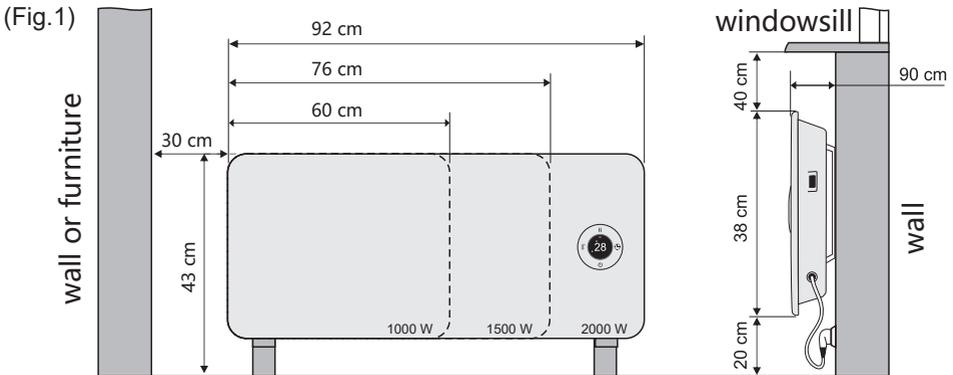
### Model T19 1000W WiFi

heating power	500 - 1000 W	power split	IP24
power supply	~230V 50Hz		
weight	4,1 kg.		
dimensions h/w/d	380 / 600 / 65 mm		
<b>Model T19 1500W WiFi</b>			
heating power	750 - 1500 W	power split	IP24
power supply	~230V 50Hz		
weight	4,8 kg.		
dimensions h/w/d	380 / 760 / 65 mm		
<b>Model T19 2000W WiFi</b>			
heating power	1000 - 2000 W	power split	IP24
power supply	~230V 50Hz		
weight	5,4 kg.		
dimensions h/w/d	380 / 920 / 65 mm		

## 3 DESCRIPTION OF THE HEATER CONSTRUCTION



## SAFE DISTANCES FROM ELEMENTS

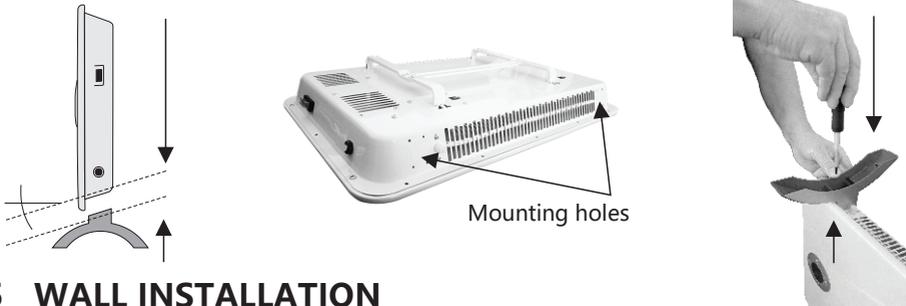


## 4 STATIC LEGS INSTALLATION

The radiator is equipped with a pair of legs to set the heater on the floor. In order to install them, use the 4 screws (self-tapping screws) to screw the feet to the bottom of the housing. For this purpose, there are special mounting holes on the bottom housing. Before fitting, adjust the shape of the feet to the radiator housing. Using a Phillips screwdriver, tighten the feet to the housing, using two screws per side.

### ATTENTION!

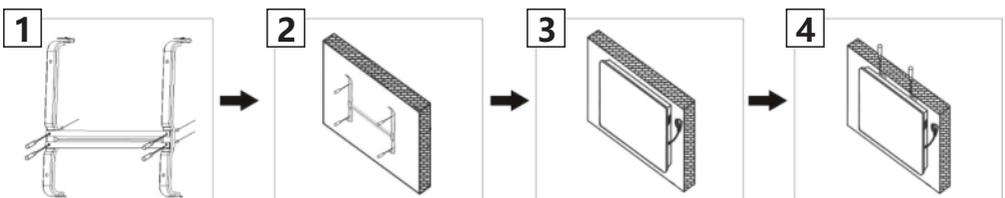
Under no circumstances should you place the device without the mounting legs being screwed onto the device



## 5 WALL INSTALLATION

Make the right place for assembly.

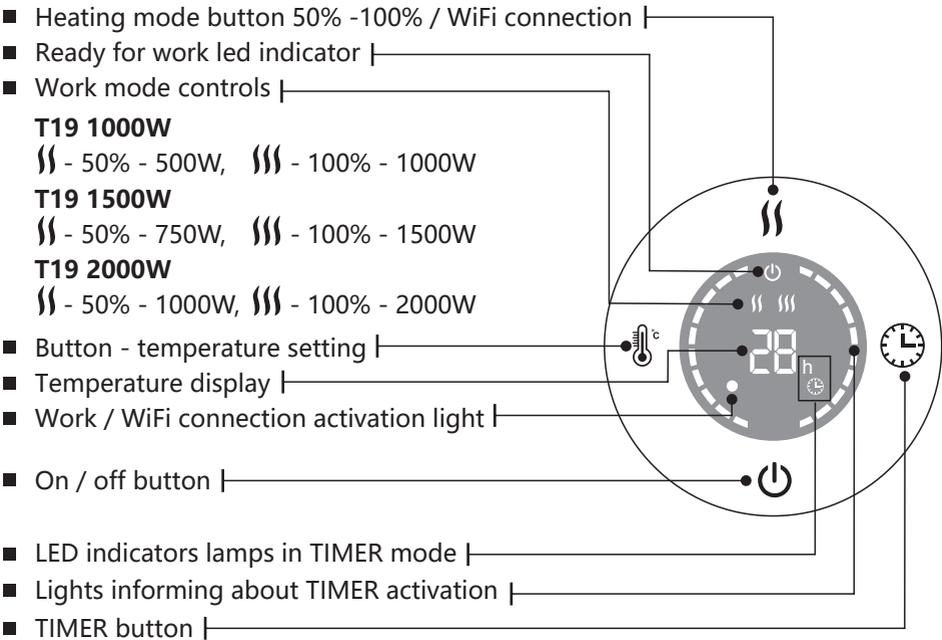
Keep the required minimum distances from walls, furniture, window sill, etc. (Fig.2)



- 1 - Use the assembly template to mark the space for the mounting pins.
- 2 - Drill the holes and install the wall plugs (figure 2 - img. 1)  
(4 mounting pins with screws are included with the heater)
- 3 - Screw the wall hanger (figure 2 - img. 2)
- 4 - Install the heater on the hanger (figure 2 - img. 3)
- 5 - Finish the installation by screwing the two pipes blocking the heater on hanger (figure 2 - img. 4)

Remember! The power socket must be located on the side of the radiator or under the radiator, never above the radiator.

## 4 DESCRIPTION OF THE CONTROL PANEL



### Description of the operation of the control panel

#### On/ OFF button

With this button you turn ON or OFF the heater. Button activates the heater, after switching the power supply ON with the main switch, which is located on the side of the radiator housing.

Heater indicates switch ON with activation sound.

## Heating mode button / WiFi connection

With this button, by pressing once, you can change the heating mode. The appropriate icons will appear on the display:

 - 50 %,  - 100 %.

By pressing and holding the button for about 5 seconds, you activate the WiFi connection in the heater. The moment of activation of the WiFi module is signaled by a longer sound signal. The heater automatically connects to wireless network and the LED will flash on the display

### "Work activation / WiFi connection"

Controlling the wireless radiator, it is possible through a special program, the operation of which is described in a separate manual.



## Temperature setting button

Using this button you can set the temperature that the heater should maintain.

**Press once** - you enter the option to change the temperature, and the display shows the flashing value of the currently set air temperature

**Subsequent press** - change the temperature settings every 1 °C, in the range of 15 to 35°C in the loop. After selecting the appropriate temperature, the indicator will flash. After about 5 seconds, the thermostat will start and the measured ambient temperature will be displayed again. The temperature readout is made using a sensor placed on the bottom of the housing in a plastic cover, near the air inlet grille. The thermostat measures the cold air drawn by the device from the bottom. It is a local measurement, short-term and it may be necessary to adjust the temperature on the programmer in order to obtain the right temperature in the room. The display shows the ambient air temperature on the display. You can check or change settings at any time by pressing the button 



## TIMER button

With this button you can program the radiator's operating time in the range from 1 to 24 hours, with an accuracy of 1 hour. After the set time has elapsed, the radiator will automatically turn off.

**Press once** - you enter the option of setting the working time. The display will show the value (00) with the icon {h} and the blue LED will indicate "Working in TIMER mode".

**Subsequent presses** - select the number of hours after which the device should turn off. After selecting the appropriate settings, the indicator will flash. After about 5 seconds, the thermostat will be activated and the measured ambient temperature will appear again on the display and the TIMER lamp will remain visible, informing about the operation in the program of the preset mode. You can check or change settings at any time by pressing  button



### **Sound signaling**

All changes made to the device are confirmed by a sound signal.

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### **Overheating protection**

The radiators have been equipped with a thermal fuse protecting the device against overheating. Overheating can occur for a variety of reasons. The most common reasons for overheating are: disruption of free air circulation or operation of the device with full power at high ambient temperature. In such a situation, the thermal fuse cuts off the power supply to the heater. If the heater is turned off in an emergency, disconnect the heater from the power source and leave the appliance to cool down. The fuse will restart the power supply after it has completely cooled down.



### **Cleaning and maintenance**

The radiator should be protected from dirt and dusting. Maintenance should be limited to cleaning the housing with a soft cloth and without using aggressive cleaning liquids. All work related to cleaning the interior of the heater may only be carried out by an authorized Thermoval service center. Any unauthorized interference, opening, attempts to clean or repair the interior of the device automatically result in the loss of warranty rights.



### **FAULTS AND REPAIRS**

In the case when the device stops heating or there are errors in the operation of the control panel, please check the correctness of connection for the power supply and correct settings in the programmer.

If, after checking, an error in connection or settings is not detected and the radiator is still defective, contact the certified service.

**ATTENTION !** All attempts to repair, interfere with the construction of the device, carried out by third parties, outside the authorized service center, result in automatic loss of warranty rights.

### **WARRANTY**

Thermoval Polska guarantees a reliable work in the dimension of:

- 2 years for the housing and electrical controls
- 5 years for a heating element (heater)

**Manufacturer and distributor:**

