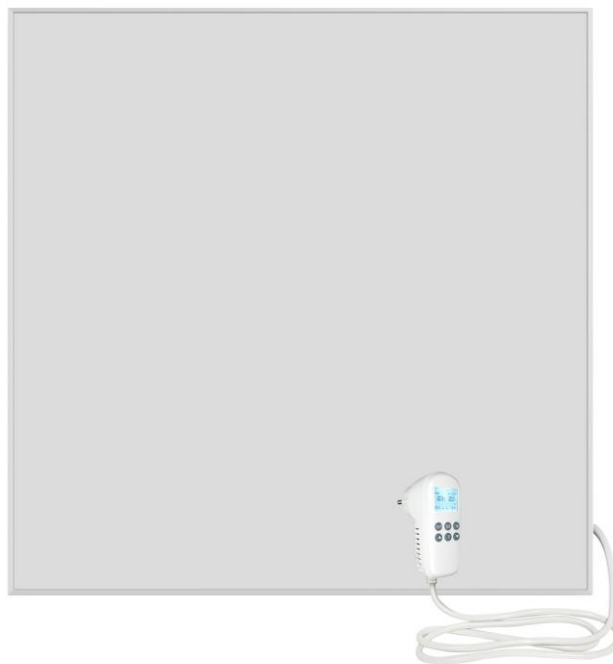


AREBOS

Panel heater 350W



Please follow all security measures in this user's manual to ensure a secure use.



Thank you for trusting in AREBOS.









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Please read and save these instructions. Read through this user's manual carefully before using product. Protect yourself and others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

1. Safety instructions

1.1 Symbols

Symbols	Meaning
	This symbol located on the device indicates that it is prohibited to place objects (such as towels, clothes etc.) above or directly in front of the device. In order to avoid overheating and fire hazards, the device must not be covered.
	WARNING! from electrical voltage! Remove the power plug from the power outlet before working on the device! Do not touch the power plug with damp or wet hands. Unplug the power cord from the power outlet by touching it on the power plug.
	This symbol located on the device indicates that it is prohibited to spray the device.
	This symbol located on the device and information marked indicates that operating manual must be observed.
	By means of a CE marking, it can be recognized that a product complies with the legal requirements of European legal standards and therefore may be traded within the European Community.
	This product must not be disposed of with household waste!
	Ceiling mounting is forbidden! WARNING! This device can pose dangers if it is used improperly or not as intended by persons who have not been instructed! Note that the device is not a toy and does not belong in children's hands. Personnel qualifications! Suffocation! Do not leave the packaging material carelessly. It could become a dangerous toy for children. There is a risk of fire if installed improperly. Do not place the device on a flammable surface. Do not place the device on high-pile carpets. The device must not be covered to avoid overheating and fire hazard!
	WARNING! Hot surface! This symbol indicates that there are dangers to the life and health of individuals due to hot surfaces. Parts of this device can get very hot and cause burns. Pay special attention when children or other vulnerable people are present!



WARNING! from electrical voltage!

This symbol indicates that there are dangers to the life and health of persons due to electrical voltage.

Work on electrical components may only be carried out by an authorized specialist company!

WARNING! Danger of electric shock!

The device must not come into contact with water, otherwise there is a risk of electric shock!

Do not use this heater in wet rooms!

1.2 General safety instructions

Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use!

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury. Save all warnings and instructions for future reference.



WARNING!

Ceiling mounting is NOT allowed! This device is suitable for wall mounting!



WARNING!

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



WARNING!

Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.



WARNING!

Do not use the device in small rooms if persons are present who cannot leave the room independently and who are not under constant supervision.



WARNING!

Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present. It's dangerous of installation close to curtains and other combustible materials. To avoid the possibility of burns, the following people should be much more careful when using the heaters: infants and kids, people with sensitive skin, the old, the sick, people who is drunk, people who takes sleeping pills.

- Remove all the protective films (both on the front and on the back) before using.
- Be sure the input voltage is between 220-240V, 50Hz, and power supply has been strictly in accordance with IEC and well grounded.
- Do not use the device in potentially explosive rooms.
- Do not use the device in aggressive atmosphere.
- Set the device up in an upright and stable position.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device to directly spraying water.
- Never insert any objects or limbs into the device.
- Do not cover or transport the device during operation.
- Do not sit on the device.
- This appliance is not a toy! Keep away from children and animals. Do not leave the device unattended during operation.
- Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
- Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!
- The electrical connection must correspond to the specifications in chapter technical data.
- Insert the mains plug into a properly secured mains socket.
- Do not use the device when the socket or wire overloaded.
- Observe the device's power input, cable length and intended use when selecting extensions to the power cable. Completely unroll extension cables. Avoid electrical overload.
- Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket. Hold onto the mains plug while doing so.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Do not under any circumstances use the device if you detect damages on the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Defective power cables

pose a serious health risk.

- During the installation of the device observe the minimum distances from walls and other objects as well as the storage and operating conditions specified in the technical data chapter.
- Never drill into the heating device.
- Keep it away from flammable products, or else it may cause fire.
- Do not place the device against flammable or melting objects, like wood, straw, curtains, plastics, etc.
- Do not place the device on combustible ground.
- Do not transport the device during operation.
- Do not touch the surface during the device working to avoid burns.
- Allow the device to cool down before transport and / or maintenance work.
- Do not use this device near bathtubs, shower trays, swimming pools or other water containers. Risk of electric shock!
- The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower.
- The device is only suitable for well insulated spaces or occasional use. Only use the device for heating surfaces indoors.
- The device is suitable for wall mounting. Safe distance: 30cm from the front; 10cm from the right and left sides.

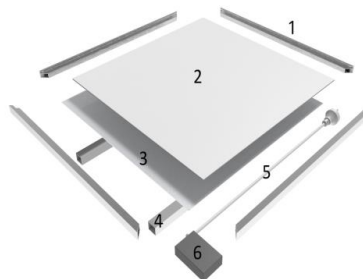
2. Technical data

Model	AR-HE-IH300T
Option	With LCD Thermostat
Power input	350 W
Power supply	230 V/50 Hz
Connection type	CEE7/7
Surface temperature	70-90° C
Material Frame	Aluminium
Surface material	IR ceramic coating
Cable length	1.9 m
Thickness	0.87 in (22 mm)
Overheating protection	Yes
Degree of protection	IP54
Efficiency	98%
Overheating protection	YES
Weight	3.4KG
Dimensions	60.5*60.5*2.2cm
Min. distance	
top :	50 cm
rear:	0 cm
sides:	10 cm
front:	30 cm

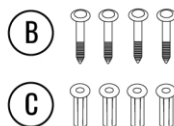
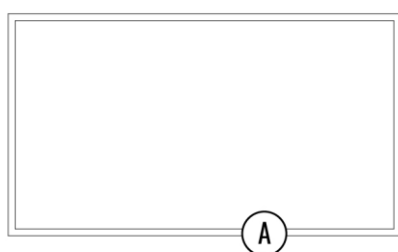
3. Installation

3.1 Device Structure

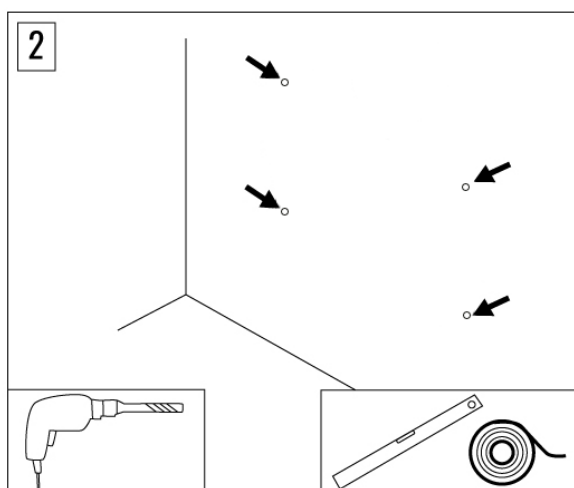
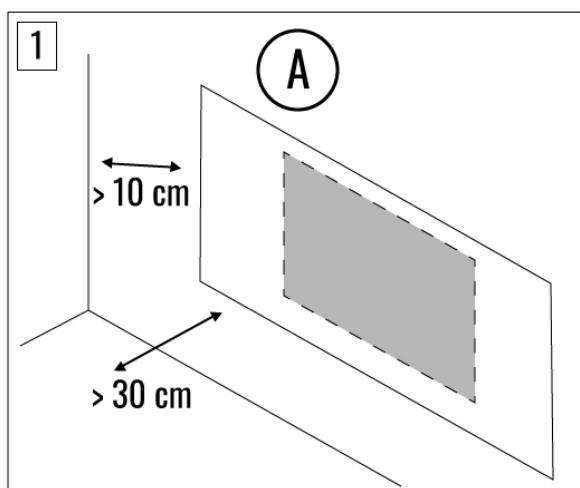
- 1 Frame
- 2 Heating element
- 3 rear metal sheet
- 4 Wall attachment
- 5 Power cord
- 6 Junction box

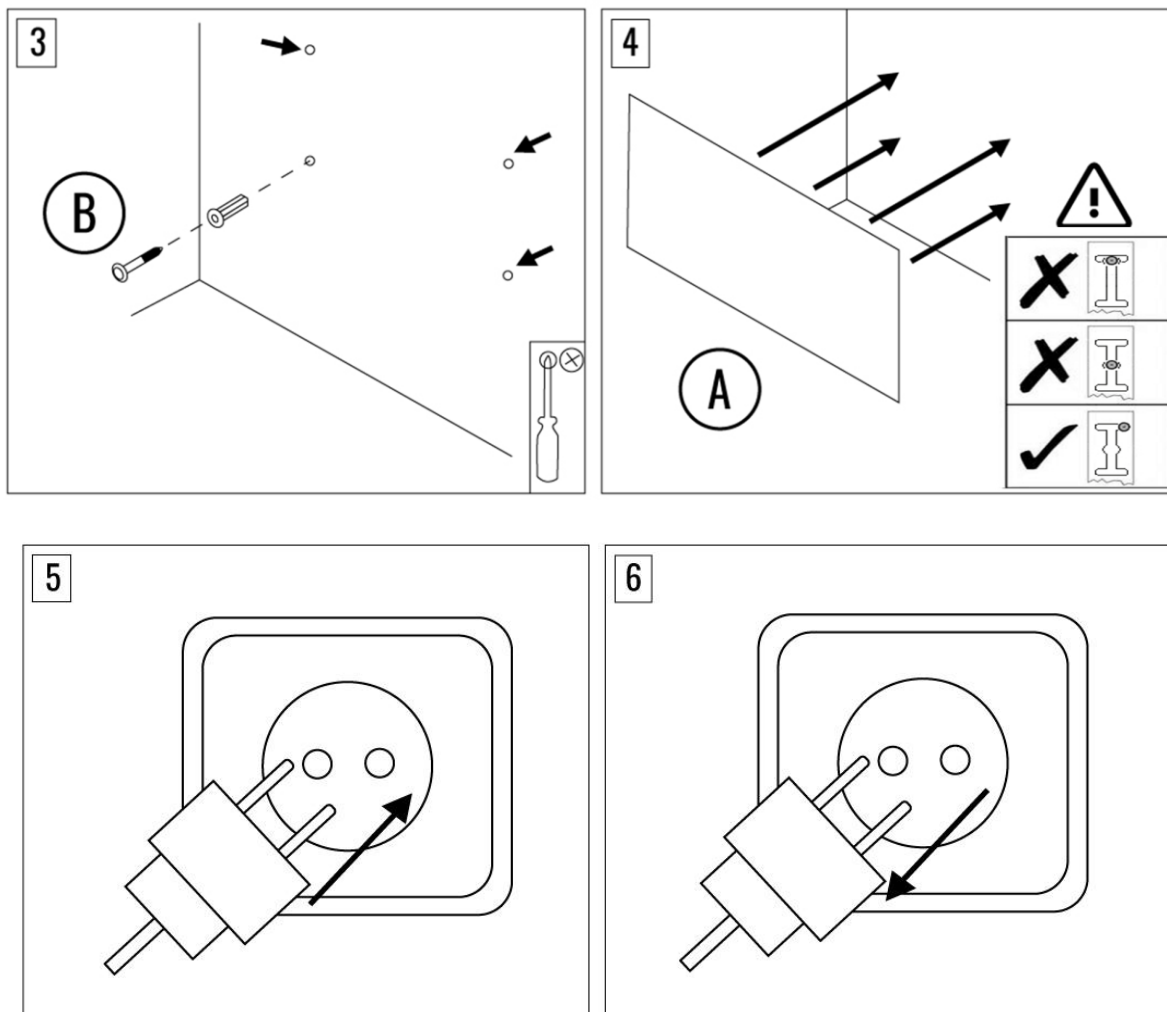


3.2 Scope of Delivery



3.3 Installation Manual





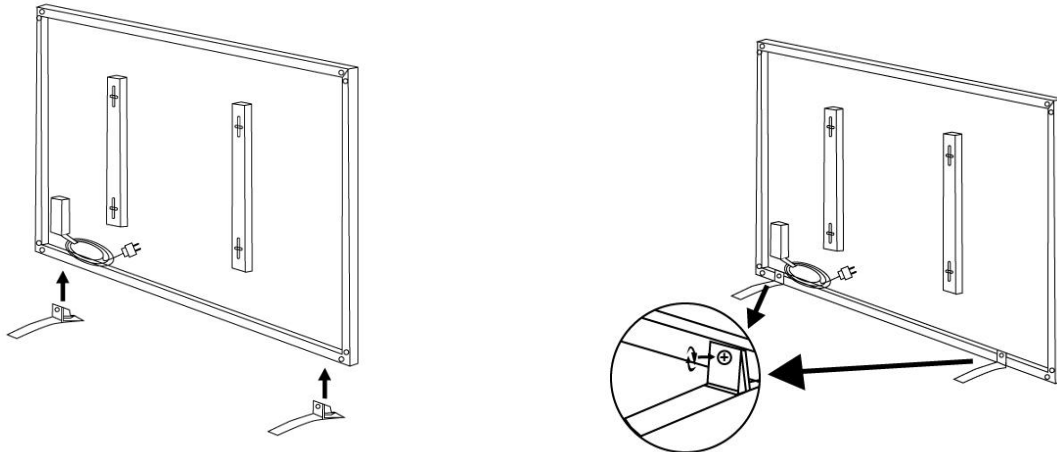
1. Choose the mounting position, keep the required minimum distances. (Pic 1)

Distances required for device mounting			
front	Minimum 30cm	right	Minimum 10cm
left	Minimum 10cm	top	Minimum 50cm

2. Drill the holes for the infrared heater. (Fig. 2)
3. Insert the dowels (B). (Pic 3)
Place the screws (B) in the dowels.
Tighten the screws.
The screws should project by approx. 0.197 in (0.5 cm).
4. Hang up the infrared heating plate (A). (Pic 4)
5. Insert the plug in the socket. (Pic 5)
6. Pull out the plug from the socket when not in use. (Pic 6)

3.4 Installation of stands (optional)

- The stand is NOT in delivery with the heater. It can be purchased separately from our online shop.
- The stands can be mounted in order to be able to place the device anywhere in the room. The accessories for the stands are not included in the scope of delivery.



- Please note the recommended minimum distances to walls and objects.

Proceed as follows to mount the stands:

Get a second person to help you lift the product while mounting the stands.

1. Place stands on the ground.
2. Lift the device with the help of an additional person.
3. Place the device onto the stands.
4. The second person continues to hold the device.
5. Screw the stands onto the device.
6. Check if the device stands straight and stable.

4. Use of LCD Thermostat

4.1. Device Description

Power Supply : AC220V-240V

Maximum load : 3680W

Temperature setting range: 0°C~45°C

Room temperature display range: 0°C~50°C

Dimension: 105mm×47mm×73mm

Weight: 130g(excluding power cord)

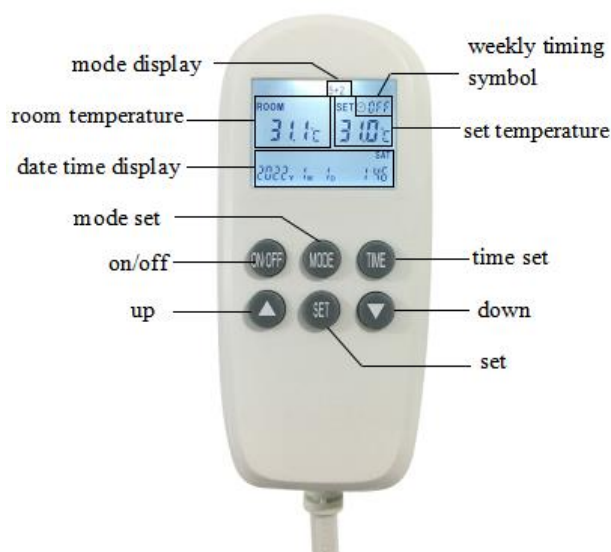
4.2 Function of Plug-in Thermostat

- 1) The plug-in thermostat measure and monitor changes in ambient temperature in real-time through the temperature sensor at the bottom.
- 2) The LCD screen displays current temperature and target temperature, date & time, C/F mode etc.
- 3) The plug-in thermostat has the functions of Flexible Programming, Temperature Setting,

Open Window Detection, Time Setting etc.

- 4) There is a small Farad capacitor inside the device, which can continue to supply power to the MCU for about 3-5 hours after a power outage, and it will automatically store the last setting by the user if it is not powered on for a long term. The icon of battery will come out when the thermostat is unplugged, and the battery icon will keep blinking when there is not enough power, users have to plug the thermostat into the power socket in case date & time settings are erased.
- 5) The LCD backlight will be turned off if no button is pressed in 5-10 seconds, but the thermostat is still under working state.

4.3 Instructions of Plug-in thermostat



LCD Symbols		Buttons	
	The buttons are locked	ON/OFF Button	Switches the unit on and off
	Heating is turned on	MODE Button	Turns programming mode ON/OFF
ROOM	Room temperature	TIME Button	Allows adjustment of the time and date settings.
①②③④	Program number 1,2,3,4	UP Arrow	Increases the temperature and adjusts the time and programming settings
5+2 1...7	Programming Mode 5+2 or 1-7	SET Button	Enables access to the mode and programming settings
		DOWN Arrow	Decrease the temperature and adjust the time and programming settings.

- **Set the Time and Day**

This thermostat is fitted with a real time clock. It is essential that the clock time and day are set accurately if you require your programmed events to start on time.

Step 1. Press the TIME button and the date will flash


Step 2. Use up or down button to set the Year, then press TIME to save and proceed with setting up Month/Day/Hours/Minutes in similar manner,

Step 3. Press TIME button again to save and exit.


- **Manually turn the thermostat ON/OFF**

Plug the thermostat into power socket, Press ON/OFF button to turn the thermostat on/off.

When thermostat is turned Off, the LCD will only display current temperature reading.

When thermostat is turned On, users can press ▲ or ▼ button to increase or decrease the set temperature. If the set temperature is below room temperature, heating device is now OFF. If the set temperature is above room temperature, Plug-in thermostat goes ON and heating symbol  appears on the screen of thermostat, it is now supplying power to heating device.

- **Lock the buttons**

Press and hold the ON/OFF and MODE buttons for 3 seconds until you see a lock icon  appearing.

To unlock, repeat the steps above.

- **°C/°F Display**

Press the ▲ and ▼ buttons simultaneously to convert Celsius to Fahrenheit or Fahrenheit to Celsius.

- **5+2 or 1...7 Programming Mode**

Press the MODE and SET buttons simultaneously to select 5+2 or 1...7 programming modes.

- **Turn programming mode ON/OFF**

Press and hold the MODE buttons for 3 seconds until you see ON appearing. To turn OFF, repeat the steps above.

- **How to Program Your Thermostat ?**

Press and hold the SET button for 3-5 seconds to enter into programming mode.

Note: Programming mode has a time-out limit whereby if no buttons are pressed within 3-5seconds, it reverts back to the main screen.

1) 5+2 Programming Mode

You can program the thermostat to fit your lifestyle — week and weekend, plus up to 4 groups of time interval per day.

Step 1. Once in 5+2 mode, Press and hold the SET button for 3-5 seconds until Program icon ① and MON TUE WED THU FRI is displayed with ON and Time icon flashing on screen.

Step 2. Press ▲ button to adjust hour(+1hour/press) and press ▼ to adjust minute(+5minutes/press) to set the **starting time** of Program ①

Step 3. Press the SET button once and OFF icon flashing on screen, Use ▲ button to adjust hour(+1hour/press) and press ▼ to adjust minute(+5minutes/press) to set the **ending time** of Program ①

Step 4. Press the SET button once again and set temperature icon flashing on screen, Use ▲ or ▼ button to set the desired temperature to be maintained for program ①

Step 5. Press the SET button to bring up Program ② of week days, repeat step 2-5. And users can set up Program ③ and ④ in similar manner.

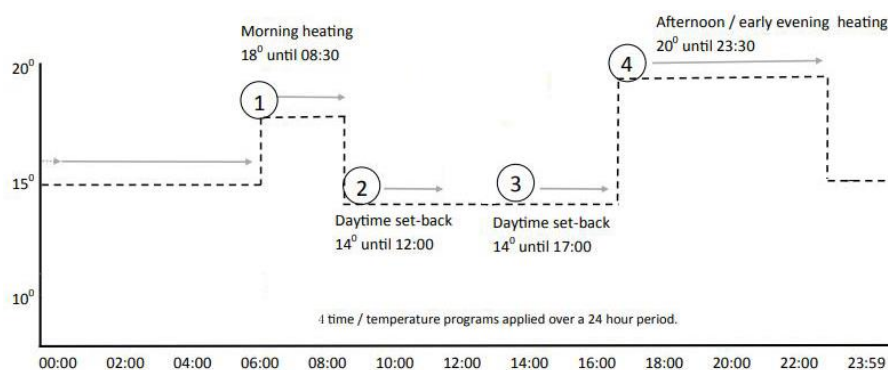
Step 6. After finishing setting Program ④, press the SET button to bring up SAT and SUN setting, repeat step 2-5 to set Program ① ② ③ ④ of weekends.

2) 1-7 Programming Mode

You can program the thermostat everyday with setting 2 groups of time interval per day. Once in 1-7 Mode, Press and hold the SET button for 3-5 seconds until Program icon ① and MON is displayed with ON and Time icon flashing on screen, users can follow the above step 2-4 to set On/Off time and desired temperature of Program ① and ② from Monday to Sunday in sequence.

Tips :

1. The default starting time is 00:00, the ending time is 00:00, and the default operating temperature is 15 degrees.
2. If the user does not adjust the default On/Off time of 00:00, the programming settings is invalid.
3. Running time of Program ① ② ③ ④ should not be overlapped, and the ending time value of each program must be later than the starting time, otherwise setting is invalid.
4. In 5+2 mode, if you do not want to set a mid-day heating period(Program ② or ③), simply set the programs ② or ③ to a lower temperature than default with very short intervals. An example is shown below.



5. The programmed time / temperature setting will be restored with the next program entry in the memory.
6. Once finish setting up the programming mode, the thermostat will work under programming mode ON even if the thermostat is turned off. The heating device will be switched ON or OFF according to the programming setting.

- **Open Window Detection**

The thermostat will automatically turn off the heating device if a sudden drop in temperature in the room is detected.

Important!

- If the heating device doesn't work, please check if the set temperature is below room temperature.
- If you find that the program mode does not work, please check if the programming mode icon is ON.
- Please do not cover the temperature sensor at the bottom of the thermostat, otherwise it will affect the temperature detection.
- When the device is not used for long periods, unplug it.

5. Cleaning and maintenance


5.1 Troubleshooting

Problem	Reason	Measure
It has noise when original charged with electricity	Due to the structure stress of the heat insulator.	It is a normal phenomenon. Don't worry about it.
The surface of the panel was slightly raised.	Due to the thermal expansion of the surface material.	It is a normal phenomenon. Don't worry about it.
The surface of the heating panel is slightly warm.	1. The voltage is low. 2. In a low-temperature environment.	1. Install a voltage regulator. 2. It is normal.

5.2 Maintenance and Storage

- Always disconnect the appliance from the main supply before cleaning.
- Never immerse the device in water!
- Clean the device with a soft, damp and lint-free cloth. Ensure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth. Wipe the housing dry after cleaning.
- Before storing the device, proceed as follows:
 - Hold onto the mains plug while pulling the power cable out of the mains socket.
 - Allow the device to cool down sufficiently. When the device is not being used, observe the following storage conditions:
 - Store the device in a dry location and protected from frost and heat.
 - Store the device in an upright position where it is protected from dust and direct sunlight.
 - If required, use a cover to protect the device from invasive dust.
 - Place no further devices or objects on top of the device to prevent it from being damaged.

6. Environmentally friendly disposal

 **Warning! from the risk of suffocation!** Packaging material is dangerous for children. Never let children play with packaging material.

6.1 Disposal and packaging

- The packaging of your device is made of materials necessary to guarantee effective protection during transport. These materials are fully recyclable and thus reduce the environmental impact. Dispose of the packaging in a bin for recyclable materials.

6.2 Disposal of waste equipment

- Waste equipment must be disposed of in accordance with the guidelines and regulations of local waste disposal. Contact your local administration via the address of the nearest recycling centre and deliver your device there.



The symbol of the crossed-out waste bin on an OLD electrical or electronic equipment states that it must not be disposed of in household waste at the end of its service life. Collection points for WASTE electrical and electronic equipment are available in your area for free returns. You can obtain the addresses from your city or local government. You can inform yourself on our website www.arebos.de about other return options created by us.



The separate collection of WEEE is intended to prevent reuse, recycling or other forms of recovery of WEEE, as well as the negative consequences of disposal on the environment and human health.

Note on battery disposal

The symbol of the crossed-out trash can on batteries or accumulators states that they must not be disposed of in household waste at the end of their service life. If batteries or accumulators contain mercury (Hg), cadmium (Cd) or lead (Pb), you will find the respective chemical symbol below the symbol of the crossed-out trash can. You are legally obliged to return old batteries and accumulators after use. You can do this free of charge at the retail store or at another collection point in your area. Addresses of suitable collection points can be obtained from your city or local government.

Our customer service number: Tel. +44 (0) 208 068 5604

fax: +49 (0) 931 4523 2799 / e-mail: info@arebos.de

Office address: Canbolat Vertriebs GmbH • Gneisenaustraße 10-11 • 97074 Würzburg

Return address can be found in the imprint: <https://www.arebos.de/impressum/>

Sales tax identification number: DE 263752326

Court of commercial registration is Würzburg, HRB 10082

WEEE-Reg. No. DE 61617071

EU Declaration of Conformity



We, the

Canbolat Vertriebsgesellschaft mbH
Gneisenaustrasse 10-11
97074 Würzburg, Germany

declare, under sole responsibility, that the following product:

Brand

AREBOS

Product

Panel Heater 350W

Product Model
Article

AR-HE-IH350T
4252023108119

has been developed, designed and
manufactured in accordance with
the requirements of **European
directives:**

2014/30/EU
2014/35/EU
2011/65/EU; 2015/863/EU
2009/125/EC

The subject matter of the declaration described above is in accordance with the relevant harmonisation legislation of the European Union.

The assessment shall be based on
the following **harmonised
standards** applied:

EN 60335-1:2012+A11+A13+A1+A14+A2
EN 60335-2-30:2009+A11+A1+A12
EN 62233:2008
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 61000-3-2:2019/A1:2021
EN IEC 61000-3-2:2019
EN 60675:1995+A1:1998+A2:2018+A11:2019
EN 50564:2011

Other applied technical standards
and specifications:

Regulation (EU) 2016/2282

Place and date of issue:

Würzburg, 2022-08-03

Signature:

Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

If the device is modified without our consent, this declaration of conformity loses its validity.