

ST2000 E



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Original instruction manual

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Read this instruction manual before using and keep it available at all times!

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

1 Safety

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This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



DANGER!

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



WARNING!

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



CAUTION!

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

IMPORTANT!

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

NOTE!

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

1.2 Safety instructions

Electrical Current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.

- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.

Flammable Materials

- Never subject the appliance to contact with high temperature sources, e.g.: oven, furnace, open flame, heat generating devices, etc.
- To avoid fire hazard, clean the appliance regularly.
- Do not cover the appliance with, e.g., aluminium foil or cloths.
- Use the appliance only with materials designated to this end and with correct temperature settings. Materials, groceries and left-overs remaining in the appliance may catch fire.
- Never use the appliance near flammable or inflammable materials, e.g.: petrol, spirit, alcohol, etc. High temperature triggers evaporation of these materials, and, as a result of contact with sources of ignition, an explosion may occur.
- In case of fire, disconnect the appliance from the power supply before attempting suitable fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.

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Hot Surfaces

- Surfaces of the appliance become hot during operation. Burning hazard! High temperature remains for some time after switching the appliance off.
- Do not touch any hot surfaces of the appliance. Use the provided handling elements and holders.
- You may transport and clean the appliance after it cools down entirely.
- It is prohibited to sprinkle hot surfaces with cold water or flammable liquids.

Safety

Operating personnel

- This appliance is not intended to be used by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching the appliance on.

Supervised Usage only

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.

- Do not introduce any foreign objects into openings of the appliance! This may result in electric shock and damage the appliance!
- Do not expose the appliance to vibrations or other shocks.
- Even if the heater is protected against water splashes, do not operate the appliance outdoors during rain.

1.3 Intended Use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- Installation and usage outdoors (e.g., on terraces).

1.4 Unintended Use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- Operation in stables, greenhouses and similar buildings
- Laundry drying

2 General information

2.1 Liability and Warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

2.2 Copyright Protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

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2.3 Declaration of Conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

3 Transport, Packaging and Storage

3.1 Delivery Check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

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When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

4 Technical Data

4.1 Technical Specifications

Name:	HeaterST2000 E
Art. No.:	825207
Number of heating tubes / power:	1 x 2 kW
Number of heating levels:	3
Degree of protection:	IPX4
Cord length, in m:	7
Height regulation, from–to, in mm:	1800 - 2100
Power supply:	2 kW / 230 V / 50 Hz
Dimensions (W x D x H), in mm:	550 x 500 x 2.100
Weight in kg:	8,8

We reserve the right to implement technical modifications!

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Version / Characteristics

- Type of power supply: electric
- Version: stand-up unit
- Heat source: quartz radiant heater
- Control: pull cord switch
- Cord outlet at the top of the heater

4.2 List of Components of the Appliance

1. Radiant heater
2. Interlocking screw
3. Extension tube
4. Heating level indicator
5. Pull cord switch of heating levels
6. Rotating connection sleeve
7. Stand top tube
8. 3 x M5x6 screw
9. Stand middle tube
10. 3 x M5x6 screw
11. Power cord
12. Stand bottom tube
13. Power cord clip
14. Stand feet cover
15. 4 x M6x30 screw
16. Stand feet

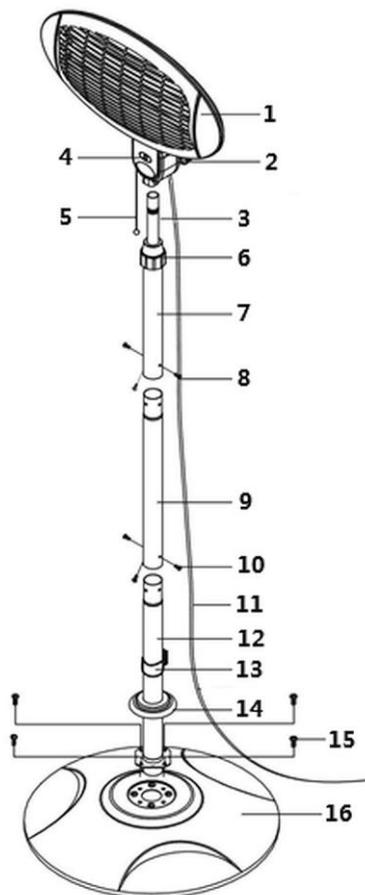


Fig. 1

4.3 Functions of the Appliance

The radiant heater is a perfect heat source outdoors and it is easy to install. High quartz heating tube power caters for instant heat generation by the appliance. The heating level may be selected with the use of pull cord switch.

5 Installation and operation

5.1 Installation

Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



CAUTION!

Choking hazard!

Prevent children from accessing package materials, for instance: plastic bags and EPS.

- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels fixed on the appliance.
- **Never** place the appliance in humid or wet environment.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on surfaces that are:
 - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
 - sufficiently large, and thus enabling usage of the appliance with no problems;
 - easily accessible;
 - well ventilated.

Assembly

CAUTION!

Connect the appliance to the heat source only after its assembly.

1. Place the stand bottom tube (12) in the stand feet (16) and tighten it with M6x30 screws (15).
2. Then, to the stand bottom tube (12), connect the clip (13).

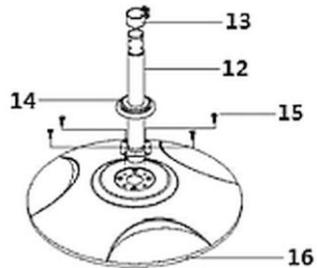


Fig. 2

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3. Tighten the stand bottom tube (12) and the stand middle tube (9) with 3 M5x6 screws (10).

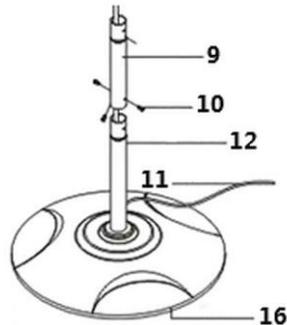


Fig. 3

4. Tighten the stand top tube (7) and the stand middle tube (9) with 3 M5x6 screws (8).

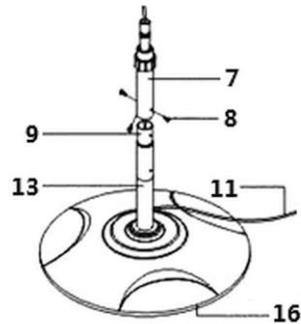


Fig. 4

5. Fix the radiant heater (1) on the extension tube (3) of the stand top tube (7).
6. Fix the radiant heater (1) with the interlocking screw (2), which is located behind the heating level indicator (4).
7. Then, using the rotating connection sleeve (6), fix the extension tube (3) in a desired position.

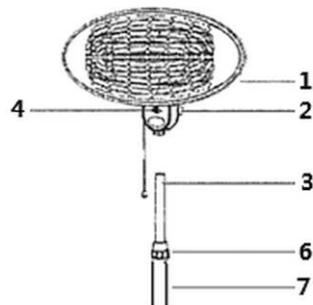


Fig. 5

- Position the appliance outdoors or in a large, open, and well-ventilated area.
- Make sure that there are no obstacles nor objects in the installation location, which might be affected by high temperatures (e.g.: branches, furniture, curtains or other easily flammable objects).
- Leave at least 60 cm clearance between the terrace heater and other objects.
- **Never** position the appliance in direct vicinity of water pools, ponds, bathtubs, saunas nor showers.
- If possible, do **not** position the appliance in passage ways to avoid tipping as a result of accidental contact with the heater.
- Do not position the appliance over nor under an electric mains socket.

Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.
- Do not use the appliance with an external timer or remote control.

5.2 Operation

Preparation of the Appliance

1. Before use, clean the appliance, observing instructions in section 6 “**Cleaning**”.
2. Dry the appliance thoroughly.

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Operation of the Appliance



WARNING!

During operation, the housing and protective mesh become very hot and remain hot for a while after switching the appliance off.

Do not touch the appliance during operation nor immediately after its switching off.

Do not relocate operating appliance. Leave the appliance to cool down first.

Keep children and pets away from the appliance.

1. Plug the appliance into a suitable single socket.

The radiant heater with quartz heating tubes is switched on with the pull cord switch. When the appliance is being switched on, small vibrations are noticeable, but they cease after a few seconds.

2. Switch the **heating level 1 (650 W — standard energy)** on, pulling the pull cord switch of heating levels once.
3. Switch the **heating level 2 (1,300 W — medium energy)** on, pulling the pull cord switch of heating levels twice.

Installation and operation

4. The **heating level 3 (2,000 W — full energy)** is switched on by pulling the pull cord switch of heating levels thrice.

The selected heating level is shown in the heating level indicator.

The inclination angle of the radiant heater (1) may be set in the range of 0° – 45°.

WARNING!

Risk of burns!

The heater becomes very hot during operation!

Never change the inclination angle during operation.

5. Before changing of the inclination angle (Fig. 6), switch the appliance off and leave it to cool down for 15 minutes.

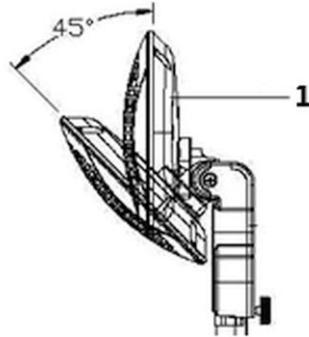


Fig. 6

Height Adjustment

The height of the radiant heater may be set in the range of 1.8 m – 2.1 m.

1. To this end, pull out the extension tube (3) from the stand top tube (7), until it reaches the desired height.
2. Then fix the extension tube by rotating the connection sleeve (6) clockwise.

Switching the Appliance Off

1. To switch off the appliance, pull the pull cord repeatedly, until '0' is shown on the heating level indicator.
2. Finally, disconnect the appliance from the socket (pull the plug!).

Protection Against Falling

The appliance is provided with a **protection against falling** that switches the appliance off automatically in the case of accidental impact or tipping (e.g., when it is tipped over by a strong blast of wind).

The appliance resumes operation when it is brought up into upright position.

6 Cleaning

6.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

6.2 Cleaning

1. Clean the appliance regularly.
2. Wipe the housing and base of the appliance with a soft, damp cloth. Use mild cleaning agent if required.
3. Dry washed surfaces thoroughly afterwards.
4. Clean the protective mesh with soft brush or a vacuum cleaner.

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7 Disposal

Electrical Appliance



Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.

Electrical appliances should be returned to designated collection points.