

# ASSEMBLY AND INSTRUCTION MANUAL (EN)

# mill

Series: PTC Fan Heater

Model: HT500

This product is only suitable for well insulated spaces or occasional use.

## Table of contents

p. 3-5 Important Safety Information

p. 6 Specifications

p. 6 Before first use

p. 6 Description of the heater

p. 7 Instructions for use

p. 7 Use

p. 9 Maintenance

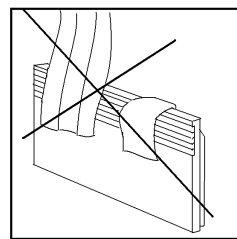
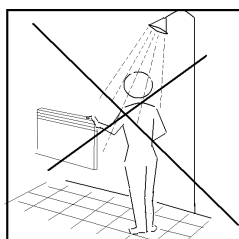
pp. 9 Warranty

p. 9 Waste Disposal

**Please read the instructions carefully before use.**

**Take care of this manual for later use.**

**NEVER TOUCH YOUR HEATER OR ITS CASING WITH WET HANDS!**



**IN ORDER TO AVOID OVERHEATING, DO NOT COVER THE HEATER.**

## Important safety information

You must obey common safety guidelines when using electrical products, especially in the presence of children.

**WARNING!** To avoid electric shock or damage due to the heat, always make sure the plug is pulled out before the heater is moved or cleaned.

### READ THE INSTRUCTIONS CAREFULLY

- The product is intended for home use only.
- Make sure the heater is connected to the house's regular mains, as it indicated on the heater.
- New heaters will produce a specific odor when used the first time. This will stop after a short time and is completely harmless.
- Check for any pieces of packing foam or cardboard that may have fallen into the heating elements of the heater. These pieces must be removed in order to avoid unpleasant odors.
- Prevent the heater from overheating – **do not cover**.
- Always turn off the heater and unplug it when not used for a long time.
- Pay special attention if the heater is used in rooms where children, the handicapped or elderly reside.
- The heater should not be set up directly beneath an electrical socket outlet.

- The heater must not be used if either the cord or plug is damaged. The heater must not be used if it has been dropped on the floor or is damaged in any other way causing it to malfunction.
- The cord must be repaired by the manufacturer or by an expert if it has been damaged, to avoid dangerous situations.
- Avoid using extension cords, which may overheat and could possibly start a fire.
- Never cover the air vents on the heater. Avoid potential fire hazards by making sure the air intakes are not blocked or covered. The heater should be used in rooms with normal flat floors.
- The heater should not be installed in close proximity to flammable materials of any kind because there can always be a risk of fire.
- The heater must never be used in rooms where gasoline, paint or other flammable liquids are stored, such as in a garage.
- Never touch an electric heater with wet hands.
- 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.
- The heater must be switched off, the plug removed and the heater must cool down before it is moved.

- Avoid overloading the mains (the circuit) where the heater is connected. The heater may overload the electrical circuit if other electrical devices are plugged into the same socket outlet.
- Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- The device cannot be used by children under 8 years of age and persons with reduced physical or mental abilities or lack of experience and knowledge unless they have been given supervision or instruction in the safe use of the device and understand the hazards involved.
- Children should not play with the device. Cleaning and maintenance should not be done by unsupervised children.
- Children under the age of 3 should be kept away from the device, unless they are under constant supervision.
- Children aged 3 to 8 years are only permitted to turn the device ON/OFF, assuming the device is mounted according to the assembly instructions and the children have received instruction or supervision in the safe use of the device and understand the hazards involved.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimmingpool.

**ATTENTION! This heater is only meant to be used as a supplementary heating source, and must not be used without supervision.**

# Specifications

| Model | Thermostat | Color       | Amperage             | Power (W) |
|-------|------------|-------------|----------------------|-----------|
| HT500 | Electronic | White/Black | 220-240V<br>50/60 Hz | 500       |

## Before first use

After unpacking the heater, check to make sure the product was not damaged during transport. Contact the retailer or importer if you discover any visible damages to the product.

Keep the outer packaging to transport the heater in the future. If you want to dispose of the packaging, make sure it is done properly. Keep plastic bags away from children.

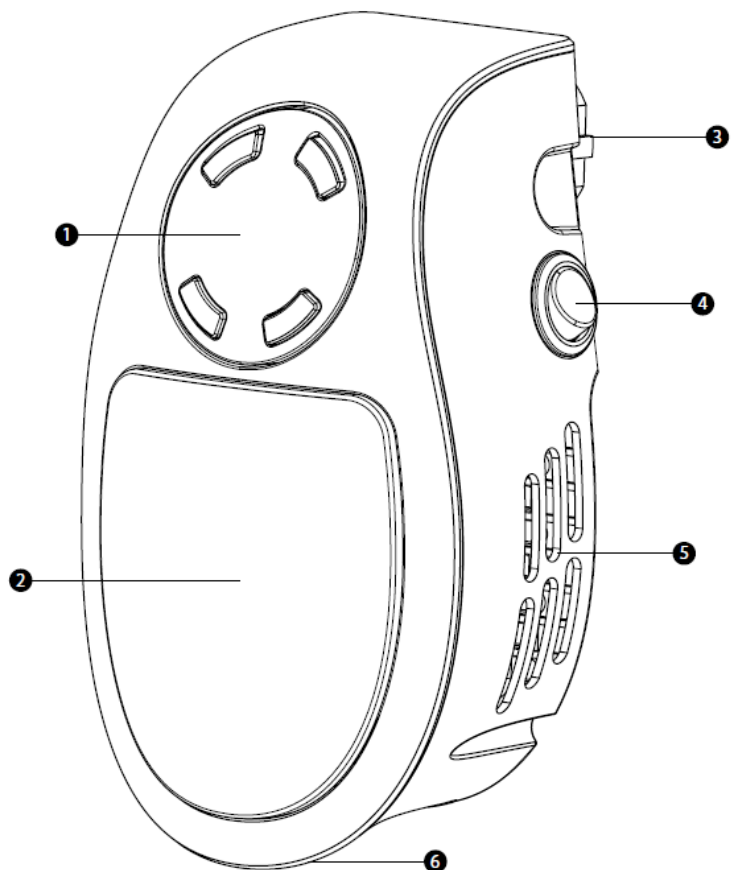
## First use

After turning on the heater for the first time or after an extended period without use, the heater can produce a burnt odor for a short time. This is normal.

Please read all the instructions carefully before use. Save the instruction manual for future use.

## Description of heater

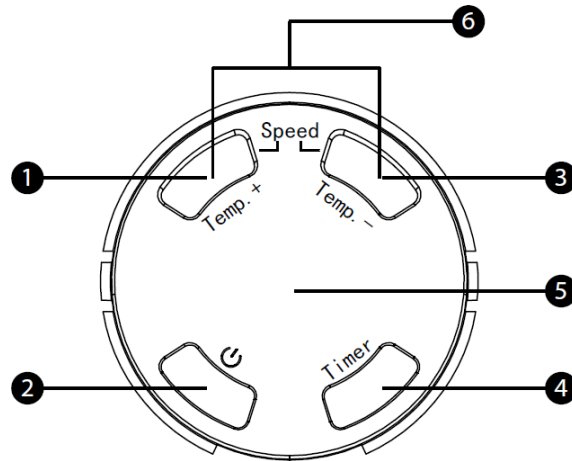
1. Control panel
2. Heat emission
3. Plug
4. ON/OFF button
5. Intake of cold air
6. Night light



# Instructions

## Control panel

1. Button to increase the temperature
2. ON / Standby
3. Button to lower the temperature
4. Timer
5. LED display
6. Fan speed (low / high)



**ATTENTION! This heater is only meant to be used as a supplementary heating source, and must not be used without supervision.**

## Use

1. Insert the plug into a grounded electrical outlet.  
**NOTE! The fan heater must be placed in an upright position so that the control panel is at the top. Minimum distance from the bottom of the fan heater to the ground or other objects must be 10 cm. The minimum distance between the sides of the heater and any walls or other objects must be 50 cm.**
2. Press the ON / OFF button on the side of the heater to turn it on. The night light is activated.
3. Press the ON / Standby button on the control panel to start the heater.
4. Press Temp + to increase the temperature.
5. Press Temp- to lower the temperature.
6. To adjust the speed of the fan, press Temp + and Temp- simultaneously. You can then choose between 2 speeds low / high.
7. Press Timer to activate timer function (0-12 hours).

**Timer OFF:** When the fan heater is on press Timer. The display now changes from temperature to hours. Keep pressing the Timer button until you have reached the desired number of hours you want the fan heater to be activated before it switches off automatically. You have the choice between 0 to 12 hours.

**Timer ON:** When the heater is in standby press Timer. The display now changes from temperature to hours. Keep pressing the Timer button until you have reached the desired time for when you want the fan heater to switch on automatically. You have the choice between 0 to 12 hours.

**Deactivating the timer:** Press the timer button until the number 0 appears on the display. The timer function is now closed.

8. Press the ON / Standby button when you want to turn off the heater. This will stop the heating function, but the fan will continue to blow air for about 1 minute for the heater to cool down. The fan will then switch off automatically. Press the OFF button on the side of the heater and pull the plug out of the socket.

# SEASONAL ENERGY EFFICIENCY

## Information requirement for the electric local space heaters

| Model identifier(s): HT500               |   |         |   |  |      |
|--|---|---------|---|--|------|
| Item                                     | Symbol  | Value   | Unit  | Item   | Unit |
| <b>Heat output</b>                       |   |         | <b>Type of heat input, for electric storage local space heaters only (select one)</b> |  |      |
| Nominal heat output                      | P <sub>nom</sub>  | 0,5     | kW  | manual heat charge control, with integrated thermostat                       | No   |
| Minimum heat output (indicative)         | P <sub>min</sub>  | 0,0     | kW  | manual heat charge control with room and/or outdoor temperature feedback     | No   |
| Maximum continuous heat output           | P <sub>max,c</sub>  | 0,5     | kW  | electronic heat charge control with room and/or outdoor temperature feedback | No   |
| <b>Auxiliary electricity consumption</b> |   |         |   | fan assisted heat output   | No   |
| At nominal heat output                   | e <sub>lmax</sub>   | N/A     | kW  | <b>Type of heat output/room temperature control (select one)</b>             |      |
| At minimum heat output                   | e <sub>lmin</sub>   | N/A     | kW  | single stage heat output and no room temperature control                     | No   |
| In standby mode                          | e <sub>lSB</sub>  | 0,00038 | kW  | Two or more manual stages, no room temperature control                       | No   |
|  |   |         |   | with mechanic thermostat room temperature control                            | No   |
| Seasonal space heating energy efficiency | $\eta_s$  | 37 %    |   | with electronic room temperature control                                     | Yes  |
|  |   |         |   | electronic room temperature control plus day timer                           | No   |
|  |   |         |   | electronic room temperature control plus week timer                          | No   |
|  |   |         |   | <b>Other control options (multiple selections possible)</b>                  |      |
|  |   |         |   | room temperature control, with presence detection                            | No   |
|  |   |         |   | room temperature control, with open window detection                         | No   |
|  |   |         |   | with distance control option   | No   |
|  |   |         |   | with adaptive start control  | No   |
|  |   |         |   | with working time limitation   | Yes  |
|  |   |         |   | with black bulb sensor   | No   |
| Contact details                          | Mill International AS<br>Grini Næringspark 10, 1361 Østerås, Norway |         |   |  |      |



## Maintenance

- 1) For cleaning, always unplug the heater and leave it to cool.
- 2) Wipe the heater regularly with a damp cloth and dry the surface before turning on the heater again.
- 3) The heater must be cleaned at least once a month during the heating season.

**CAUTION!** The heater should never be immersed in water.

**Avoid using detergents to clean the heater.**


**Never let any water get inside the heater; this can be hazardous.**

- 4) Dust etc. should be removed with a soft cloth.
- 5) The heater can be stored in a dry and clean place.
- 6) If the heater stops working, do not attempt to repair it yourself because it can cause a fire hazard and/or electric shock.

## Warranty

The warranty is valid for 2 years. The heater will be repaired or replaced during this time should any malfunction occur. The warranty applies if the heater is used according to these instructions and the customer can present a purchase receipt. If the heater malfunctions in any way, please contact the store where it was purchased or the importer.

## Waste disposal

The symbol  indicates that this product is not to be disposed of together with household waste. This product must be delivered to a recycling service or container for electrical appliances and electronic equipment. This is done to avoid health risks and prevent harm to the environment. Local businesses (or the environmental station in your neighborhood) are required by law to accept and recycle such products, as a means of environmentally sound disposal.



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