

VEVOR Sauna Heater 6KW

VEVOR 6KW Sauna Heater with Internal Controller Instruction Manual

Model: Sauna Heater 6KW | Brand: VEVOR

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your VEVOR 6KW Sauna Heater. Please read all instructions carefully before installation, operation, or maintenance. Retain this manual for future reference.

IMPORTANT SAFETY INSTRUCTIONS

- Electrical Hazard:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure proper grounding.
- Burn Hazard:** The sauna heater and stones become extremely hot during operation. Avoid direct contact. Keep children and pets away from the heater.
- Fire Hazard:** Do not place flammable materials near the heater. Ensure adequate clearance from walls and benches as specified in the installation section. Do not operate without sauna stones.
- Ventilation:** Proper ventilation is crucial for safe operation. Ensure the sauna room has adequate air circulation.
- Water Usage:** Only pour small amounts of water onto the hot stones to create steam. Excessive water can damage the heating elements and pose a safety risk.
- Maintenance:** Disconnect power before performing any maintenance or cleaning.

PRODUCT OVERVIEW

The VEVOR 6KW Sauna Heater is designed for dry steam baths in home and commercial sauna rooms. It features a durable stainless steel construction, efficient heating coils, and an internal control system for easy temperature and time adjustments.



Figure 1: VEVOR 6KW Sauna Heater with internal controls.

Key Features:

- **Premium Construction:** Stainless steel shell for durability and corrosion resistance.
- **Fast Heating:** 316 stainless steel heating coils ensure rapid heat-up.
- **Internal Controls:** Integrated knobs for adjusting temperature (up to 90°C) and operating time (up to 60 minutes).
- **Wall-Mounted Design:** Space-saving installation with pre-drilled brackets.
- **Suitable Room Size:** Designed for sauna rooms between 5-9m³ (176-318 cubic feet) with a height of approximately 190cm.



Figure 2: Illustration of the sauna heater's stainless steel structure and heating elements.



Figure 3: Close-up of the built-in temperature and timer controls.

SPECIFICATIONS

Feature	Detail
Power	6KW
Sauna Type	Dry Steam
Working Voltage	220-240V
Wire Requirement	3*10 (N*mm²)
Heating Coil Material	316 Stainless Steel
Shell Material	430 Stainless Steel

Feature	Detail
Max Temperature	90°C (194°F)
Timer Range	Max. 60 minutes
Suitable Sauna Room Volume	5-9m³ (176-318 cubic feet)
Suitable Sauna Room Height	Approx. 190cm (6.2 feet)
Sauna Stone Requirement	Approx. 18kg (35 lbs) - <i>Not included</i>
Product Dimensions	16.93 x 13.78 x 24.41 inches (43 x 35 x 62 cm)
Item Weight	24.2 pounds (11 kg)
Certifications	UL(us) Certified, CE IPX4

PRODUCT SPECIFICATIONS:

Item Size: 15.7x9x22 in / 40x23x56 cm
Power: 6 KW

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Figure 4: Detailed product dimensions and specifications.

SETUP AND INSTALLATION

Installation of the VEVOR Sauna Heater requires careful attention to electrical and safety guidelines. It is highly recommended that a qualified electrician performs the electrical wiring.

1. Pre-Installation Considerations:

- Ensure your sauna room meets the recommended volume and height requirements (5-9m³, approx. 190cm height).
- Verify that your electrical supply matches the heater's requirements (220-240V).
- Prepare the necessary wiring (3*10 N*mm² wire recommended).
- Ensure adequate ventilation in the sauna room.

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Video 1: This video demonstrates the detailed display and features of the sauna heater, including its internal components and controls.

2. Mounting the Heater:

1. Measure the distance of the screw holes on the back of the sauna stove.
2. Mark the corresponding positions on the sauna room wall.
3. Install screws on the wall, ensuring they are approximately 35cm (13.8 inches) above the ground.
4. Carefully hang the sauna stove onto the installed screws, ensuring it is securely in place.

WALL-MOUNTED HEATER

Easy to be installed for saving your time and energy



Figure 5: Illustration of the wall-mounted installation process, showing the pre-drilled brackets.

3. Electrical Wiring (220-240V):

WARNING: Electrical installation must be performed by a licensed electrician. Ensure power is disconnected at the main breaker before starting any wiring.

- Locate the wiring terminal block inside the heater's control panel.
- Connect the L1 and L2 (live) wires from your power supply to the corresponding L1 and L2 terminals on the heater.
- Connect the ground wire to the ground terminal (marked with a ground symbol).
- Ensure all connections are tight and secure.

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Video 2: This video provides a step-by-step guide on how to wire the sauna heater for operation, including connecting the power cord and temperature probe.

4. Loading Sauna Stones:

- Place approximately 18kg (35 lbs) of sauna stones into the stone compartment.
- Ensure the stones are not packed too densely to allow for proper air circulation and heat distribution.
- The stones should cover the heating elements but not obstruct the air vents.
- *Note: Sauna stones are not included with the heater.*



Figure 6: Sauna heater with stones in place, ready for use.

OPERATING INSTRUCTIONS

Once installed and wired correctly, your VEVOR Sauna Heater is ready for operation.

1. Setting the Timer:

- Turn the timer knob to your desired operating time, up to a maximum of 60 minutes.
- The heater will begin to heat once the timer is set.

2. Adjusting Temperature:

- Turn the temperature knob to set the desired sauna temperature. The maximum temperature is 90°C (194°F).
- The heater will cycle on and off to maintain the set temperature.

3. Creating Steam (Löyly):

- Once the stones are hot, carefully ladle small amounts of water onto them to create steam.
- Do not pour large quantities of water at once, as this can damage the heater and create excessive steam.
- Use only clean water.



Figure 7: Enjoying a sauna session with steam generated by the heater.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your sauna heater.

- **Cleaning:** Periodically wipe down the exterior of the heater with a damp cloth. Do not use abrasive cleaners or solvents.

- **Stone Inspection:** Inspect sauna stones regularly for signs of crumbling or deterioration. Replace any broken or worn-out stones to ensure efficient heating and prevent damage to the elements.
- **Electrical Connections:** Annually, have a qualified electrician inspect all electrical connections for tightness and signs of wear.
- **Ventilation:** Ensure that air vents are not blocked by debris or lint.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply, tripped circuit breaker, faulty wiring, timer not set.	Check power supply and circuit breaker. Verify wiring connections. Ensure timer is set correctly. Consult a qualified electrician if issues persist.
Heater not reaching desired temperature.	Incorrect temperature setting, insufficient sauna stones, poor room insulation, ventilation issues, faulty heating element.	Adjust temperature setting. Ensure sufficient and properly placed sauna stones. Check sauna room insulation and ventilation. Contact customer support if heating elements are suspected to be faulty.
Excessive steam or water dripping.	Too much water poured onto stones, stones not hot enough.	Pour smaller amounts of water. Allow stones to heat thoroughly before adding water.
Unusual noises during operation.	Loose components, stones shifting, normal expansion/contraction.	Ensure heater is securely mounted. Rearrange stones if they are unstable. Some minor noises from thermal expansion are normal.

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact VEVOR customer service. Refer to your purchase documentation for specific warranty terms and conditions.

Manufacturer: VEVOR

Website: www.vevor.com

