

Harvia KIP80B

Harvia KIP80B KIP Series 8kW Sauna Heater Instruction Manual

Model: KIP80B (14-JH80B2401MI)

Brand: Harvia

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Harvia KIP80B KIP Series 8kW Sauna Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these guidelines are crucial for safe and efficient operation.

The Harvia KIP80B sauna heater is designed to power home saunas up to 424 adjusted cubic feet (ACF). It features durable stainless-steel construction, industrial-grade heating elements, and a built-in control panel for ease of use.

Key Features:

- Wall-mounted design for efficient space utilization.
- Robust stainless steel construction ensures durability.
- Suitable for sauna rooms ranging from 250 to 425 cubic feet.
- Integrated control panel for convenient temperature and timer adjustments.
- Industrial-grade, serviceable heating elements for reliable performance.
- Direct rock-to-heating element contact for optimal heat transfer.
- UL Listed for safety compliance.
- Designed, engineered, and manufactured in Finland.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, serious injury, or death. Only qualified electricians should perform electrical installations.

- Always ensure the sauna heater is installed by a licensed electrician in accordance with all local and national electrical codes.

- Do not operate the heater without sauna stones properly placed in the stone compartment.
- Never cover the heater with towels or clothing, as this poses a fire risk.
- Keep flammable materials away from the heater. Maintain specified safety distances.
- Children and individuals with reduced physical, sensory, or mental capabilities should be supervised or instructed on safe use.
- Do not pour excessive amounts of water on the hot stones; a small ladle is sufficient.
- Ensure adequate ventilation in the sauna room.
- Disconnect power before any maintenance or servicing.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged:

- Harvia KIP80B Sauna Heater Unit
- Sauna Stones (quantity sufficient for the heater)
- Instruction Manual (this document)
- Mounting Hardware (screws, brackets, if applicable)

If any items are missing or damaged, contact your retailer immediately.

SETUP AND INSTALLATION

Installation must be performed by a qualified electrician and in compliance with all applicable local and national building and electrical codes.

1. Choosing the Installation Location:

- The heater is designed for wall-mounting. Select a sturdy wall capable of supporting the heater's weight.
- Observe minimum safety distances to walls, ceiling, and benches as specified in the installation diagram (refer to separate installation guide for detailed diagrams).
- Ensure the location allows for proper air circulation around the heater.

2. Mounting the Heater:

- Secure the mounting bracket to the wall at the recommended height using appropriate fasteners.
- Carefully lift the heater and hang it onto the mounting bracket. Ensure it is securely seated.

3. Electrical Connection:

- **WARNING:** Disconnect power at the main circuit breaker before making any electrical connections.
- Connect the heater to a dedicated circuit with appropriate voltage and amperage as specified in the technical data section.
- Ensure proper grounding.
- All wiring must be heat-resistant and suitable for sauna conditions.

4. Stone Placement:

Proper stone placement is critical for safe and efficient operation. Use only genuine Harvia sauna stones.

- Wash the sauna stones thoroughly to remove any dust or debris before placing them.
- Arrange the stones loosely in the stone compartment, allowing air to circulate between them. Do not pack them too tightly.
- Place smaller stones at the bottom and larger stones on top.
- Ensure that the heating elements are completely covered by stones but not obstructed.
- Do not use ceramic stones or other artificial stones, as they may damage the heater.



Image: Close-up of the Harvia KIP80B heater showing the sauna stones correctly arranged in the stone compartment, covering the heating elements.



Image: The Harvia KIP80B sauna heater installed on a wall in a sauna room, positioned next to wooden benches. A bucket and ladle are visible nearby.

OPERATING INSTRUCTIONS

The Harvia KIP80B features a built-in control panel for easy operation.

1. Initial Start-up:

- After installation and stone placement, turn on the power at the main circuit breaker.
- The first heating cycle may produce a slight odor from the protective coating on the heating elements. Ensure good ventilation during this period.

2. Using the Built-in Controls:

The control panel typically includes a thermostat dial and a timer dial.

- **Thermostat Dial:** Rotate to set the desired sauna temperature. Start with a moderate setting and adjust as preferred.

- **Timer Dial:**

- Set the desired operating time (e.g., 1-4 hours). The heater will turn off automatically after the set time.
- Some models may include a pre-set function, allowing you to set a delay for the heater to turn on. Consult the specific control panel markings for details.

3. Adding Water to Stones:

- Once the stones are hot, you may gently ladle small amounts of clean tap water onto them to create steam (*löyly*).
- Do not pour large quantities of water at once, as this can cool the stones too quickly and potentially damage the heater.
- Never use chlorinated pool water or water containing fragrances or chemicals, as these can damage the heater and release harmful fumes.

MAINTENANCE

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

1. Cleaning:

- Ensure the heater is completely cool and disconnected from power before cleaning.
- Wipe the exterior of the heater with a damp cloth. Do not use abrasive cleaners or solvents.
- Periodically remove dust and debris from the air vents to maintain proper airflow.

2. Sauna Stone Maintenance:

- Inspect the sauna stones at least once a year, or more frequently with heavy use.
- Remove all stones and discard any that are crumbling, cracked, or significantly smaller due to thermal stress.
- Rearrange the remaining good stones, placing smaller ones at the bottom and larger ones on top, ensuring good air circulation. Replace with new Harvia sauna stones as needed.
- Replacing stones regularly helps maintain heating efficiency and prevents damage to the heating elements.

TROUBLESHOOTING

Before contacting service, review these common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; circuit breaker tripped; timer not set; thermostat set too low.	Check main circuit breaker; ensure timer is set for operation; increase thermostat setting.
Heater heats slowly or not hot enough.	Insufficient stones; stones packed too tightly; incorrect room size for heater; poor insulation; heating elements faulty.	Check stone placement and quantity; verify sauna room size is within heater's capacity; inspect heating elements (by qualified personnel).

Problem	Possible Cause	Solution
Heater turns off prematurely.	Timer expired; overheating protection activated.	Reset timer; check for obstructions around heater; ensure proper ventilation. Allow heater to cool before restarting if overheating protection was triggered.
Unusual noise or smell.	New heater (initial burn-off); foreign object in stone compartment; damaged heating element.	Initial smell is normal; inspect stone compartment for debris; if persistent or strong, disconnect power and contact service.

If the problem persists after attempting these solutions, contact Harvia customer support or a qualified service technician.

SPECIFICATIONS

- **Model:** KIP80B (14-JH80B2401MI)
- **Power Output:** 8 kW
- **Voltage:** 240V (typically, verify with electrical specifications)
- **Sauna Room Volume:** 250 to 425 cubic feet (ACF)
- **Dimensions (W x D x H):** 16" x 11" x 24" (406mm x 279mm x 609mm)
- **Construction:** Stainless Steel
- **Controls:** Built-in
- **Certification:** UL Listed
- **Origin:** Designed, engineered, and made in Finland

WARRANTY INFORMATION

The Harvia KIP80B Sauna Heater comes with a **2-Year Limited Warranty** for consumer use. This warranty covers defects in materials and workmanship under normal use and service.

The warranty does not cover damage resulting from improper installation, misuse, abuse, neglect, unauthorized repairs, or the use of non-Harvia approved sauna stones. For full warranty terms and conditions, please refer to the official Harvia warranty document or contact customer support.

To make a warranty claim, proof of purchase is required. Keep your receipt or invoice in a safe place.

CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty inquiries, please contact Harvia customer support:

- **Website:** www.harvia.com (for general information and contact details)
- **Retailer:** Contact the retailer from whom you purchased the product for immediate assistance.

When contacting support, please have your product model (KIP80B) and serial number (if applicable) ready.

