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› Harvia The Wall SW90 Electric Sauna Heater User Manual

## Harvia 16565

# Harvia The Wall SW90 Electric Sauna Heater User Manual

Model: SW90 (16565) | Brand: Harvia

## 1. PRODUCT OVERVIEW

The Harvia The Wall SW90 is a modern electric sauna heater designed for efficient and reliable heating of your sauna room. Its sleek, wall-mounted design saves space and integrates seamlessly into various sauna interiors. This model features an integrated control unit for convenient operation and is compatible with both single-phase and three-phase electrical connections.

- **Integrated Control:** Equipped with an intuitive control panel for easy temperature and timer adjustments.
- **Compact Design:** Dimensions of 380 mm (W) x 610 mm (H) x 260 mm (D) make it suitable for various sauna sizes.
- **Durable Construction:** Made from high-quality stainless steel for longevity and aesthetic appeal.
- **Sauna Stones Required:** Operates with 10 kg of sauna stones (not included).



Front view of the Harvia The Wall SW90 electric sauna heater, showcasing its sleek stainless steel design and the top compartment filled with sauna stones.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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Read all instructions carefully before installation and use. Failure to follow these instructions may result in fire, electric shock, or injury.

- **Electrical Safety:** All electrical connections must be performed by a qualified electrician in accordance with local and national electrical codes. Ensure the correct voltage (multi-voltage: single-phase or three-phase) is supplied.
- **Sauna Stones:** Only use genuine sauna stones designed for electric heaters. Do not use ceramic or other

non-approved materials. Ensure stones are properly stacked to allow air circulation.

- **Ventilation:** Ensure adequate ventilation in the sauna room as per sauna construction guidelines.
- **Clearance Distances:** Maintain specified safety distances from walls, benches, and other combustible materials. Refer to the installation diagram for exact measurements.
- **Water Usage:** Only pour water on the hot sauna stones. Do not pour water directly on the heating elements or the heater's electrical components.
- **Supervision:** Do not leave children or individuals with reduced physical, sensory, or mental capabilities unsupervised near the operating heater.
- **Maintenance:** Disconnect power before any maintenance or cleaning.

### 3. PACKAGE CONTENTS

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Please check that all parts are present and undamaged before proceeding with installation.

- Harvia The Wall SW90 Electric Sauna Heater with Integrated Control Unit
- Mounting Bracket/Hardware (if applicable)
- User Manual (this document)
- *Note: Sauna stones are NOT included and must be purchased separately (approx. 10 kg required).*

### 4. SETUP AND INSTALLATION

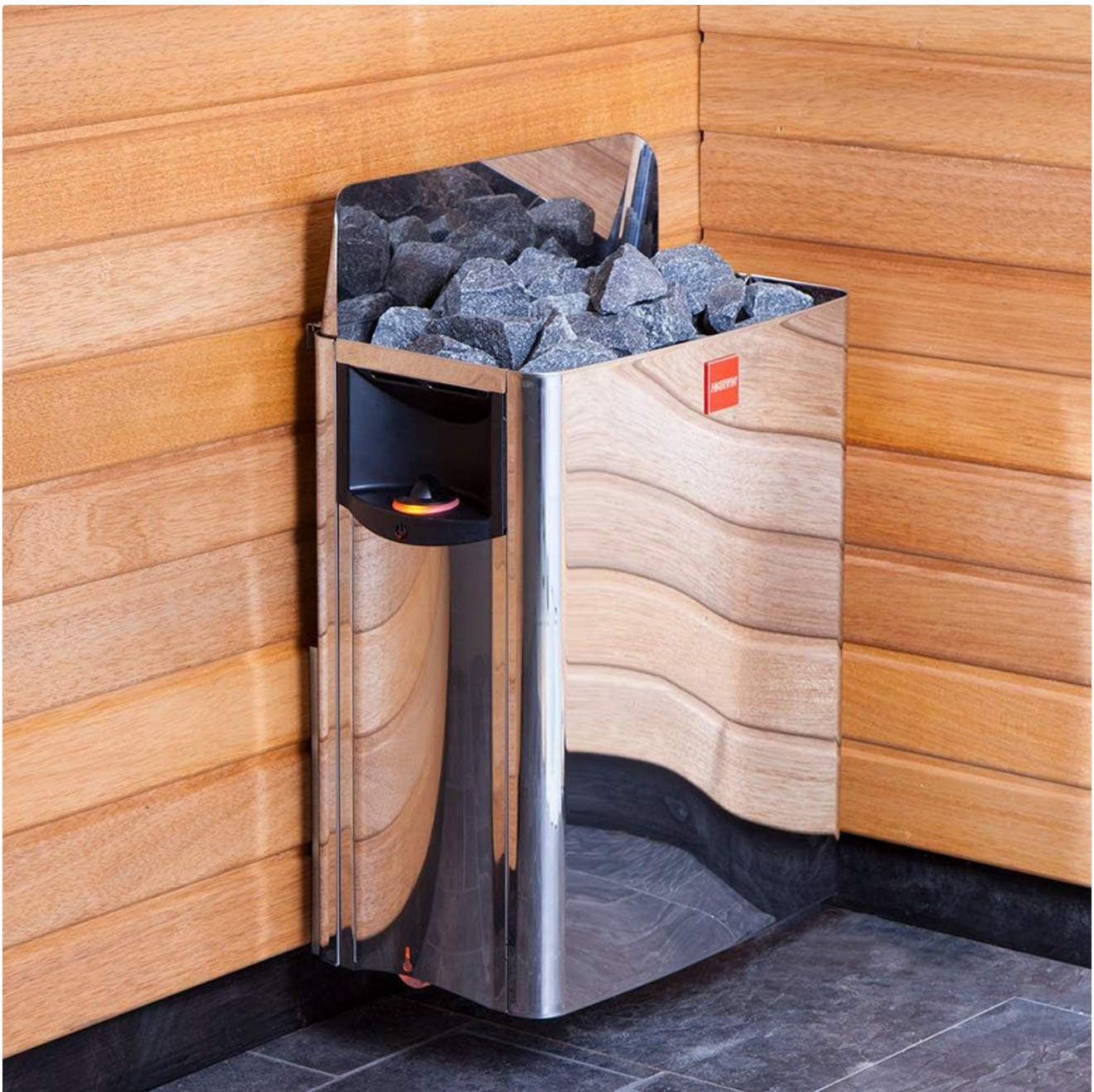
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#### 4.1 Pre-Installation Checklist

- Verify that the sauna room size is appropriate for a 9 kW heater.
- Ensure the electrical supply matches the heater's requirements (multi-voltage: single-phase or three-phase).
- Confirm that the wall where the heater will be mounted is structurally sound and can support the heater's weight.
- Check for proper ventilation in the sauna room.

#### 4.2 Mounting the Heater

The Harvia The Wall SW90 is designed for wall mounting. Select a suitable location in your sauna, ensuring all safety clearance distances are met. Use the provided mounting bracket and hardware to securely attach the heater to the wall.



The Harvia The Wall SW90 electric sauna heater mounted on a wooden sauna wall, demonstrating its compact, wall-mounted design and how it integrates into a sauna environment.



A closer view of the Harvia The Wall SW90 electric sauna heater installed, highlighting the integrated control panel on the side and the top opening for sauna stones.

### 4.3 Electrical Connection

**WARNING: Electrical work must only be performed by a licensed electrician.** Ensure the main power supply to the sauna room is disconnected before beginning any electrical work. Connect the heater to the appropriate power supply (single-phase or three-phase) according to the wiring diagram provided in the full installation manual and local electrical codes.

### 4.4 Adding Sauna Stones

Place approximately 10 kg of genuine sauna stones into the stone compartment of the heater. Arrange the stones loosely to allow for good air circulation, which is crucial for efficient heating and proper operation. Do not pack stones too tightly. Ensure no heating elements are visible after placing the stones.

## 5. OPERATION

### 5.1 Control Panel Overview

The Harvia The Wall SW90 features an integrated control panel located on the side of the heater. This panel allows you to control the heater's functions.



A detailed shot of the Harvia The Wall SW90's integrated control panel, featuring the rotary knob for temperature/timer settings and the power button with an illuminated ring.

## 5.2 Turning On/Off

To turn the heater on, press the power button on the control panel. The indicator light will illuminate. To turn it off, press the power button again.

## 5.3 Temperature Adjustment

Rotate the knob on the control panel to adjust the desired sauna temperature. The heater will automatically maintain the set temperature.

## 5.4 Timer Function

The integrated control unit typically includes a timer function. Consult the detailed installation and operation manual for specific instructions on setting the timer for delayed start or operating duration.

## 5.5 Using Water on Stones

Once the sauna stones are hot, you can gently ladle small amounts of water onto them to create steam and increase humidity. Use only clean tap water. Do not pour excessive amounts of water at once, and avoid pouring water directly onto the heating elements.

# 6. MAINTENANCE

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## 6.1 Cleaning

Ensure the heater is completely cool and disconnected from the power supply before cleaning. Wipe the exterior

surfaces with a damp cloth. Do not use abrasive cleaners or solvents.

## 6.2 Stone Replacement

Sauna stones should be inspected regularly (at least once a year, or more frequently with heavy use) and replaced as needed. Over time, stones can crumble and lose their heat retention properties. Replace any cracked or disintegrated stones to ensure optimal performance and safety.

## 6.3 Regular Inspections

Periodically check the electrical connections for any signs of wear or damage. Ensure the heater's mounting is secure. If any issues are observed, contact a qualified technician.

## 7. TROUBLESHOOTING

| Problem                                   | Possible Cause  | Solution   |
|---|---|--|
| Heater does not turn on                   | No power supply; tripped circuit breaker; faulty wiring.  | Check circuit breaker/fuse. Ensure power cord is properly connected. Consult an electrician for wiring issues.                           |
| Heater does not heat sufficiently         | Incorrect temperature setting; insufficient sauna stones; poor air circulation; faulty heating element. | Increase temperature setting. Add or rearrange sauna stones. Ensure proper ventilation. Contact service if heating element is suspected. |
| Heater overheats or shuts off prematurely | Overheating protection activated; poor air circulation; blocked ventilation.                            | Allow heater to cool. Check for obstructions around the heater. Ensure proper stone stacking and ventilation.                            |
| Unusual noises from heater                | Loose stones; foreign objects in stone compartment; faulty components.                                  | Rearrange stones. Inspect for foreign objects. If noise persists, contact service.   |

## 8. TECHNICAL SPECIFICATIONS

| Feature                | Specification                       |
|------------------------|-------------------------------------|
| Model                  | Harvia The Wall SW90                |
| Manufacturer Reference | 16565                               |
| Power Output           | 9.0 kW                              |
| Dimensions (W x H x D) | 380 mm x 610 mm x 260 mm            |
| Required Floor Space   | 48 cm x 29 cm                       |
| Weight                 | 14.1 kg (without stones)            |
| Sauna Stone Capacity   | Approx. 10 kg (stones not included) |
| Control Unit           | Integrated                          |
| Material               | Stainless Steel                     |

## 9. WARRANTY AND SUPPORT

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Harvia products are manufactured to high standards and come with a manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact your authorized Harvia dealer or visit the official Harvia website for contact information in your region. Always provide your product model number (SW90) and manufacturer reference (16565) when seeking support.