

Dreo DR-HSH017S

Dreo Smart Wall Heater User Manual

Model: DR-HSH017S | Brand: Dreo

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Dreo Smart Wall Heater. Please read all instructions carefully before installation and use, and retain this manual for future reference. The Dreo Smart Wall Heater is designed to provide powerful and efficient warmth for indoor spaces. It features PTC heating technology, 30° manual oscillation, an adjustable thermostat, and multiple control options including remote control, the Dreo app, and voice commands via Alexa.

SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- Always ensure the heater is unplugged before making any adjustments or performing maintenance.
- Do not block air intakes or exhaust in any manner. Do not use on soft surfaces where openings may become blocked.
- Do not use outdoors. This heater is designed for indoor use only.
- Do not use in bathrooms, laundry areas, or similar indoor locations with high humidity. The heater has an IP24 waterproof rating, but direct water exposure should be avoided.
- Always adjust the outlet direction only when the heater is OFF to prevent burns.
- The heater is constructed with 5 VA flame-retardant materials for enhanced safety.
- Features overheat protection to automatically shut off if internal temperatures exceed safe limits.
- Keep children and pets away from the heater during operation. Utilize the Child-Lock feature for added safety.

PACKAGE CONTENTS

- Dreo Smart Wall Heater Unit
- Remote Control
- User Manual
- Quick Start Guide
- Accessory Package (including wall anchors and screws for mounting)

SETUP AND INSTALLATION

The Dreo Smart Wall Heater is designed for easy wall mounting, but can also be used freestanding on a stable surface. Ensure the power cord (70.8 inches) can reach an outlet without strain.

Wall Mounting Steps:

1. **Choose Location:** Select a suitable wall location, ensuring it is clear of obstructions and within reach of a power outlet.
2. **Mark Drilling Positions:** Use the provided drilling guide template to mark the positions for the wall anchors. Ensure the guide is level using the built-in bubble level. **Do not drill directly through the guide.**
3. **Drill Holes:** Make the necessary drillings for the wall anchors.
4. **Install Wall Anchors:** Fix the wall anchors into the drilled positions.
5. **Screw Top Anchors:** Screw ONLY the two top anchors, leaving at least a 1/5 inch gap from the wall.
6. **Hang Heater:** Carefully hang the heater unit from the top anchors.
7. **Secure Base Anchors:** Screw the two base anchors to secure the bottom of the heater to the wall.
8. **Unfold Power Cord:** Ensure the power cord is fully unfolded and can reach the outlet.
9. **Plug In:** Plug the heater into a 120V power outlet.



Image: The Dreo Smart Wall Heater unit, showcasing its sleek design, digital display, remote control, and smartphone app interface.

Multi-layer Protection



Image: Diagram illustrating the multi-layer safety features of the Dreco Smart Wall Heater, including flame-retardant materials, IP24 rating, overheat protection, and child lock.

OPERATING INSTRUCTIONS

Your Dreco Smart Wall Heater offers various modes and controls for optimal comfort.

Control Panel:

The heater features a digital display and touch controls on the unit itself. These allow for direct power on/off, mode selection, temperature adjustment, and timer settings.

- **Power On/Off:** Touch the power icon to turn the heater on or off.
- **Heat Level/Mode:** Cycle through different heat levels (H1, H2, H3) or select Fan Only or ECO mode.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set your desired temperature.
- **Timer:** Set a 24-hour timer for automatic shut-off.
- **Display Lighting:** Adjust the display screen's lighting for comfort.

Heat Modes:

- **Heat (H1, H2, H3):** Provides powerful warmth with three adjustable heat levels. The PTC heating system ensures fast heat delivery.
- **Fan Only:** Circulates air without heating, useful for year-round comfort.
- **ECO Mode:** Automatically adjusts heating power to maintain your set temperature, optimizing energy efficiency.

Oscillation:

The heater features 30° manual oscillation, allowing you to direct the heat precisely where needed. **Only adjust the outlet direction when the heater is OFF.**

DREO

NO.1

Space Heater

Two Consecutive Years on Amazon U.S.

DREO | WH517S

Bring up the Heat Elevate Comfort



50% Heating Power

30° Manual Tilt Outlet Fin

*Source: Ranking based on the Stackline data for Amazon U.S. retail sales of space heaters from January 2023 to January 2025.

Image: The Dreo Smart Wall Heater demonstrating its 30-degree manual oscillation feature, directing warm air efficiently.

Accurate Temp Control



Image: Visual representation of the heater's precise temperature control, allowing settings between 41°F and 95°F with a dedicated thermal sensor.

SMART CONTROL

Control your Dreo Smart Wall Heater conveniently using the included remote control or the Dreo app.

Remote Control:

The remote allows you to power on/off, adjust heat levels, set the timer, and control the display lighting from a distance.

Dreo App & Voice Control:

Download the Dreo app to unlock advanced features and control your heater from anywhere. The app allows for precise temperature calibration, scheduling, and monitoring of usage. The heater also works with Alexa for convenient voice commands.



Image: A hand holding a smartphone displaying the Dreo app interface, showing remote control capabilities for the wall heater,

including scheduling and temperature adjustments.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Always unplug the heater and allow it to cool completely before cleaning. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or immerse the heater in water.
- **Storage:** If storing the heater for an extended period, unplug it and clean it thoroughly. Store it in a cool, dry place, preferably in its original packaging.
- **Cord Care:** Regularly inspect the power cord for any damage. Do not use the heater if the cord is damaged. The convenient cable recess on the back helps manage the 70.8-inch power cord.

TROUBLESHOOTING

If you encounter issues with your Dreo Smart Wall Heater, refer to the following common problems and solutions:

- **Heater Not Turning On:** Ensure the heater is properly plugged into a working 120V outlet. Check if the power button on the unit or remote is pressed. Verify that the circuit breaker has not tripped.
- **No Heat Output:** Check the selected heat level (H1, H2, H3). Ensure the ambient temperature is below the set temperature. If in ECO mode, the heater will only activate when needed.
- **Unusual Noise:** A low 28 dB noise level is normal during operation. If the noise is excessive or unusual, ensure the heater is mounted securely and there are no obstructions in the air inlets or outlets.
- **App Connectivity Issues:** Ensure your Wi-Fi network is stable. Restart the heater and your router. Follow the pairing instructions in the app carefully.
- **Overheat Protection Activated:** If the heater shuts off unexpectedly, it may have overheated. Unplug it, allow it to cool for 30 minutes, and check for any obstructions blocking the air vents before restarting.

SPECIFICATIONS

Feature	Detail
Brand	Dreo
Model Number	DR-HSH017S
Special Features	Adjustable Temperature, Digital Display, Electronic Thermostat, Remote Control, Wi-Fi Enabled
Color	White

Form Factor	Wall-Mounted
Indoor/Outdoor Usage	Indoor
Product Dimensions	12.2"D x 4.53"W x 16.02"H
Recommended Uses	Bedroom, Home, Indoor Use, Living Room, Office
Mounting Type	Wall Mount
Heating Coverage	150-750 sq.ft
Heat Output	1500 Watts
Fuel Type	Electric
Voltage	120 Volts
Min Temperature Setting	41 Degrees Fahrenheit
Max Temperature Setting	95 Degrees Fahrenheit
Item Weight	8.4 pounds

WARRANTY AND SUPPORT

Dreo provides a limited warranty for this product. For detailed warranty information, product support, or to register your product, please visit the official Dreo website or contact their customer service team. Keep your purchase receipt as proof of purchase.

For further assistance, please refer to the contact information provided in your product packaging or on the official Dreo website.