

# DREO | OH712



**NO.1**  
Space Heater Brand in The U.S.\*

\*Based on Stackline data for Amazon U.S. Retail Sales of Space Heaters from Jan 2023-Dec 2023

# Key Message House

Product Name

DREO Radiator OH712

Product Positioning

The Ultimate High-efficiency Noiseless Home Radiator with Advanced Safety Protection

Scenario

Living room, bedroom, office, baby room

Top KSPs

Consistent Warmth  
for Large Spaces

Cutting-edge  
Eco Mode

All-around Safety

Pure Heat  
Without Noise

Customer-centric Design

Supporting Evidence

1500w All-power Heating

Unstoppable Heating

- The advanced heat dissipation design ensures the heater safely maintains a consistent temperature without interruptions.

Upgraded Heating Element

- Larger heating area
- 8 M-shaped heating elements
- M-shaped design enhances heat dissipation

Heating Oil

- Premium Sealed Oil
- Upgraded Oil Circuit Design

Up to 60% Energy Savings

- ECO mode precisely manages heat output, helping you achieve up to 60% energy savings.

Segmented Compensation

- DREO's NTC sensor and temperature compensation algorithm ensure temperature readings that closely reflect the actual room temperature.

Precise Temperature Control

- From 41°F to 95°F, with ±1°F increments for exact warmth according to user preferences.

NTC Sensor with Higher Precision

- Provides precise temperature monitoring for more optimal comfort.

8-layer Protection

- The additional housing reduces surface temperature by 37.9%
- Patented FortPlug™
- V-0 Flame Retardant
- Overheat Protection
- Tip-over Protection
- Thermal Insulated Wiring
- ETL Listed
- Child Lock

Triple Overheating Protection

- Automatic Temperature Limit: Stops heating at 338°F (140°C in Europe), displays "FF", and resumes heating once cooled.
- Manual Temperature Limit: Cuts power at 356°F (170°C in Europe), requires manual reset after cooling.
- Software Temperature Limit: Stops heating when ambient temperature reaches 104°F.

Completely Silent Operation

- No fan means the heater is entirely silent.

Silent Buttons and Screen

- Enjoy quiet operation with silent buttons and a light-sensing screen that auto-turns off.

Maintains Air Moisture

- Without a fan, the heater does not dry out the air around the environment.

Innovative Rear Cord Management

- Designed based on user feedback, it facilitates easy handling and storage of the power cord.

24-Hour Timer

- Conveniently schedule heating times.

Three Heating Settings

- Choose from 600W, 900W, or 1500W.

Ergonomic Portability

- Easy to carry from room to room with the back handle.

Front Display & Control Panel

- Features a modern, sleek design while giving easy access to all key features.

Night Mode

- Display auto-off function for a peaceful night environment.

# Specifications



Technology	NTC Precision Detection	Accurate adjustable thermostat
	ThermalForce	Highly-convective design for uniform heating
	Shield 360°	Heat up your day and night without worries
Performance	Heat Settings	H3: 1500W, H2: 1300W, H1: 900W
	ECO Mode	Accurate adjustable thermostat from 41-95°F in 1 °F increments
	Heating Elements	8 M-shaped heating elements
	Pure Heat Without Noise	No fan, no noise, no drying of the air
	Safety	Enclosure Coverage Design, Patented FortPlug™, V-0 Flame Retardant, Overheat Protection, Tip-over Protection, Thermal Insulated Wiring, ETL Listed, Child Lock
	Temperature Limit	Automatic temperature limit, manual temperature limit, software temperature limit
Feature	Backlighted Touch Control	Easily control during the night
	Timer	24H
	Remote Control	Turn on/off, ± Temperature, Mode, Mute, Timer, Light



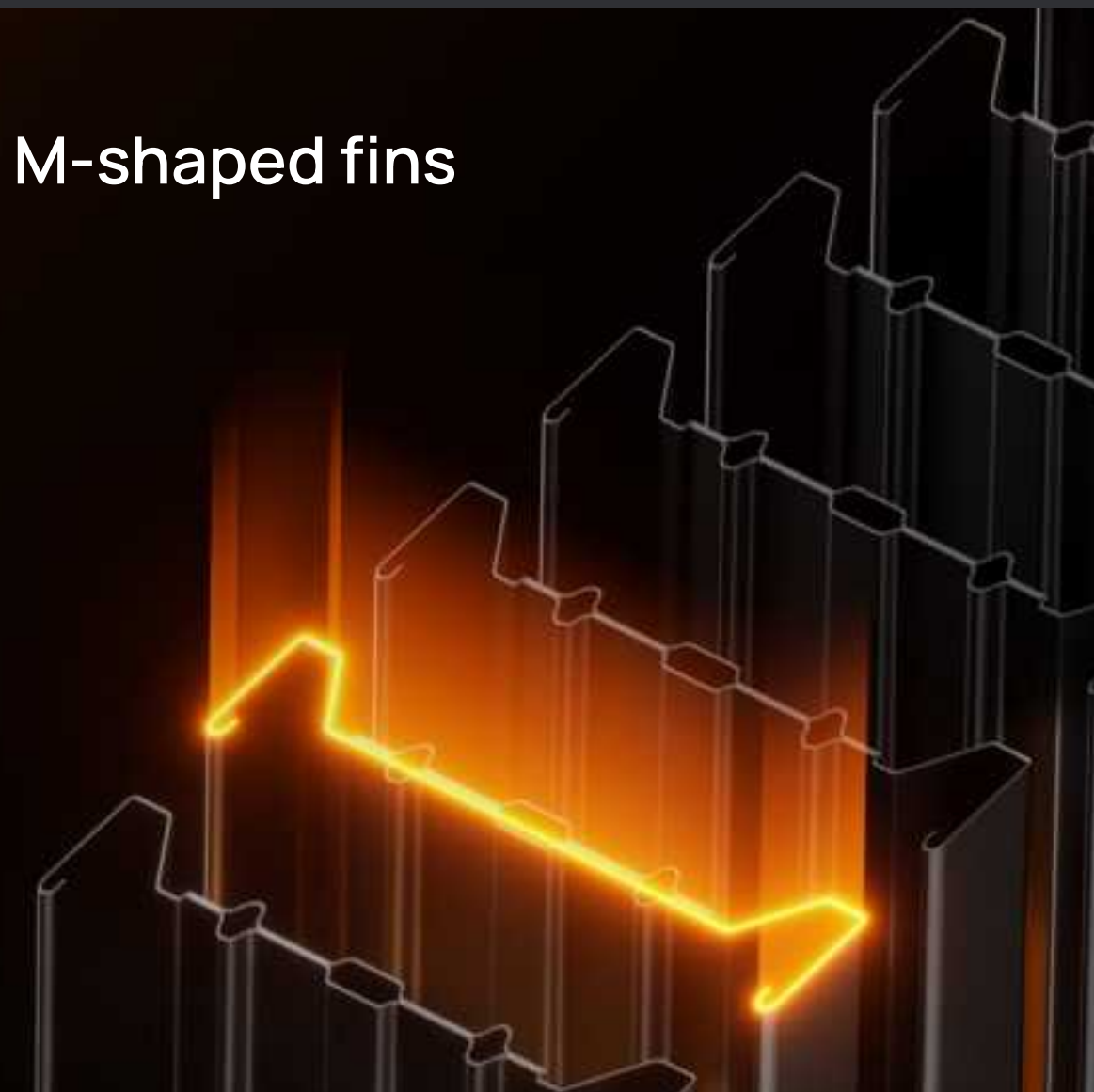


Multi-layer Protection



Enlarged Heating Area  
Maximize Warmth Transfer

8 M-shaped fins



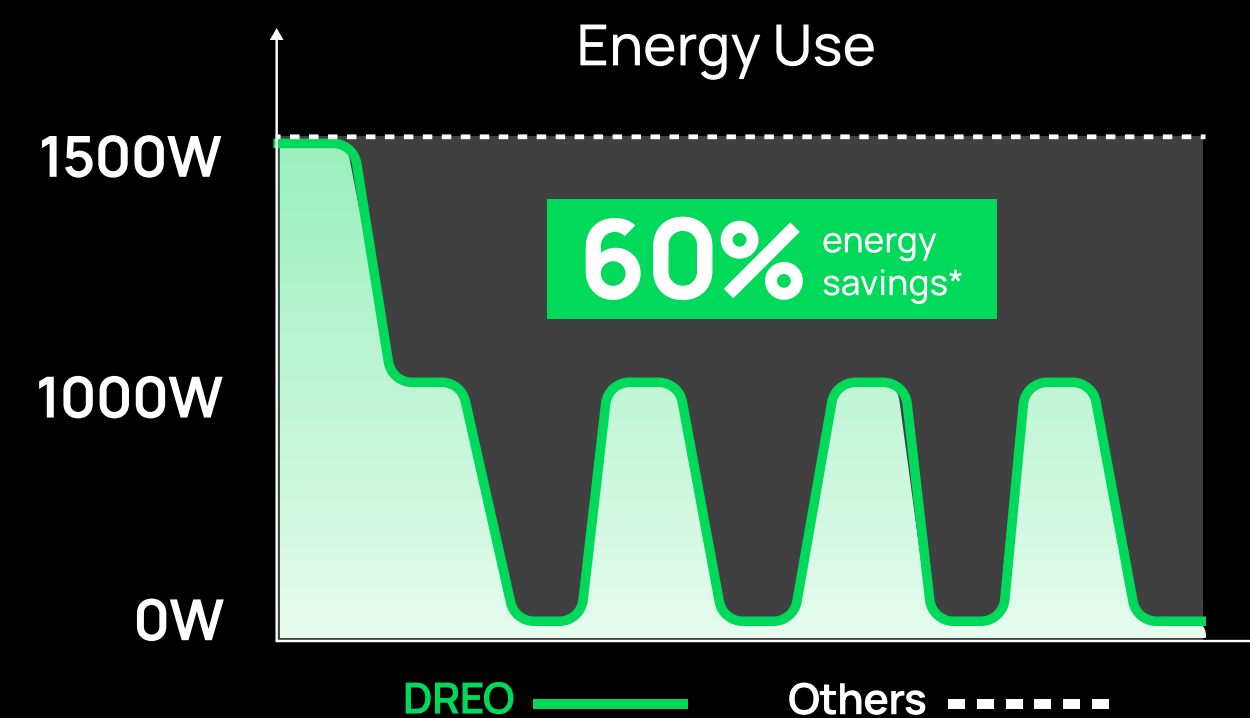
Easy Carry



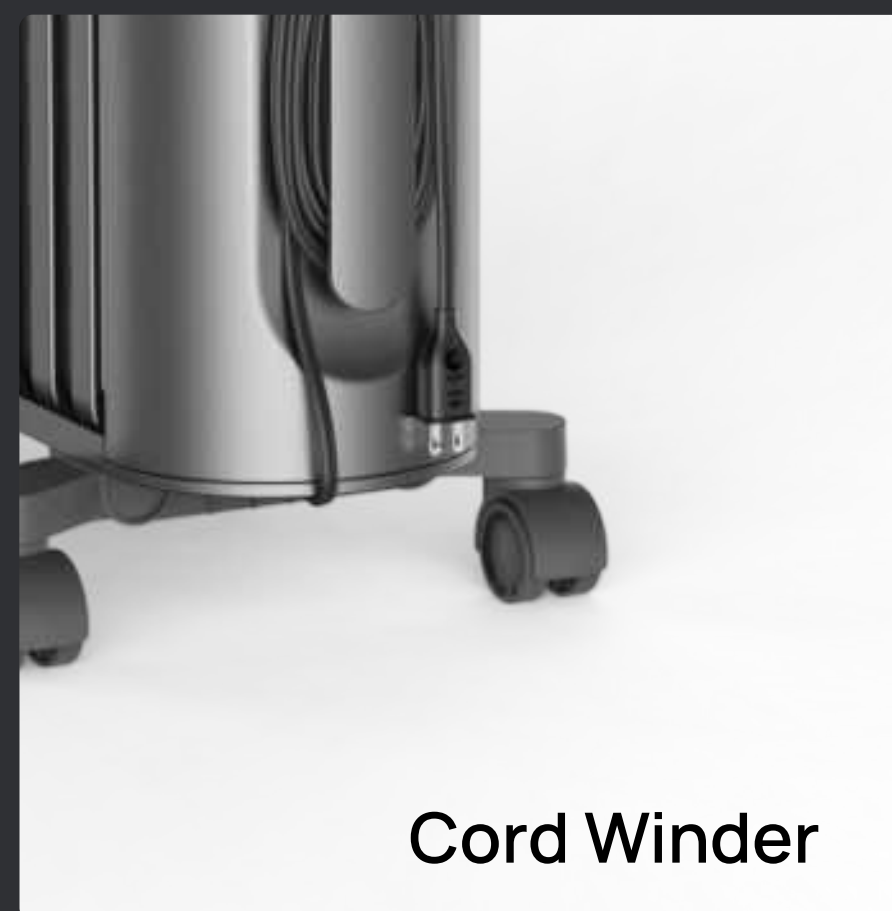
Patented  
FortPlug™

Powered by  
**ThermalForce**

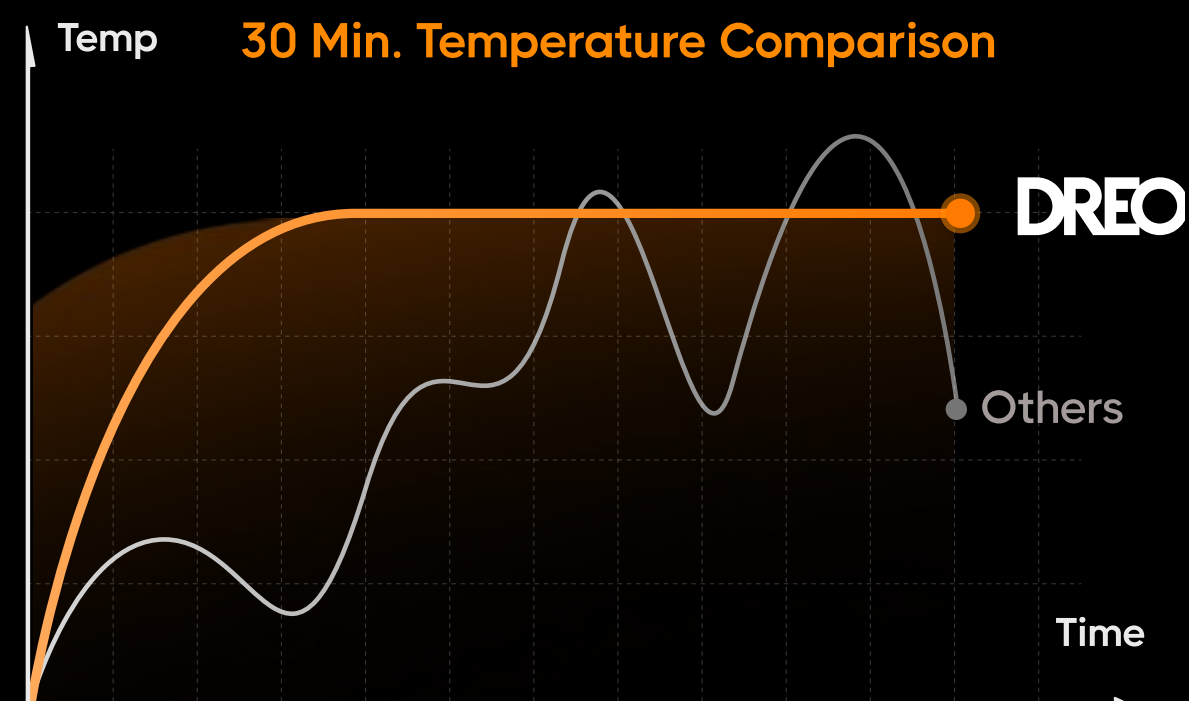
**24H Timer**



LED Heating Indicator



Cord Winder



No Fan



No Dry Air



Mute



Dimmable Display



DREO



## Enlarged Heating Area

OH712 features a 59.5% larger heat dissipation area with 8 fins (conventional heaters have only 6), plus a top cover that enhances safety and heat distribution for superior, efficient warmth.

Powered by  
**ThermalForce**

8 M-shaped Fins



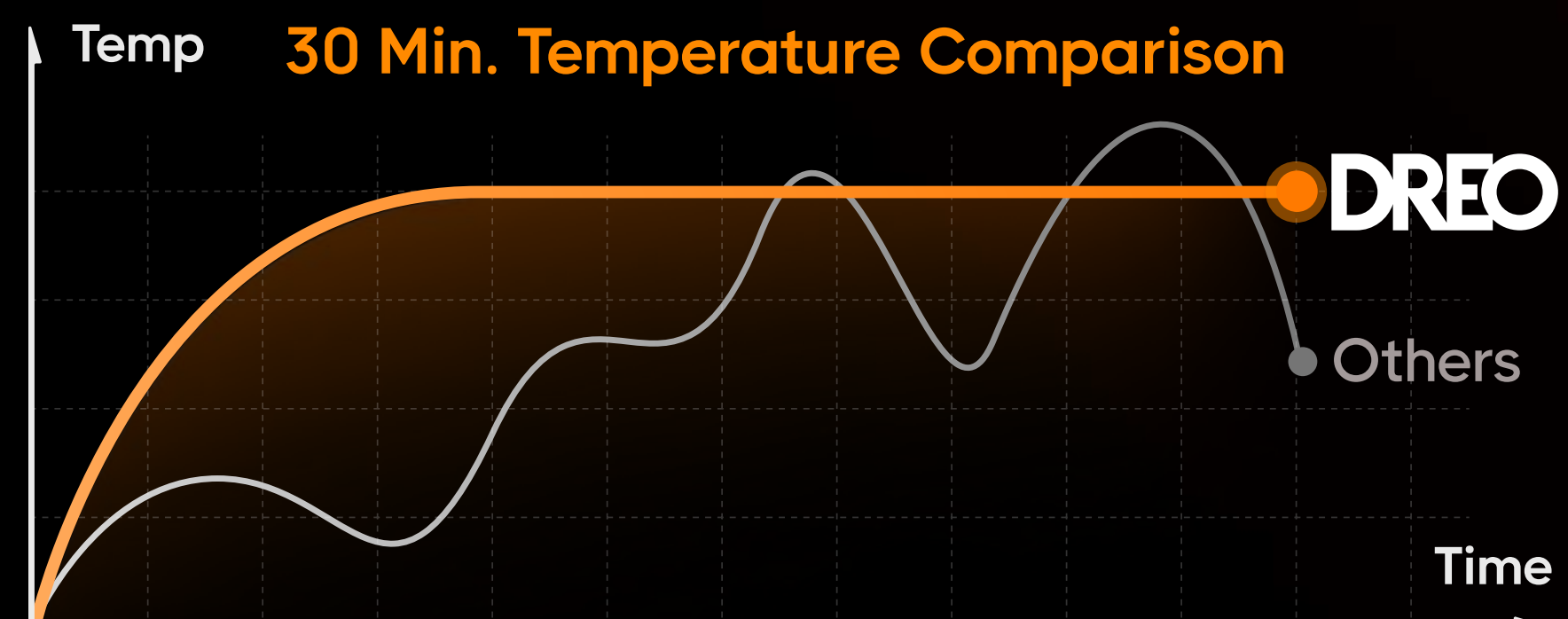


DREO

# Enlarged Heating Area

The uninterrupted heating innovation delivers consistent warmth for superior comfort and efficiency. Helping the OH712 maintain a steady temperature, avoiding the erratic heating and cooling fluctuations seen in other products.

Powered by  
**ThermalForce**

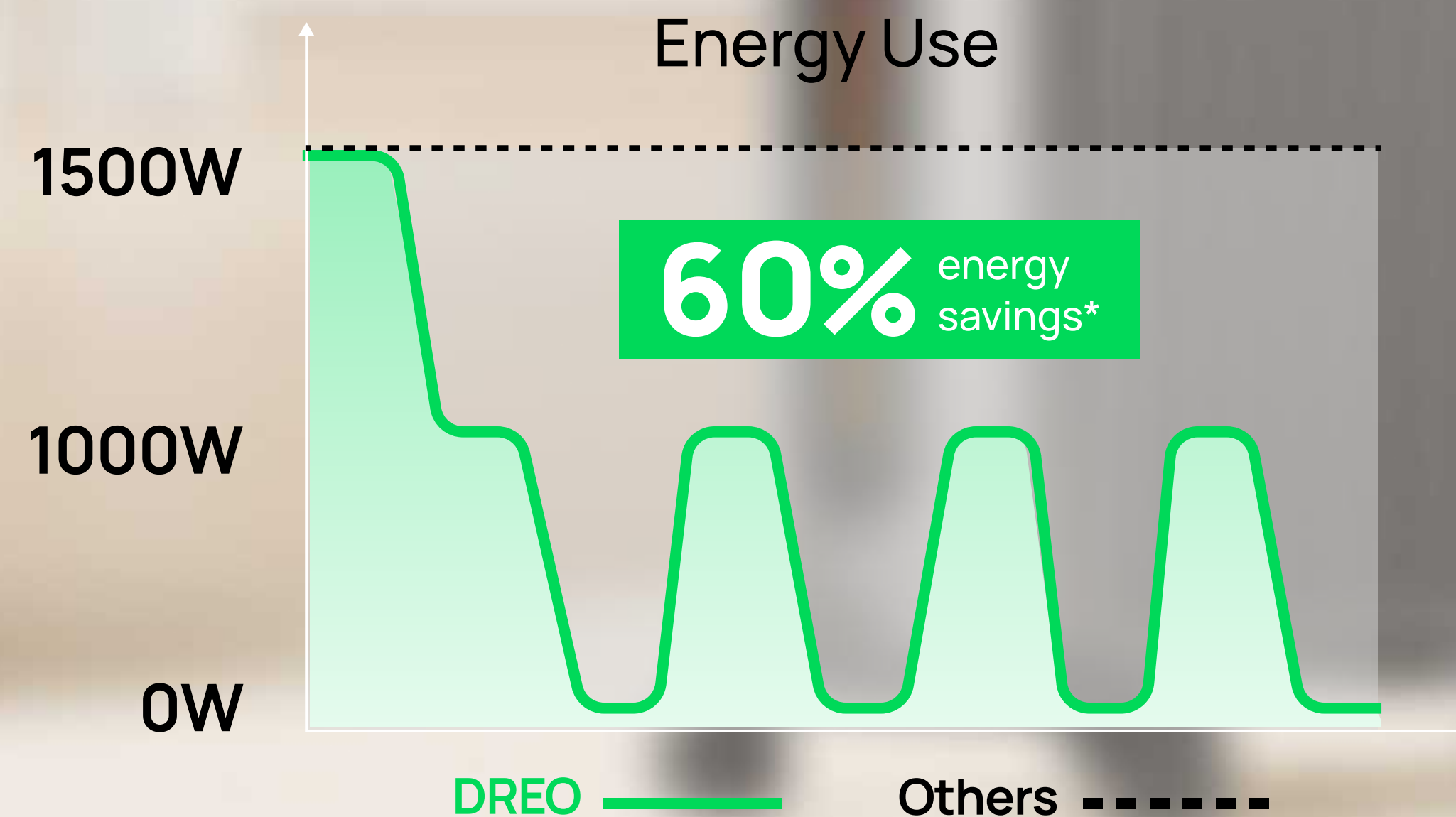


↑ 92.3%

DREO



**Accurate adjustable thermostat**  
from 41-95 °F in 1 °F increments



**60% energy saving**  
ECO Mode maximizes comfort & savings



DREO



Shell  
Protection

37.9%↓  
surface temp

Patented  
FortPlug™



V-0

Flame  
Retardant  
Material

40°

Tip-over  
Protection



Overheat  
Protection

Thermal  
Overload Relay



Thermal  
Insulated  
Wiring



ETL  
Listed



Child Lock



**DREO**

The DREO OH712 is a statement of modern user friendly design. Our innovative back cord arrangement keeps the display screen visible while heating, and the swivel wheels ensure smooth movement on any surface.



Relocate Cord  
to the Back

Swivel Wheels



A sleek, dark grey Dreo space heater stands on a tiled floor in a modern bedroom. The heater has a vertical design with a series of dark slats on the front and a control panel on the left side. It is positioned next to a bed with a large, tufted headboard and several pillows. A small wooden nightstand is visible behind the heater. The room is dimly lit, with a warm, ambient glow from the heater and the bedside lamp.





















**DREO**

# No Fan, No Noise, No Dryness

Silent, fan-free warmth without drying out the air.  
Perfect for a peaceful night's sleep.



# Competitor Comparison

Product Name	DREO OH712	DREO HSH011	Pelonis PHO15A2AGB	De'Longhi Comfort Temp	De'Longhi TRD40615E	Pelonis Luxurious Champagne
Product Picture						
Price	\$149.99	\$129.99	\$73.99	\$99.95	\$149.98	\$94.99
Heating Elements	8	6	7	7	6	7
Type	Electronic Button-Controlled	Electronic Button-Controlled	Mechanical Dial-Controlled	Mechanical Dial-Controlled	Electronic Button-Controlled	Electronic Button-Controlled
Adjustable Thermostat	 41-95 °F (In 1 °F Increments)	 41-95 °F (In 1 °F Increments)	No	No	 Max. 74 °F	 65°F-85°F
Timer	24 H	24 H	8 H	No	24 H	10 H
Noise level	No noise	No noise	Has Noise	Has Noise	Has Noise	Has Noise
Safety	8 points	4 points	2 points	4 points	3 points	2 points
Cable Routing	Rear-Side	Front-Side	Front-Side	Front-Side	Front-Side	Front-Side
Uninterrupted heating			No	No	No	No
Heating elements	8 M-shaped	6 M-shaped	6 Flat-shaped	6 Flat-shaped	6 Flat-shaped	6 Flat-shaped
Tip-over protection				No	-	
ECO			No	No		
Heat Settings	H1/H2/H3 (600w, 900w,1500w)	H1/H2/H3 (600w, 900w,1500w)	H1/H2/H3 (600w, 900w,1500w)	H1/H2/H3	-	H1/H2/H3/H4/H5



# Review Procedure

## 1. Unboxing

**Contents Check:** Ensure all components (radiator, power cord, user manual, remote control, etc.) are included and intact.

## 2. Setup

**Placement:** Place the radiator in a safe location according to the safety guidelines.

**Power Connection:** Plug the radiator into a power outlet using the rear cord management system.

## 3. Initial Testing

**Power On:** Turn on the radiator using the front display or remote control.

**Heating Settings:** Test the three heating settings (600W, 900W, 1500W) to ensure they work properly.

**Temperature Control:** Adjust to ECO mode and set temperatures precisely from 41°F to 95°F.

## 4. Operational Features

**Eco Mode:** Activate the ECO mode to monitor energy savings and temperature accuracy.

**Silent Operation:** Confirm the radiator operates silently without fan noise.

**Timer and Night Mode:** Test the 24-hour timer and night mode functions for convenience.

## 5. Safety Features

**Overheating Protection:** Test the effectiveness of triple overheating protection.

**Safety Mechanisms:** Ensure the child lock and thermal insulated wiring work as expected.

## 6. Long-term Use

**Consistency:** Use the radiator over several days to evaluate consistent warmth for large spaces.

**Eco Mode Efficiency:** Monitor energy savings and efficiency in Eco mode over time.

User Experience: Assess overall user satisfaction, ease of use, and ergonomic design benefits.



# Review **Consideration**

## 1. Performance

Evaluate the efficiency of the 1500W all-power heating in maintaining consistent warmth.

Assess the accuracy of the adjustable thermostat (41-95°F in 1°F increments) and energy savings in ECO mode.

Check the effectiveness of the segmented compensation and precise temperature control.

## 2. Safety

Verify the functionality of the 8-layer protection and triple overheating protection mechanisms.

Test the thermal insulated wiring and child lock features for additional safety.

## 3. Noise Level

Confirm completely silent operation as claimed.

Evaluate the silent buttons and light-sensing auto-off feature for user convenience.

## 4. Air Quality

Assess the ability to maintain air moisture without drying out the air.

Ensure that the radiator operates without creating drafts or dry air issues.

## 5. Design and Usability

Review the ergonomic design, including rear cord management and portability.

Test the usability of the front display, control panel, and night mode features.

Consider the convenience of the 24-hour timer and multiple heating settings.

## 6. Customer Experience

Gather feedback on overall user experience, ease of use, and satisfaction with the product.

Compare the radiator's performance and features with similar products in the market.