

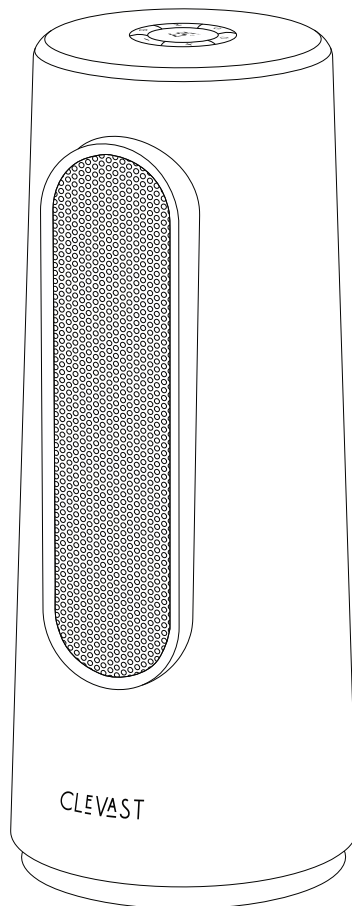
CLEVA<sub>S</sub>T

– Touch smart life –

# Instruction Manual

## Portable Smart Space Heater

Model No.: CL-EH01



Read this manual thoroughly before using and save it for future reference

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# IMPORTANT SAFEGUARDS FOR SAFETY

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**WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND INJURY TO PERSONS, INCLUDING THE FOLLOWING:**

**READ ALL INSTRUCTIONS BEFORE USING THIS HEATER.**

- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet(0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or those in need of assistance, especially whenever the heater is left operating and unattended.
- Always unplug this heater from power when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.
- Do not use this heater outdoors.
- This heater is not intended to use in bathrooms, laundry areas, and any similar humid indoor environment. Never locate the heater where it may fall into a bathtub or other water containers.
- Do not run the power cord under carpeting. Do not cover the cord with throw rugs, runners, or similar coverings. Do not route the cord under furniture or appliances. Arrange the cord away from high foot-traffic areas and where it will not be tripped over.
- Always plug this heater directly into a wall outlet/receptacle. Never use it with an extension cord or relocatable power tap(outlet/power strip). Plug the heater directly into a 120V wall outlet only.
- Faulty wall outlet connections may cause the wall outlet to overheat. Be sure that the heater plug fits tightly into the outlet before using. When using the heater, check to make sure the heater plug is not overheating. If necessary, have a qualified electrician check or replace the wall outlet.
- To disconnect the heater, turn controls off, then remove the plug from the outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause an electric shock, fire, or damage to the heater.

- To prevent a possible fire, do not block the air intakes or exhaust outlets in any manner. Do not use this heater on soft surfaces such as a bed, where openings may be blocked.
- Heaters have hot and arcing or sparking parts inside. Do not use this heater in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other uses are not recommended and may cause fire, electric shock, or injury to persons.
- This heater can only be used when the ambient temperature is normal. When the heater detects that the ambient temperature is too high, it will automatically shut down. Please inspect for any objects on or adjacent to the heater that may cause high temperatures.

**SAVE THESE INSTRUCTIONS  
HOUSEHOLD USE ONLY**

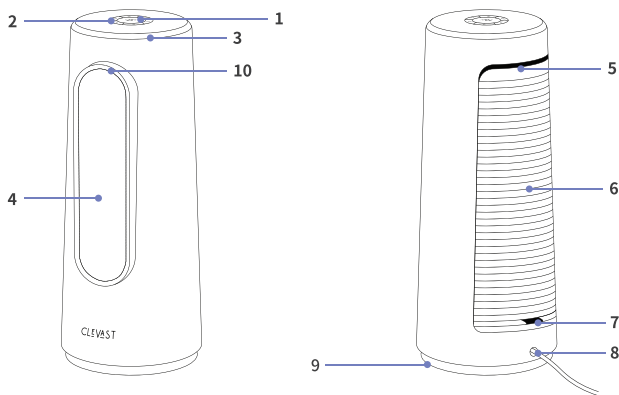
# GETTING TO KNOW YOUR PORTABLE SMART SPACE HEATER

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## 1 ) CLEAVAST PORTABLE SMART SPACE HEATER

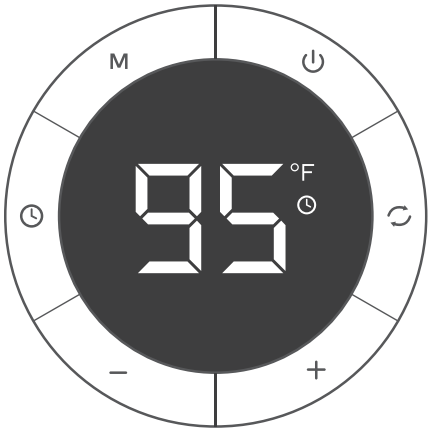
This smart heater combines the beautiful warm lamp atmosphere and relaxing natural wind, bringing a unique heating experience. Not only can it provide comfortable warm air but it can also create a warm atmosphere, making you feel like you are in the warm sunshine. In addition, it adopts smart control technology which can intelligently adjust the heater according to different environments and needs, saving energy and maintaining a comfortable temperature. The product has a stylish and simple appearance. It is easy to carry and operate, and is very suitable for use in home, office and other indoor places.

## 2 ) PRODUCT DIAGRAM







- 1. LED Display
- 2. Control Panel
- 3. Atmosphere lamp
- 4. Air Outlet
- 5. Handle
- 6. Real Cover
- 7. Power Switch
- 8. Power Cord and Plug
- 9. Base
- 10. Power indicator light

3) TOUCH CONTROL PANEL



<div>⏻</div>	<div>On/Standby key</div>	<div><ul style="list-style-type: none"><li>• The power indicator lights up (red light) when the heater is switched on.</li><li>• Press (⏻) to turn the heater on, the heater on with default settings: Power indicator on red, atmosphere lamp is on, default temperature "95 ° F" &amp; high heat level "03" on LED display.</li><li>• Press (⏻) once again to turn the heater off. If the heater is operating, the fan will continue working for 20 seconds after powering off to clear any residual heat.</li><li>• When the heater is on, long press (⏻) for 3-5 seconds to enter wireless pairing mode.</li></ul></div>
<div>M</div>	<div>Mode/Heat Level Settings</div>	<div><ul style="list-style-type: none"><li>• When the unit is on, press (M) on the heater to cycle through Nature (00) -Low (01) -Medium (02) -High (03) -ECO (04) modes.</li><li>• When ECO Mode is turned on, the heater will adjust the working mode (High or low) automatically based on the ambient temperature. The default constant temperature range is 41°F-95°F, and can only be set up via the app.</li><li>• "ECO" will light up on the display when ECO mode is selected.</li></ul></div>

	<b>Timer Button</b>	<ul style="list-style-type: none"> <li>Press (🕒) to turn on the timer. Repeatedly press (🕒) to cycle through the following timers: 4H and 8H. The heater will automatically turn off when the time is up.</li> <li>Press (🕒) for 3 seconds on the timer. Repeatedly press (🕒) to cycle through the timer button: off-low-middle-high atmosphere lap-off.</li> </ul>
	<b>Temperature Adjustment</b>	<ul style="list-style-type: none"> <li>When the unit is on, press (—) on the heater to adjust the temperature from 95 to 41 ° F in 1 ° decrement.</li> </ul>
	<b>Temperature Adjustment</b>	<ul style="list-style-type: none"> <li>When the unit is on, press (+) on the heater to adjust the temperature from 41 to 95 ° in 1 ° increments.</li> </ul>
	<b>Oscillation Button</b>	<ul style="list-style-type: none"> <li>When the unit is on, press (↻) on the heater control to start oscillating. To stop oscillating, press (↻) again.</li> <li>When the unit is on, long press (↻) for 3 seconds to turn on Lock Mode. When the lock is active, buttons on the panel will not respond to presses. Long press (↻) again for 3 seconds to turn off the Lock Mode.</li> </ul>

#### 4) LED DISPLAY ICON INTRODUCTION



	<b>Lock</b>	Locked	Solid White
		Unlock	Dim
	<b>Sleep mode</b>	Sleep mode on	Solid White
		Sleep mode off	Dim
ECO	<b>ECO mode</b>	ECO mode on	Solid White
		ECO mode off	Dim
°F	<b>Temperature</b>	Temperature displays on the screen	Solid White
		Temperature no displays on the screen	Dim
	<b>Wireless Connection</b>	Wireless Control is Ready	Slow Flashing White
		Wireless Control is Connecting	Quick Flashing White
		Wireless Control is Connected	Solid White
	<b>Atmosphere lamp</b>	Atmosphere lamp on	Solid White
		Atmosphere lamp off	Dim



## **5) OTHER FUNCTIONS**

### **MEMORY FUNCTION**

- The heater is designed with power-off memory function. It will always remember your last settings (temperature, working mode, oscillation status) once you turn it on again.

### **24-HOUR AUTO SHUT OFF**

- When the heater has been working for 24 hours continuously without any other operation, it will shut off automatically.

### **TIP-OVER PROTECTION**

- When the heater is knocked over, it will power off and stop all functions.
- Dismiss Tip-over : Place the heater on a flat, level, and sturdy surface, and while keeping it upright, try using it again.

### **OVERHEAT PROTECTION**

- This heater will power off when the temperature exceeds 122°F (50°C). When powered off, the heater will beep 3mins, and all the indicators will flash 3mins.
- Dismiss Overheating Protection: When in Overheating Protection mode, unplug from power and wait for 30 minutes for the heater to cool down before plugging back in. The heater will automatically resume when it detects that the ambient temperature is lower than 122°F (50°C).

## **6) PACKAGE INCLUSION**

- 1 x Portable Electric Space Heater
- 1 x User Manual
- 1 x Warranty Card
- 1 x Share Card

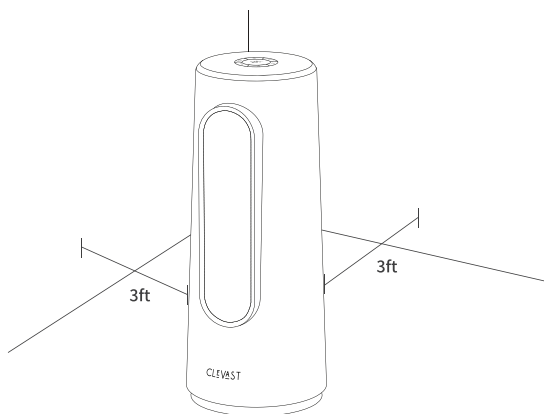
**7) SPECIFICATIONS**

Model No:	CL-EH01
Power Input :	120V~60Hz 1500W MAX
Wattage:	High: 1300W Medium: 900W Low: 500W
Connectivity:	Wireless Control
Oscillating Angle:	83 Degrees
Cord Length:	1.8m/5.5ft
Size:	7.59*7.53*18.4in
Weight:	5.51 lb

## BEFORE FIRST USE

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- Make sure the wireless control ( 📶 ) signal is strong and stable in the current environment.
- Only plug the heater directly into a 120V wall outlet. Do not use an extension cord.
- Ensure the plug is firmly inserted into the outlet. An abnormal outlet connection may cause overheating.
- Place the heater on a firm, flat, and level surface free from obstructions and at least 3ft (1 meter) away from any wall or combustible materials.
- Turn on the power switch on the back and the power indicator light will be red. Now your heater is ready for use.
- After using the product, please turn off the switch control button on the top of the machine, and the machine will enter the standby state, then turn off the power button on the back of the machine, unplug the power plug, and store it properly according to the storage requirements.
- When customizing the product temperature, when the set temperature is lower than the ambient temperature, the product will enter the standby state, and after adjusting the set temperature to exceed the ambient temperature, the product will start to work.



### NOTE:

- Do not cover the heater with any cloth or covering, especially over the air inlet and outlet.
- Please check the plug and cord periodically for signs of overheating or deformations.

# OPERATING INSTRUCTIONS

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Due to ongoing updates and improvements, **Clevast Home App** may be slightly different than shown in the manual. In case of any differences, follow the in-app instructions.

## DOWNLOADING THE FREE MOBILE APP

To download the Clevast App, please scan the QR code or search for "Clevast" in Apple App Store® (iOS) or Google Play Store(Android).



### NOTE:

- Choose "Allow" for the permissions requested when opening Clevast App for the first time. These permissions allow the app's features to function normally and are not used to record personal, private information.
- You can use the Clevast App to connect your smart heater to Amazon Alexa or Google Assistant. Follow the in-app instructions to connect to your voice assistant.
- Clevast App is being continually updated and app features will be expanded.

## CREATE / LOGIN YOUR OWN CLEVAST ACCOUNT

Open the Clevast app. If you already have an account tap Log In. To create a new account, tap Sign Up. Note: You must create your own Clevast account to use third-party services and products. These will not work with a guest account. With a Clevast account, you can also allow your family and friends to control your smart heater.

1. Turn on your smartphone's Bluetooth.
2. Open the Clevast App, please create a new account first, tap Sign up.

Note: You must create your own Clevast account to use third-party services and products. These will not work with a guest account. With a Clevast account, you can also allow your family and friends to control your smart heater.

3. Touch the device icon and follow the in-app instructions to complete the pairing process.

### PAIRING WITH CLEVAST APP

1. Turn on Bluetooth and wireless control on your phone.
2. Distribution mode: Press and hold the on/off button for 7 seconds until the wireless control (📶) indicator light starts flashing. Click Add Device "E05-EH01-WTUS".



3. Select wireless control (📶) , enter your wireless control (📶) password, check the box my wireless control does require a password, click connect, start networking, wireless control connection successful .

### 3.1 CHOOSE WIRELESS CONTROL (📶)



### 3.2 ENTER PASSWORD



### 3.3 CLICK CONNECT



### 3.4 START NETWORKING



### 3.5 WIRELESS CONTROL (📶) SUCCESSFULLY CONNECTED



Connection successful

Done

### 3.6 DEVICE NAME

#### Device Name

Give your device a name and it'll be your  
all-time reminder

Device Name







Done


Setting name



## 5) OTHER FUNCTIONS

- **Power ON/OFF:** At the bottom of the unit, turn the heater on and off
- **Oscillation Button:** Click the shake head switch button; enable/disable the shake head function with a single click
- **Sleep Mode:** After activation, the prompt sound and lights will be turned off
- **Lock Mode:** When enabling the child lock, all other buttons will not respond
- **Mode/Heat Level Settings:**
  - \*Low, medium, and high three speed heating + natural wind mode adjustment
  - \*Custom temperature adjustment: Define the precise amount of heat required to increase/decrease 1 ° F within the range of 41 ° F-95 ° F
  - \*Custom constant temperature adjustment: Define the precise amount of heat required to increase/decrease 1 ° F within the range of 41 ° F-95 ° F
- **Timer Settings:** Custom up to 12 hours after activating the timer button, set it according to the required time
- **Light Settings:** Three levels of warm light brightness and off

	<b>ON/OFF</b>	<ul style="list-style-type: none"> <li>• On/Off the heater</li> </ul>
	<b>Oscillation Button</b>	<ul style="list-style-type: none"> <li>• On/Off Oscillation</li> </ul>
	<b>Sleep Mode</b>	<ul style="list-style-type: none"> <li>• On/Off Sleep Mode</li> <li>• When on sleep mode, the light and the beep sound will be turned off</li> </ul>
	<b>Lock Mode</b>	<ul style="list-style-type: none"> <li>• On/Off Lock Mode</li> <li>• When the lock is active, buttons on the panel will not respond to presses</li> </ul>
	<b>Customs Temperature</b>	<ul style="list-style-type: none"> <li>• Set temperature</li> <li>• When the set temperature is reached, the heater will stop working</li> </ul>
	<b>Constant Temperature</b>	<ul style="list-style-type: none"> <li>• Set constant temperature range</li> <li>• The heater will adjust the working mode (high or low) automatically when it's over the constant temperature range you set</li> </ul>

Light	<b>Light Settings</b>	<ul style="list-style-type: none"> <li>• On/Off Light Settings</li> <li>• The level of light settings</li> </ul>
	<b>Timer Settings</b>	<ul style="list-style-type: none"> <li>• Timer setting: 00-12H</li> </ul>
Mode	<b>Mode/Heat Level Settings</b>	<ul style="list-style-type: none"> <li>• Set the mode on the heater: Nature(00)/Low(01)/Medium(02)/High(03)/ECO(04) modes</li> </ul>

## CARE & MAINTENANCE

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To achieve the best performance, we suggest cleaning the heater at least once during the operating season or before storing it when it will not be in use for a long period of time.

### CLEANING

Always disconnect the appliance from the mains by switching it off and removing the plug from the power outlet before cleaning.

- Turn the heater “OFF”, unplug it and wait for the heater to cool down.
- Use only a soft cloth and gently wipe the outer surfaces of the heater to clean it.
- Do not use any cleaning agents or detergents.
- Never immerse the heater in water and never allow water to drip into the motor housing. Be sure not to wet the heating element and the switches.
- For storage, you may leave the heater covered to protect it from dust. Store it in a cool, dry location and arrange the cable away from traffic areas so that it will not be tripped over or damaged.

**Note:** Do not allow water to infiltrate into the heater's interior as this could result in a fire or electric shock hazard.

### MAINTENANCE

For storage, carefully fold the power supply cord and tie it up with a cord, then put the heater into the packing box. Keep it in a cabinet away from any hot or wet location.

# TROUBLESHOOTING

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**Note:** The troubleshooting section below is for solving frequently asked questions for the heater unit. If your problem persists, please contact customer support.

**For Portable Smart Space Heater**

Problem	Possible Cause	Solution
The plug of the heater is hot.	The power plug and the outlet are not securely connected.	Securely reinsert the plug into the socket. If necessary, you should have a qualified electrician to check whether power plug prongs are intact.
The heater cannot be turned on.	The power switch on the back is turned off.	Turn on the power switch on the back.
The heater suddenly shuts down	Failed to supply power to the heater. The overheating protection has been triggered.	Ensure your circuit breaker or fuse is working properly. Unplug from the outlet and cool it down. Check and remove any objects on or adjacent to the heater. Wait 30 minutes before plugging the heater back in.
	The Tip-over and Motion Protection have been	Place the heater on a firm, flat and level surface free from obstructions. Keep it upright and turn it on again.
	The Overheating Protection has been triggered.	Unplug from power and wait for 30 minutes for the heater to cool down before plugging back in. The heater will automatically turn on again when the surrounding temperature is below 122°F(50°C).
The oscillation fails around 14°F(-10°C).	The characteristics of grease in motor.	Start the oscillation again after turning on the heater for a while.

## **FOR APP & CONNECTIVITY**

### **1. CANNOT CONNECT TO THE CLEVAST APP.**

- Make sure the Bluetooth of your smartphone is enabled and your smartphone is not connected with other Bluetooth devices.
- Enable the smartphone's Location Services.
- Try connecting with another smartphone.
- Make sure your app is the latest version.
- Make sure your smartphone is connected to the 2.4GHz network, and confirm the network is working correctly.
- Make sure the wireless control (📶) password you entered is correct.
- Shorten the distance between the heater, wireless control (📶) router, and the smartphone.
- Make sure your heater and the wireless control (📶) router are located away from appliances that produce electromagnetic radiation (e.g. microwave ovens, refrigerators, etc.).
- If you are using a VPN, try turning it off and then try it again. Disable portal authentication for your wireless network. If portal authentication is enabled, this heater will not be able to access your wireless network and setup will fail. Portal authentication means that you need to sign in to your wireless network through a web page before you can use the Internet.

### **2. CANNOT FIND THE HEATER WITHIN THE NEARBY BLUETOOTH DEVICES LIST.**

- The heater may be connected with another smartphone. Disconnect it from the other smartphone first.

### **3. THE HEATER IS OFFLINE.**

- Make sure the heater is plugged in and powered on, then refresh "My Devices" in the Clevast app by swiping down on the screen.
- Make sure your router is connected to the internet, and your phone's network connection is working.
- If the wireless control (📶) password has been changed, the heater will automatically go offline. Try connecting it to the network again.
- Delete the offline heater from the Clevast App, then add and reconfigure the heater again in the Clevast App.

# FCC STATEMENT

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

## FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

## WARRANTY INFORMATION

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We grant 1 year warranty on the product commencing on the date of purchase. Within the guarantee period, we will eliminate any defects in the appliance resulting from faults in materials or workmanship. Please contact us at: **support@clevast.com** to launch a warranty claim.

This guarantee does not cover: damage due to improper use, normal wear or use as well as defects that have a negligible effect on the value or operation of the appliance. The guarantee becomes void if repairs are undertaken by unauthorized persons and if original product parts are not used.

## CUSTOMER SUPPORT

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1. If you have any product questions or concerns, please don't hesitate to contact us directly at: **support@clevast.com** or visit our website at: **www.clevast.com**.
2. We have a hassle-free warranty and customer service team for satisfactory solutions to any issue you might have.