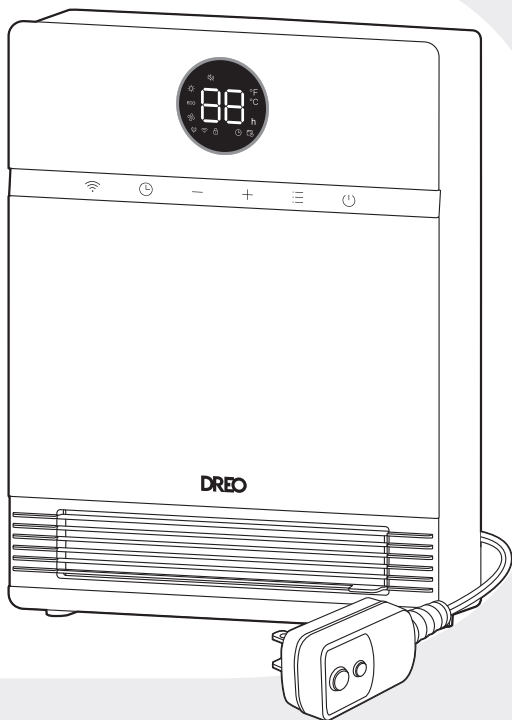


# DREO | Smart Wall Mounted Heater With ALCI Plug 517AS

## USER MANUAL



”

# Thanks for Choosing **DREO!**

Your support means the world to us.  
We hope you enjoy our product as  
much as we did creating it.

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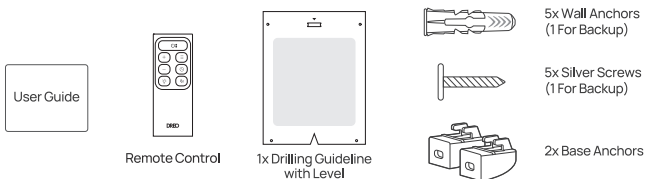
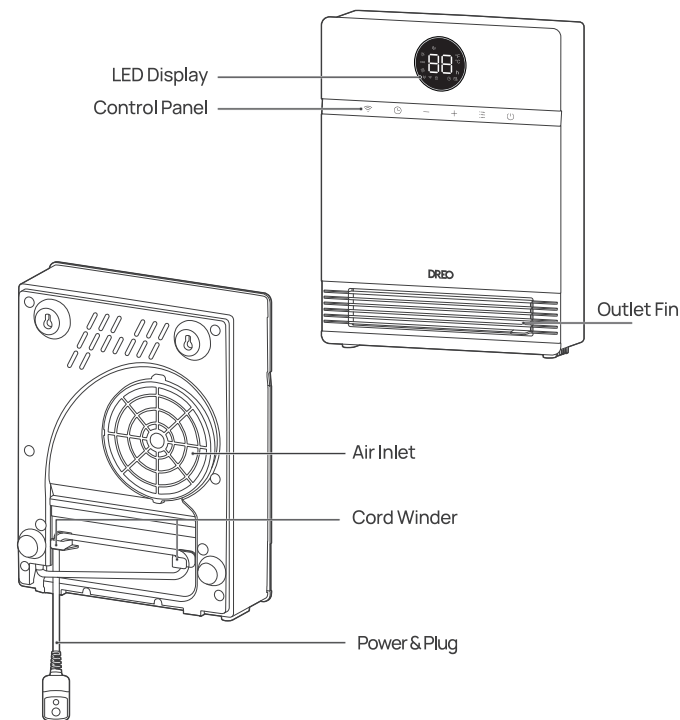
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# KNOWING YOUR HEATER

# 01



# INSTALLATION INSTRUCTIONS

## 02

THE HEATER MUST BE PROPERLY INSTALLED BEFORE IT IS USED.

**CAUTION:** YOUR HEATER MUST BE INSTALLED ON A WALL. DO NOT PROP THE HEATER UP AGAINST OBJECTS OR USE THE HEATER WITH THE GRILL PLACED VERTICALLY.

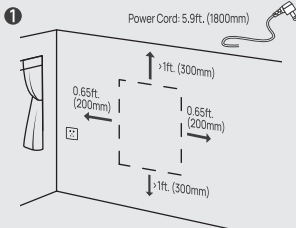
### Tools needed for installation:

Electric Drill (5/16 inches, 96mm)

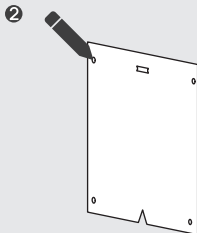
Phillips Screwdriver (5/16 inches, 150mm) Pencil



Scan the QR code to watch the installation video.

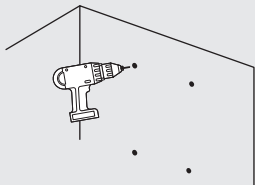


Find a suitable wall to install your heater. Make sure to mount it 1ft. (300mm) - 4.9ft. (1500mm) above the ground.



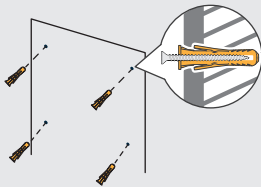
Use the drilling guide to MARK the position of the wall anchors.

### ③ FOR CEMENT WALLS, BRICK WALLS, WOODEN WALLS, AND DRYWALLS



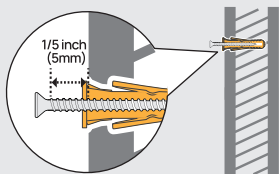
Drill the holes for the wall anchors.

### ④ FOR CEMENT WALLS, BRICK WALLS, WOODEN WALLS, AND DRYWALLS



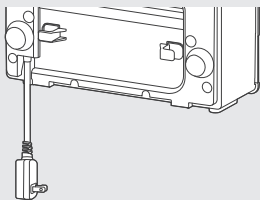
Fix the **WALL ANCHORS** on the drilled positions.

5



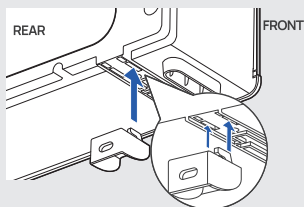
Screw in **ONLY THE TWO TOP SCREWS** first, leaving at least a 1/5-inch (5 mm) gap.

6



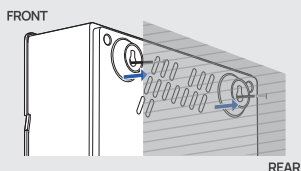
Unfold the power cord.  
Note: Make sure the cord can reach the outlet.

7



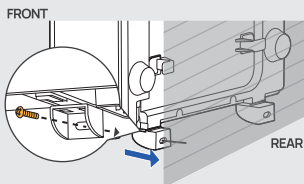
Attach the **TWO BASE ANCHORS** into the bottom of the heater.

8



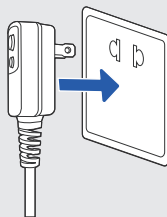
Hang the heater from the top.  
Make sure it is firmly hung before securing the bottom anchors.

9



Screw the **BASE ANCHORS** to secure the heater.

10

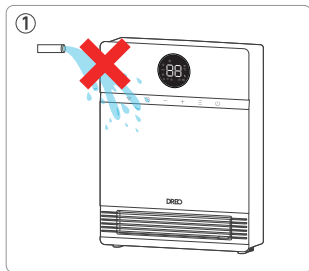


Plug in the heater.

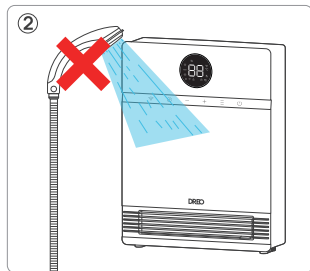
# CONNECTING TO YOUR HEATER

## 03

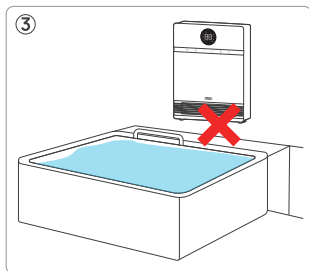
### Safety Tips Before Use



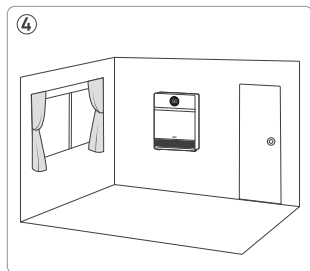
This heater cannot withstand splashing water. Do not splash water on the heater.



Place the heater as far as possible from water sources like bathtubs, showers, and sinks.



Never place the heater in a position where it may fall into the water.



Keep the heater firmly hung on the wall and away from water sources.



Before connecting the appliance to your mobile device, please scan the QR code on the left or go to the app store and search “**DREO**”, then select and download the app.

This device includes a radio transmitting module with FCC ID: 2A3SYHSH017.



Download on the  
**App Store**



GET IT ON  
**Google Play**



You can use the DREO app to connect your smart heater to **Amazon Alexa** or **Google Assistant**.

Please follow the in-app instructions to set up your voice assistant.

Note: You must create a DREO account to access voice assistants.

- 1 Launch DREO and sign in or create an account by following in-app instructions.
- 2 Enable Bluetooth on your mobile device and plug in your heater.
- 3 Hold the WiFi button  for 5s to start WiFi connection settings.  
(Tip: The WiFi icon  will keep flashing when pairing.)
- 4 Tap + Add Device and select 517AS.
- 5 Follow in-app instructions to complete WiFi connection.
- 6 You're now ready to control the appliance on your app.  
(Tip: To restart connection settings, hold the WiFi button  again for 5 seconds.)  
Long press the power button  for 10 seconds to unpair WiFi and restore factory settings.

# USING YOUR HEATER

# 04



**CAUTION:** Moving the outlet fin manually could lead to malfunction and risk of fire.

Always use the control panel, remote control or the DREO app to change the blowing angle.

## Control Panel



### Power On/Off

- Touch to turn the heater on or off.

#### Note:

- When the heater is plugged into the electric outlet, the power indicator  will light in red.



### Mode Settings

Touch to switch between **ECO** →  → .

Long press for 5s to calibrate the thermostat temperature.



Power Heat with three heating levels:  
H1(900W), H2(1300W), H3(1500W).



The heater will automatically select its optimal heating power, depending on the difference between the set temperature (41-95°F) and room temperature.

Note:

- When activating ECO Mode, the display will flash the target temperature for 3 seconds.
- When the ambient temperature reaches the set temperature, the heater will turn off automatically in 30 seconds.
- When the ambient temperature drops below the set temperature, the heater will operate on low or high power (900W or 1500W), depending on the difference between the two temperatures.
- If your heater turns off frequently, please raise the set temperature, or switch to Power Heat mode.



Fan Only.



### Heat Level/ Temperature

- In Power Heat mode, touch ⊕ or ⊖ to adjust the heating level.
- In ECO mode, touch ⊕ or ⊖ to adjust the set temperature.
- In Timer mode, touch ⊕ or ⊖ to set the timer between 0-24 h.

#### Note:

In ECO mode, the heater will flash the °F/°C indicator light and turn off automatically when the set temperature has been reached. If your heater turns off frequently, please raise the set temperature or switch to Power Heat mode.

### Timer

- When the heater is on, touch to set a timer (0-24 h). After the timer ends, the heater will turn off automatically.
- To cancel, set the timer to "—" hour.
- Long press for 3s to deactivate the schedule function.

**Note:** You can activate the schedule function through the DREO app.

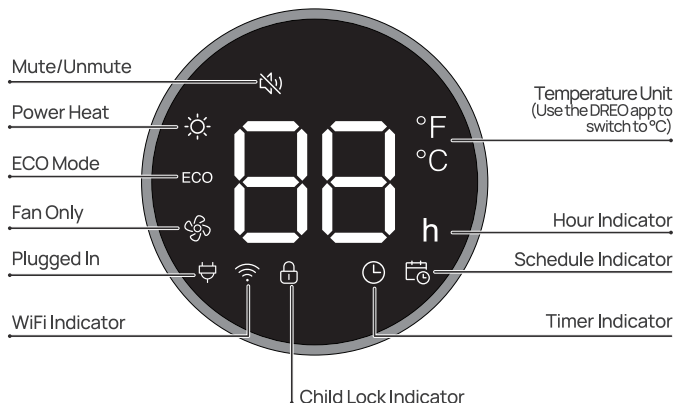
### WiFi

- Long press for 5s to enter WiFi pairing mode (LED WiFi indicator will flash and a countdown will be shown on the display while long pressing.)
- WiFi indicator light indicates different statuses through steady light, fast flashing, and slow flashing.

### Child Lock

- Long press ⊕ and ⊖ for 3s (LED display will show a countdown) to activate/deactivate Child Lock.

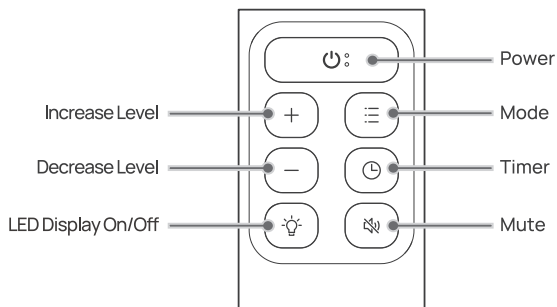
## LED Display



## More Features

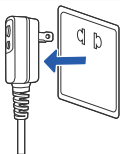
|                               |                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LED Display On/Off</b>     | You can turn on/off the LED display by touching  on your remote control or in the settings of your DREO app. |
| <b>Mute/Unmute</b>            | You can turn on/off the beep sounds by touching  on your remote control or in the settings of your DREO app. |
| <b>Overheat Protection</b>    | When the heater overheats, it will shut off automatically with the error code "F2" on the display (See troubleshooting page 11).                                                              |
| <b>Thermostat Calibration</b> | This heater includes a built-in temperature sensor to read room temperatures. If desired, the thermostat on the heater can be calibrated to match your HVAC system using the DREO app.        |

# Remote Control



# CLEANING AND MAINTENANCE

## 05



Always turn off and unplug before cleaning.  
Wait for the heating element to cool off  
before cleaning.



### Outer Surface

Use a soft, dry cloth to gently wipe clean the  
outer surface.

**Note:** Do not move the outlet fin while cleaning.

## ! ATTENTION



DO NOT unscrew the unit.



DO NOT use cleaning agents.



DO NOT use abrasive scrubbers.



Fire or electrical shock hazard.  
DO NOT immerse the main unit in water.  
NEVER allow water to get inside the heater.



Except for cleaning, any servicing should be  
performed by an authorized service representative.



Store in a cool, dry area and keep the cable out  
of high-traffic areas to avoid tripping hazards.

# TROUBLESHOOTING

# 06

| Problem                                   | Possible Causes                                                                                | Solution                                                                                                            |
|-------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Malfunction codes on LED display.         | E0 - PCBA Panel Connection Error                                                               | Unplug it from the power source and contact Customer Support.                                                       |
|                                           | E1 - Temperature Sensor Error                                                                  | Unplug it from the power source and contact Customer Support.                                                       |
|                                           | F2 - Overheat Protection                                                                       | Unplug and wait for it to cool down before plugging in again.                                                       |
|                                           | UH - Overvoltage Protection                                                                    | Wait until the alarm stops to restart the heater. If the problem persists, contact Customer Support.                |
| Heater does not start.                    | The set temperature is lower than the ambient temperature.                                     | Ensure that the temperature is set to be higher than the ambient temperature.                                       |
|                                           | No power is passing through the unit.                                                          | Ensure that your circuit breaker or fuse is working properly.                                                       |
| The heater suddenly stops during heating. | The temperature exceeds the threshold of the thermal cutoff.                                   | Turn off and unplug the unit. Allow it to cool and plug into the electrical outlet again.                           |
|                                           | In ECO mode, the heater will turn off automatically when the set temperature has been reached. | This is normal. If your heater turns off frequently, please raise the set temperature or switch to Power Heat mode. |
| The heater doesn't raise the temperature. | ECO mode doesn't reach my target temperature.                                                  | If you are farther away from your heater, you can raise the target temperature or switch to Power Heat mode.        |

If your problem is not listed or still persists, contact our Customer Support.

Model No.: DR-HSH017AS  
Rev\_RTL\_EN\_1.0

### Reach out to us, it's easy!

 **(888) 290-1688** (Mon - Fri, 9:00 am-5:00 pm PST/PDT)

 **support@dreco.com**

 **www.dreco.com**

[www.dreo.com](http://www.dreo.com)

**Reach out to us, it's easy!**

Contact us to get expert support.



[support@dreo.com](mailto:support@dreo.com)



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