



Yoga Installation Guide

NOTE: BEFORE INSTALLING ANY COMPONENTS, **MEASURE THE VOLTAGE ON-SITE** TO ENSURE THE PRODUCT VOLTAGE MATCHES.

This guide serves as a visual and conceptual aid for planning the layout of your studio, and the following documents should be referenced when installing your infrared system:

- Wiring Diagrams
- Installation & Operation Manuals from the manufacturer
- Paid Invoice from Heating Green

Heaters and components should be installed by a licensed electrician and should be in accordance with local electrical code.

Your electrician will provide the following:

- Wiring
- Wire connectors (lever connectors are recommended)
- Mounting hardware

Contact Heating Green Support



Live Support

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Electrical Flow Chart

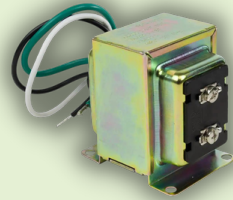
1. Electrical Panel

Locate the electrical panel to measure voltage for electrical service (208, 240, 277)
One dedicated 20 or 30 amp relay per circuit.



2. Transformer

A transformer steps down high voltage to 24v to power thermostat & relays.



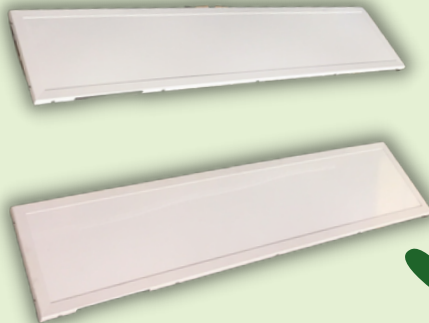
3. Thermostat

The thermostat communicates to relays turning the heaters on/off and measures the ambient temperature of the studio.
The recommended installation is on an interior wall out of direct sunlight at 5' AFF.



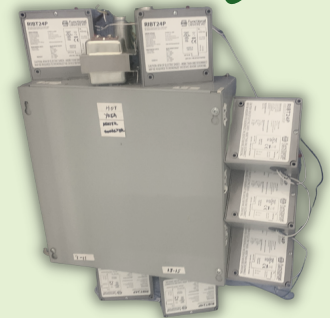
5. Infrared Heaters

1,500W Cove Heaters, Wall or Ceiling Mounted, can reach a surface temperature of over 300°F.



4. Relays

One relay controls multiple heaters. One dedicated circuit per relay.
The recommended installation is near the electrical panel, outside of studio.



Cove Heater Studio View





Infrared Heater Mounting Guidelines

NOTE: INSTALLERS ARE RESPONSIBLE FOR THE HARDWARE NEEDED TO MOUNT THE HEATERS AND EACH HEATER SHOULD BE SECURED TO A PERMANENT MEMBER SUCH AS A JOIST OR STUD.

To successfully install your heaters on the wall or ceiling, please consider the following:

- Most heaters are 20+ lbs. and the hardware should be rated for the correct weight of the heater.
- All hardware used to mount the heaters should be secured in a joist or stud.
- Thickness of drywall or sheetrock.

Any questions about the proper hardware to mount your heaters should be directed to your installer or contractor.

Every installation is unique due to the specific building aspects, and the contractor will need to install the heater(s) according to local code.



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Cove Heater Studio Clearances



Wall Mounted Cove

1,500 Watt Cove Heater

- 1 Ceiling Clearance:** Minimum clearance of **6"** between the top of the heater and the ceiling.
- 2 Clearance between heaters and combustible objects:** Heaters should be evenly spaced with at least a clearance of **6"-12"**.
- 3 Sprinkler Clearance:** The face of wall mounted heaters should be at least **3'** away from sprinkler heads.
- 4 Above Floor Clearance:** Ideal placement of the heater is **7-8'** above the floor from the bottom of the heater.
- 5 Wire Clearance:** Wires from the junction box should be secured to the wall or ceiling and covered by metal conduit or behind the drywall. No wiring should be exposed or touching the back of the heater.

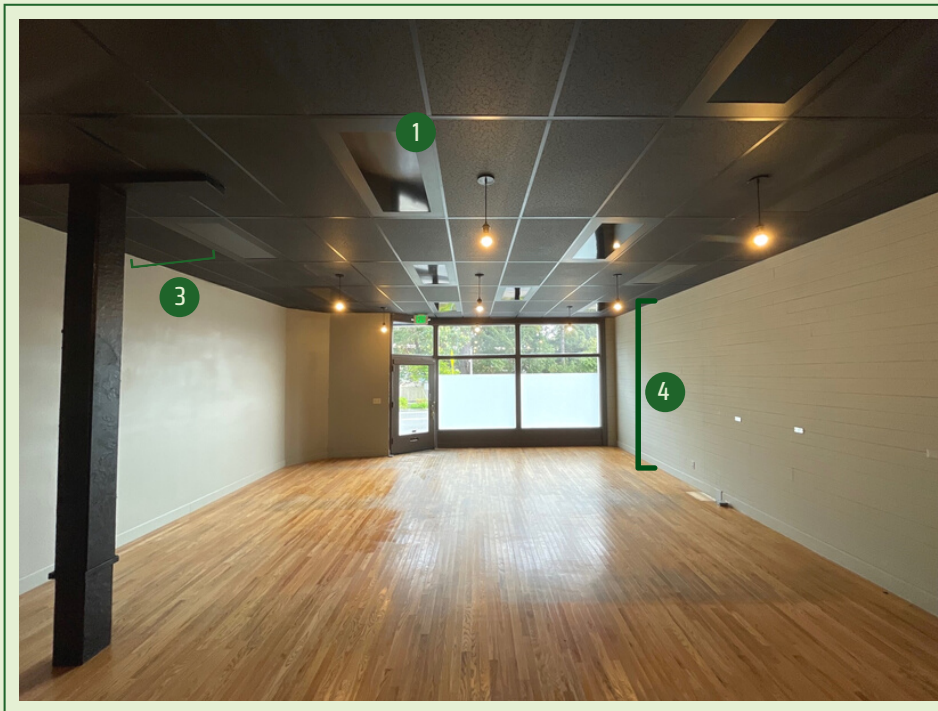
Ceiling Mounted Cove

1,500 Watt Cove Heater

- 1 Ceiling Clearance:** No additional clearance is required with use of 2.25" ceiling brackets.
- 2 Clearance between heaters and combustible objects:** Heaters should be evenly spaced with at least a clearance of **6"-12"**.
- 3 Sprinkler Clearance:** The side of the ceiling mounted heaters should be at least **1'** away from sprinkler heads.
- 4 Above Floor Clearance:** Ideal placement of the heater is **9-10'** above the floor from the bottom of the heater.
- 5 Wire Clearance:** Wires from the junction box should be secured to the ceiling and covered by metal conduit or behind the drywall. No wiring should be exposed or touching the back of the heater.



In-Ceiling Heater Studio Clearances



In-Ceiling Heater

1,250 Watt Cove Heater

- 1 Clearance from real ceiling:** Minimum clearance of 6" between the drop and real ceiling.
- 2 Clearance from additional heaters and fixtures:** Recommended one 2X4' tile but at least 6" between heaters and combustibles.
- 3 Clearance from adjacent walls :** 2' or one 2x4' tile.
- 4 Above Floor Clearance:** Ideal placement of the heater is 6-12' above the floor from the bottom of the heater.
- 5 Wire Clearance:** Wires from the junction box should be secured to the ceiling and covered by metal conduit or behind the drywall. No wiring should be exposed or touching the back of the heater.

Studio Layout Examples: Cove Heaters

Tips for heater placement and installation

- Even placement around the studio. Avoid clustered groups or any big spots without heaters- similar to installing lights.
- All heaters should be mounted at the same level to ensure even & timely heating. Coves and Ceiling heaters can be suspended from shed or cathedral ceilings to be at a uniform height.
- Recommended adjacent wall clearance is 2'.



Suspended Cove Heater



Ceiling Mounted Cove Heater



Wall Mounted Cove Heater

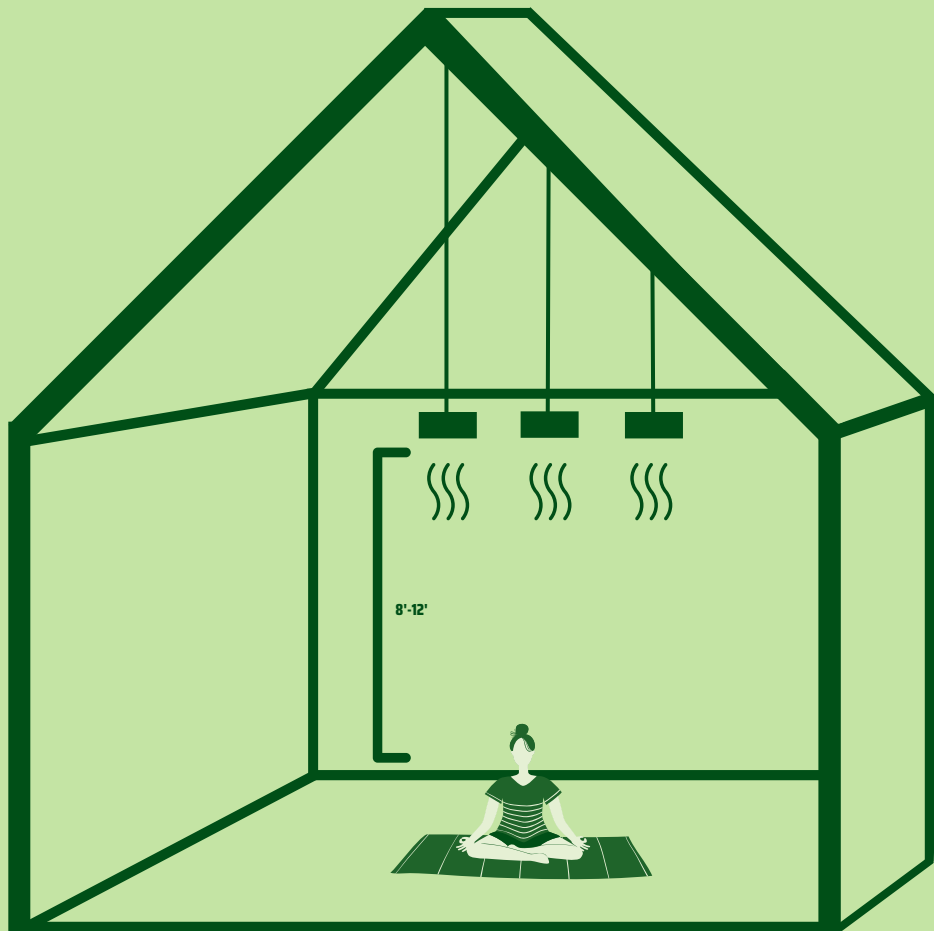
Studio Layout Examples: In-Ceiling Heaters



Tips for heater placement and installation

- Even placement around the studio. Avoid clustered groups or any big spots without heaters- similar to installing lights.
- All heaters should be mounted at the same level to ensure even & timely heating. In-ceiling heaters can be suspended from shed or cathedral ceilings to be at a uniform height.
- Recommended adjacent wall clearance of 2' or one 2x4' tile.

Suspended Ceiling Heaters: Cathedral and Shed Ceiling



Suspended Cove & Ceramic Ceiling Heaters

For even heat distribution, suspended infrared heaters must be hung so that the heaters are at the same height above the floor.

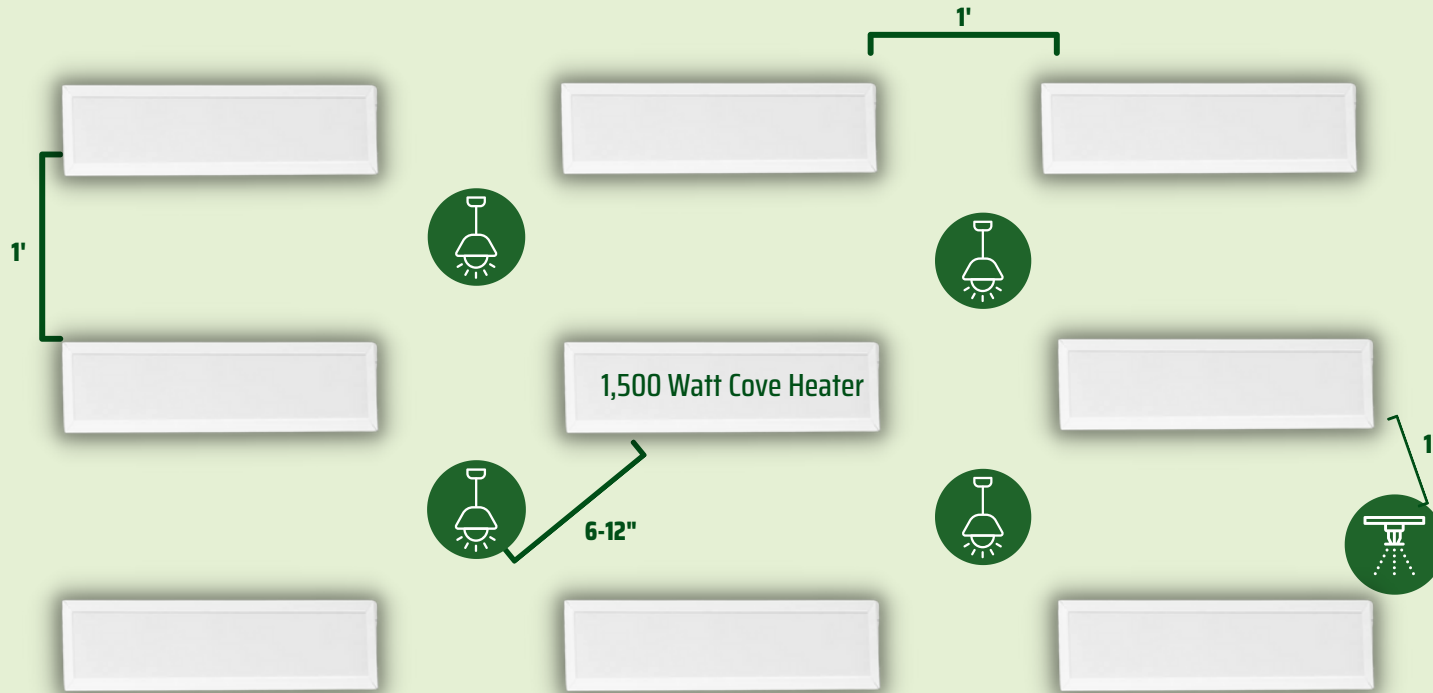
These heaters can be suspended with an above floor clearance of 8-12'.

Recommended hardware includes aircraft cable or chains and must be rated for the weight of the heater.

Pro Tip!

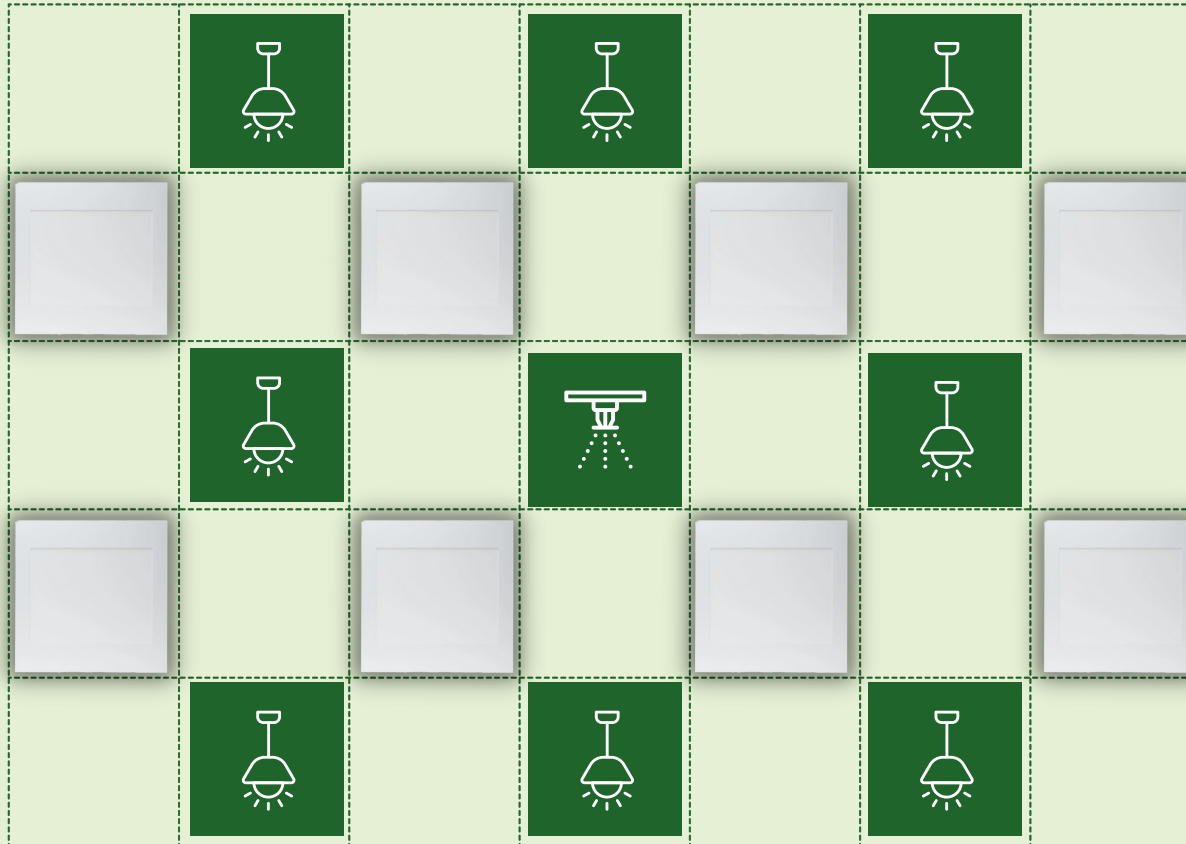
The closer the heaters are to the students, the more they will feel the benefits of infrared heat!

Top View: Ceiling Mounted Cove Heaters



- Heaters should be spaced uniformly for even heat distribution. It is recommended for at least 1' of space in between heaters.
- Heaters should be 6-12" away from fixtures and combustible materials.
- Heaters must be 1' away from sprinkler heads.

Top View: In-Ceiling Heaters



- Heaters should be spaced uniformly for even heat distribution. It is recommended for one 2x4' tile to be in between adjacent lights and additional heaters.
- Heaters should be at least 6" away from fixtures and combustible materials.
- Heaters must be 1' away from sprinkler heads.



Post Installation

Follow our [Operation Guide](#) to learn more about your system and how to start up and run the ideal infrared heating system for your hot yoga studio!

Share pictures of your studio with the heaters installed and tag us on social media!
We love our infrared hot yoga community!



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