WALL MOUNTED—WHOLE ROOM

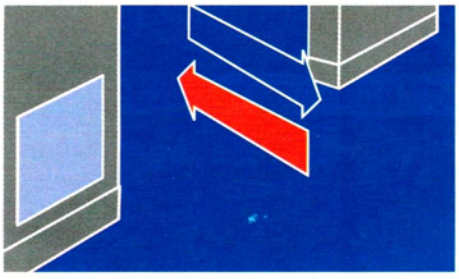
ELECTRIC SPACE HEATER

Model 110/400 Watt

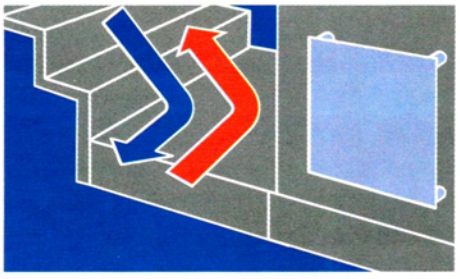
READ AND SAVE THESE INSTRUCTIONS FOR THE USE AND CARE OF YOUR ECO-HEATER

1. As a general guide to heater size selection, use one (1) 400 Watt ECO-heater per 120 square feet of floor area.
2. In rooms that have one or more of the following conditions: inferior insulation, many windows, staircases leading upwards, adjoining rooms that cannot be closed off (open plan), outside entrances, all-season or three-season sun porches/ sunrooms or other areas with large areas of glass, the Watt ratio may vary.
3. **For maximum efficiency ECO-heaters should be mounted as near to the floor as possible. A good guide is between 4 to 18 inches from either the floor or the baseboard. If the choice is available, mount the heaters on an inside, rather than an outside walls. If an outside wall is the only choice, then mount away from windows and exterior doors.**
4. ECO-heaters are provided with a factory installed power cord. The attached cord has a 2-blade polarized plug for use in 110 Volt outlets. This heater may only be used with 110 Volt AC power.
5. Caution: to prevent electric shock, match wide blade of plug to wide slot, and fully insert.
6. The heater is ON when the ON/OFF switch glows red. The heater is OFF when the ON/OFF switch is dark.
7. ECO-heaters are designed so that they can be left on for extended periods of time without reducing the life of the heater or damaging it in any way.
8. If the heater will not be used for an extended period of time, coil the power cord and store in a protected location.
9. Heaters may be cleaned using a slightly damp cloth and mild detergent. Never soak or submerge the heater in water.
10. ECO-heaters can be painted to match any decor with acrylic latex paint. (Do not use oil based paint). Do not paint over the Danger marking.
11. All heaters come with a 5 year limited warranty. Warning: Any servicing should be done by an authorized service representative.

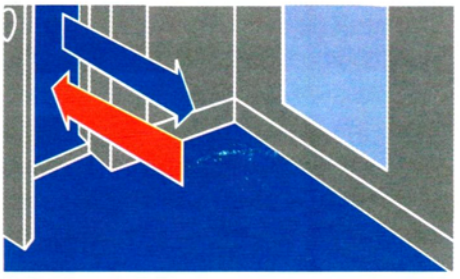
THESE ROOM FEATURES CAN AFFECT THE EFFICIENCY OF YOUR ECO-HEATER



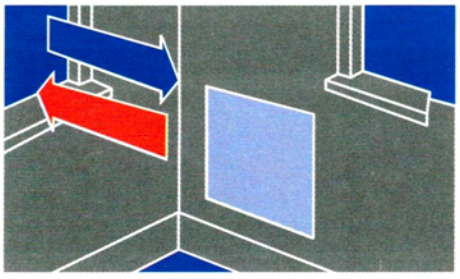
An floor plan that has open access to other rooms



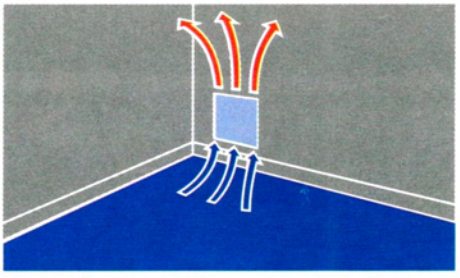
Heater placed near a stairway to an upper floor



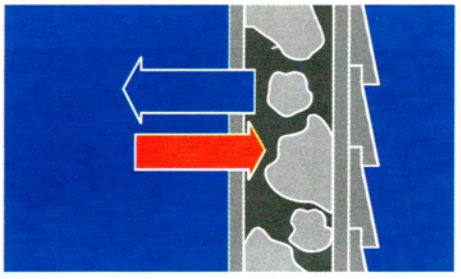
Exterior doorway



Numerous windows



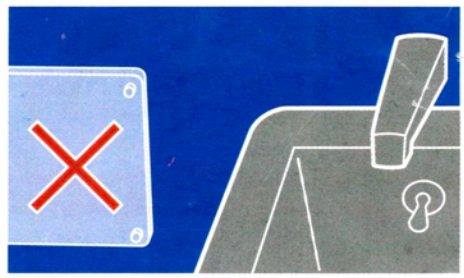
Room is larger than recommended sizefor heater



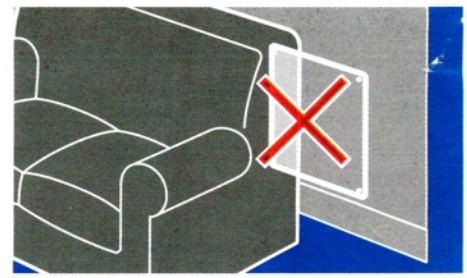
Inadequate insulation, however, the use of an optional reflective thermal shield will help overcome this issue

FOUR MISTAKES TO AVOID WHEN INSTALLING & USING YOUR ECO-HEATER

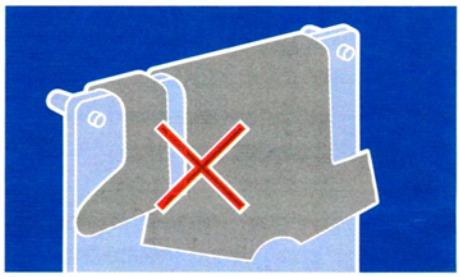
Don't mount in front of electric wall outlet, or immediately above or below an electric wall outlet.



This heater is not intended for use in bathrooms, laundry areas, and similar locations where a person might be in contact with water and can also operate the unit. Never locate heater where it may fall into a bathtub or other water container.



Keep combustible materials such as furniture, beddings, drapes, and paper at least 3 feet from the front of the heater.



DO NOT COVER THE HEATER.
Don't use ECO-heater to dry clothing or any other items.

INSTRUCTIONS IMPORTANT SAFETY INSTRUCTIONS

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet from the front of the heater and keep them away from the sides and rear.
3. Extreme caution is necessary when any heater is used near children or invalids, and whenever the heater is left operating and unattended. Children and invalids should not operate the heater.
4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner.
6. Do not use the heater outdoors.
7. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations where a person might be in contact with water and can also operate the unit. Never locate heater where it may fall into a bathtub or other water container.
8. To avoid electrical shock do not turn heater off or on while you are standing in water or when your hands are in water.
9. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
10. To disconnect heater, turn the switch to off, then remove the plug from the outlet. Pull only by the plug. Do not pull on the cord when disconnecting it.
11. These heaters are for wall mounting only, and should under no circumstances be used as free standing heaters.
12. Before drilling into wall, check that the area is free of electric wiring and pipes embedded in the wall.
13. The heater must not cover, or be mounted immediately below a power outlet, or overheating of the outlet may occur.
14. Some wallpaper glues may not be resilient to elevated temperatures so it is advisable to test the wallpaper first to avoid damage.
15. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
16. ECO-HEATER HAS NO USER SERVICEABLE PARTS INSIDE and should only be opened by authorized agent.
17. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No. 18 AWG minimum size and rated not less than 530 watts. If an extension cord must be used it should be rated at not less than 10 Amps.
18. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
19. WARNING: In order to avoid overheating, DO NOT COVER THE HEATER WITH ANYTHING, including clothing or any other materials.
20. SAVE THESE INSTRUCTIONS.

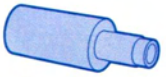
INSTALLATION INSTRUCTIONS

INSTALLATION KIT INCLUDES:

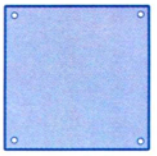
Drywall wall anchor (4x)

Masonry wall anchor (4x)

Screw (4x)

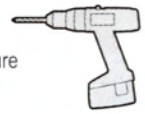

Mounting post (4x)

Mounting post cap (4x)


Drilling template (1x)

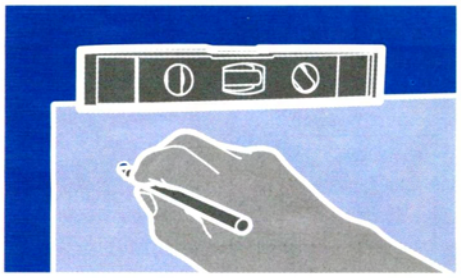
TO INSTALL YOUR ECO-HEATER, YOU'LL NEED:

Level or tape measure or ruler

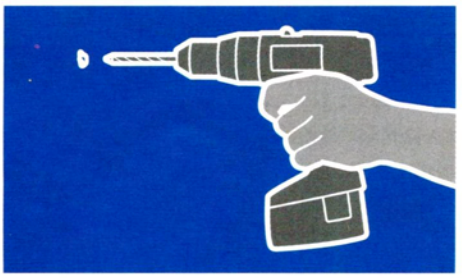

Electric drill

Medium-sized Phillips screwdriver

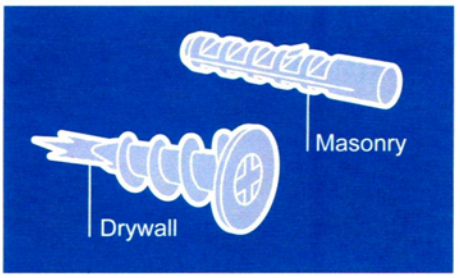
Paint brush or roller



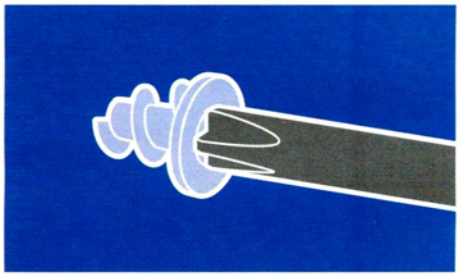
Use the template to mark the position of the four holes on your wall. Optimally, the bottom of the template is between 4" and 18" from the floor.



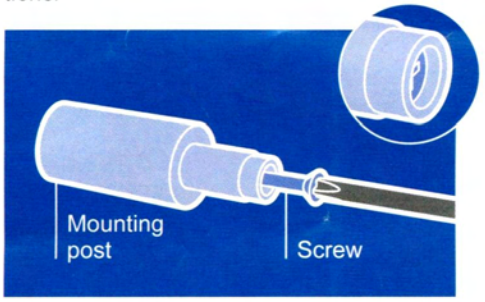
Use a 7/32" drill bit to drill pilot holes for the drywall anchors; however, if you drill into a stud, use a 1/8" bit and do not use an anchor. On a masonry wall, drill 1-1/2" deep holes. *If you use an alternate wall anchor system, follow the manufacturer's instructions.*



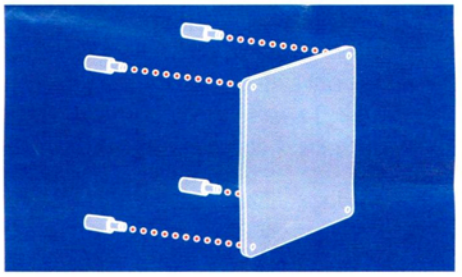
Your ECO-heater unit includes mounting hardware for either masonry or drywall installations. *If your walls require different hardware, make sure the screw is long enough to accommodate the length of the mounting leg, and that the head of the screw fits in the countersink hole of the mounting leg.*



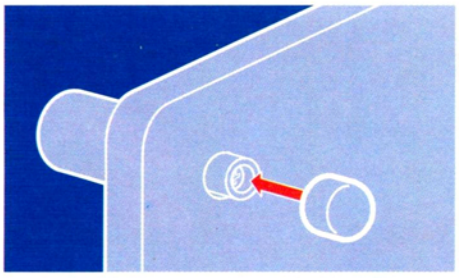
Use a Phillips head screwdriver to screw the drywall anchor into the pilot hole. For a masonry wall, push the masonry plug into the pilot hole until it is flush with the wall.



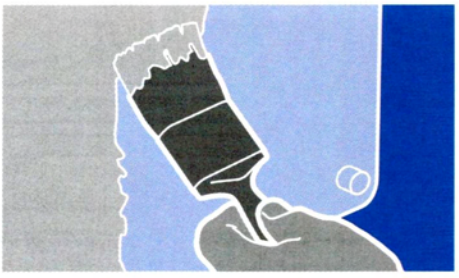
Use the 3" long screws to secure the four mounting posts to the wall. Make sure the head of the screw is seated in countersink hole of the mounting post. DO NOT FINISH TIGHTENING THE FOUR SCREWS UNTIL THE PANEL IS PLACED ON THE POSTS.



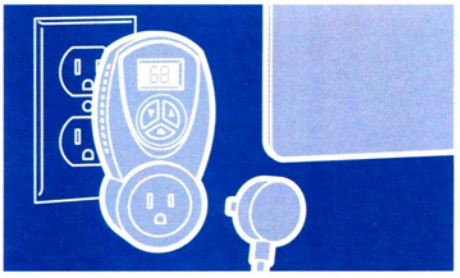
Align the holes on the ECO-heater unit with the mounting posts. If the holes do not align, the posts must be repositioned. After posts are firmly screwed in, the heater should still be able to slide on the posts. Do not force the heater onto posts. This could cause stress to the heater resulting in cracking when the heater is in use. IGNORING THESE INSTRUCTIONS WILL VOID THE WARRANTY.



With the ECO-heater unit in place, finish tightening the screws. Then snap the caps over the ends of the four mouting posts to lock the unit in place.

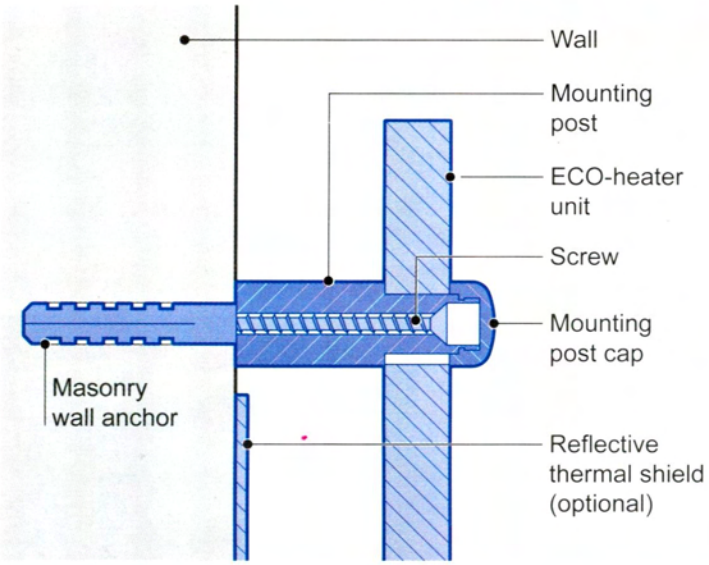


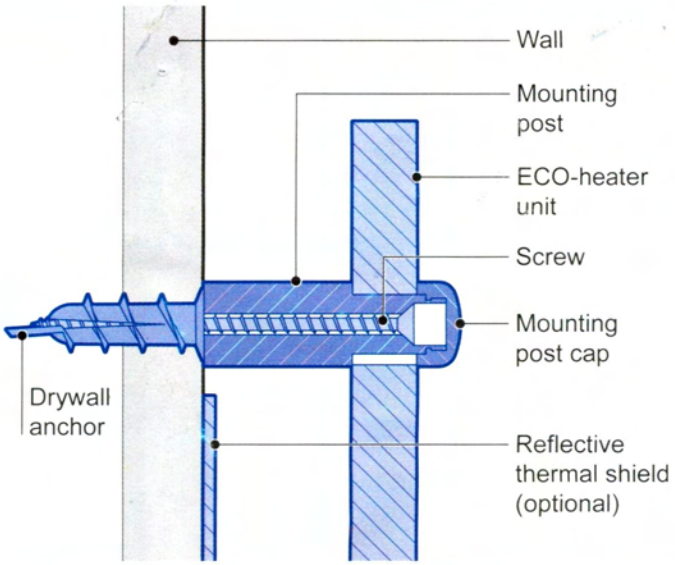
ECO-heater can be painted with acyrlic latex paint. DO NOT PAINT WITH OIL BASED PAINT. Painting or decorating is at the purchaser's discretion and risk.



Optional thermostats, timers, and reflective thermals shields available separately.

CROSS SECTION OF ECO-HEATER INSTALLATION





LIMITED WARRANTY

ECO-heater Electric Panel Heaters are warranted against defects in workmanship and materials for five (5) years from date of purchase. This warranty does not apply if damage or malfunction occurs due to accidents, improper handling or operation; shipping damage, abuse, misuse, alterations, unauthorized repairs made or attempted, improper installation of wiring, operation with connected voltage more than 5% greater than the nameplate voltage.

In the rare instance that a heater develops very minor hairline cracks on the paint surface and/or board material this will not normally be considered a warrantable item. If this does occur, the safety and performance of the heater will not be affected by cosmetic defects.

The customer shall be responsible for all costs incurred in the removal or reinstallation of the products, including but not limited to labor costs and shipping costs to return the heater to the ECO-heater service center. Within the limitations of this warranty and at the discretion of ECO-heater, we will repair or replace the heater.

Should repair or replacement be necessary during the warranty period, contact ECO-heater (see below) for return address instructions and return your complete product, and a copy of your proof of purchase:

THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, AND ALL IMPLIED GUARANTEES OF PERFORMANCE OR FITNESS FOR PURPOSE WHICH EXCEED THE AFORESAID EXPRESSED WARRANTY ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS AGREEMENT.

ECO-heater, Inc., SHALL NOT BE LIABLE NOR DOES THIS WARRANTY COVER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY CAUSE WHATSOEVER, INCLUDING BUTNOT LIMITED TO; NEGLIGENCE, TORT, STRICT LIABILITY OR CONTRACT.

CODE AND SAFETY COMPLIANCE

ECO-heater Electric Wall Panel Heaters comply with all known electrical and building code requirements for installation in the USA and Canada. This product conforms with the directives and standards of UL2021 (Air Heaters, Room, Fixed and Location Dedicated) and International Electrotechnical Commission (IEC) safety standards 60335-2-30.

The Batch No. on the Junction box denotes the quarter and year of manufacture. 'A' denotes January – March; 'B' denotes April – June; 'C' denotes July – September; 'D' denotes October – December

CONTACT US

If any items are missing or damaged when opening the box please:

DO NOT RETURN THE HEATER TO YOUR RETAIL STORE!

Please direct all inquiries to:

ECO-heater, Inc.
Email: warranty@ecoheat.com
Web: www.ecoheat.com

ECO-heater®

www.ecoheat.com

APPROVAL AND CONTROL NUMBER
3160553

Tested and Certified to
Underwriters Laboratories (UL) Safety Standard 2021
International Electrotechnical Commision (IEC)
Saftey Standard 60335-2-30

Document EH–2009–Ins1S

© 2009 ECO-heater