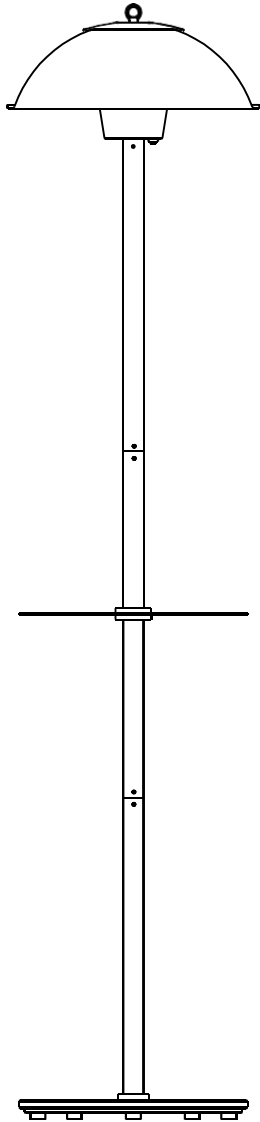


INSTRUCTIONS MANUAL



WARNING FOR YOUR SAFETY

1. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.
2. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this equipment.
3. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

**UNIT MUST BE ON A
DEDICATED ELECTRICAL
CIRCUIT.**

**PLEASE READ THESE
INSTRUCTIONS CAREFULLY
BEFORE USING YOUR
NEW HEATER.**

Model No: PH-90202-SS

ASSEMBLE & OPERATION INSTRUCTION

Please read carefully and Save this instruction



Questions, Concerns, Missing parts?

Before returning to the store, please contact our customer service team

Please call 888-287-0735 / 8am – 5pm PST / Monday to Friday

Email: Service@Permasteel.net



BEFORE YOU BEGIN

Please read and understand this entire manual before attempting assembly, operate and install this appliance, if you have any questions regarding this product, please call us 888-287-0735 M – F 8:00am – 5:00pm Pacific or email us at service@permasteel.net

This manual contains important information about the assembly, operation and maintenance of this appliance. General safety information is presented in the first few pages and is also located throughout this manual. Keep this manual for future reference and to educate new users of this appliance.



SAFETY INFORMATION

WARNING

To Reduce the Risk of Fire

1. Do not place any objects such as furniture, papers, clothes and curtains closer than 3 feet to the front of the heater and keep them away from the sides and rear when the heater is plugged in.
2. Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
3. Always unplug the heater if it is not being used.
4. 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 should be N014 AWG minimum size and rated not less than 1875 watts.

WARNING

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

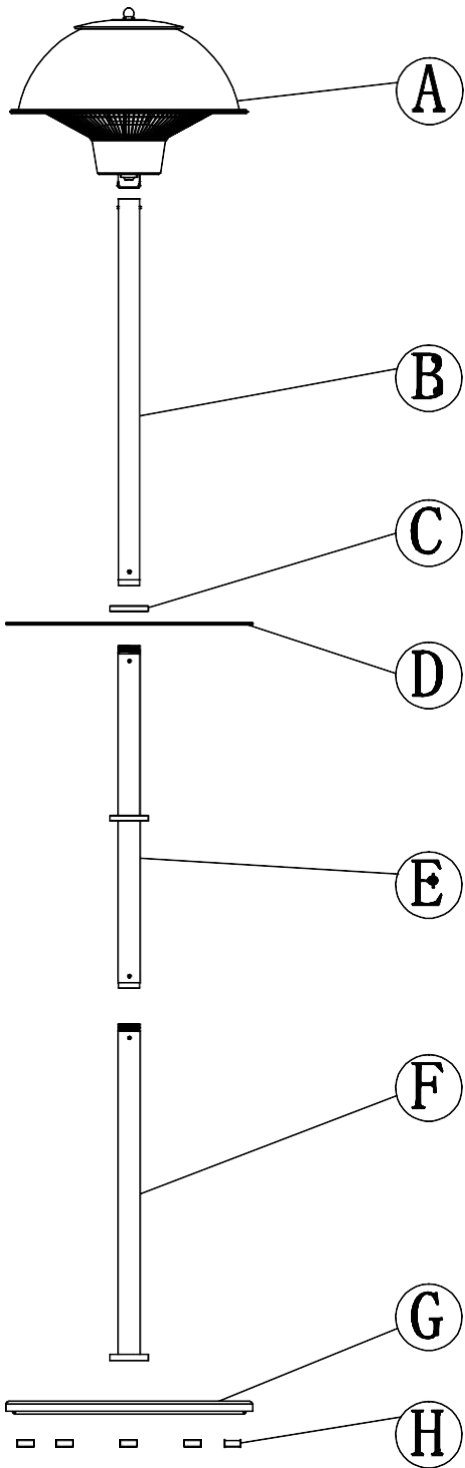
CAUTION Risk of Fire

Keep combustible materials such as furniture, papers, clothes and curtains at least 0.91m/3ft from the front of the heater, and away from the sides and rear. Attach base before using.

CAUTION Risk of Electric Shock – Do not open.





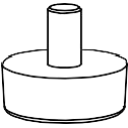
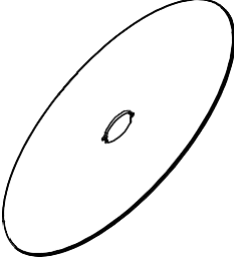
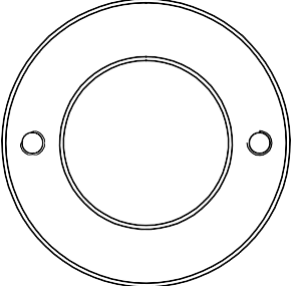



No user – serviceable parts inside.

PACKAGE CONTENTS



PART	DESCRIPTION	QTY
A	HEATING ELEMENT	1
B	UPPER TUBE	1
C	RETAINING RING	1
D	TABLE	1
E	MIDDLE TUBE	1
F	LOWER TUBE	1
G	WEIGHTED BASE	1
H	BASE ADJUSTABLE FEET	5

HARDWARE LIST

 <p>Flat washer $\Phi 24 * \Phi 6.5 * 2.0$ Qty: 3pcs</p>	 <p>Split lock washer $\Phi 6.5 * 1.5$ Qty: 3pcs</p>	 <p>Screw PM5*10 Qty: 2pcs</p>
 <p>Hex bolt M6*35 Qty: 3pcs</p>	 <p>Base feet M8 Qty: 5pcs</p>	 <p>Table $\Phi 440 * 4$ Qty: 1pc</p>
 <p>Retaining ring SUS304 Qty: 1pc</p>	 <p>Bolt PM6*12 Qty: 2pcs</p>	 <p>Bolt PM4*20 Qty: 4pcs</p>
 <p>Power cord buckle PA66 Qty: 1pc</p>		

ASSEMBLY

Step 1:

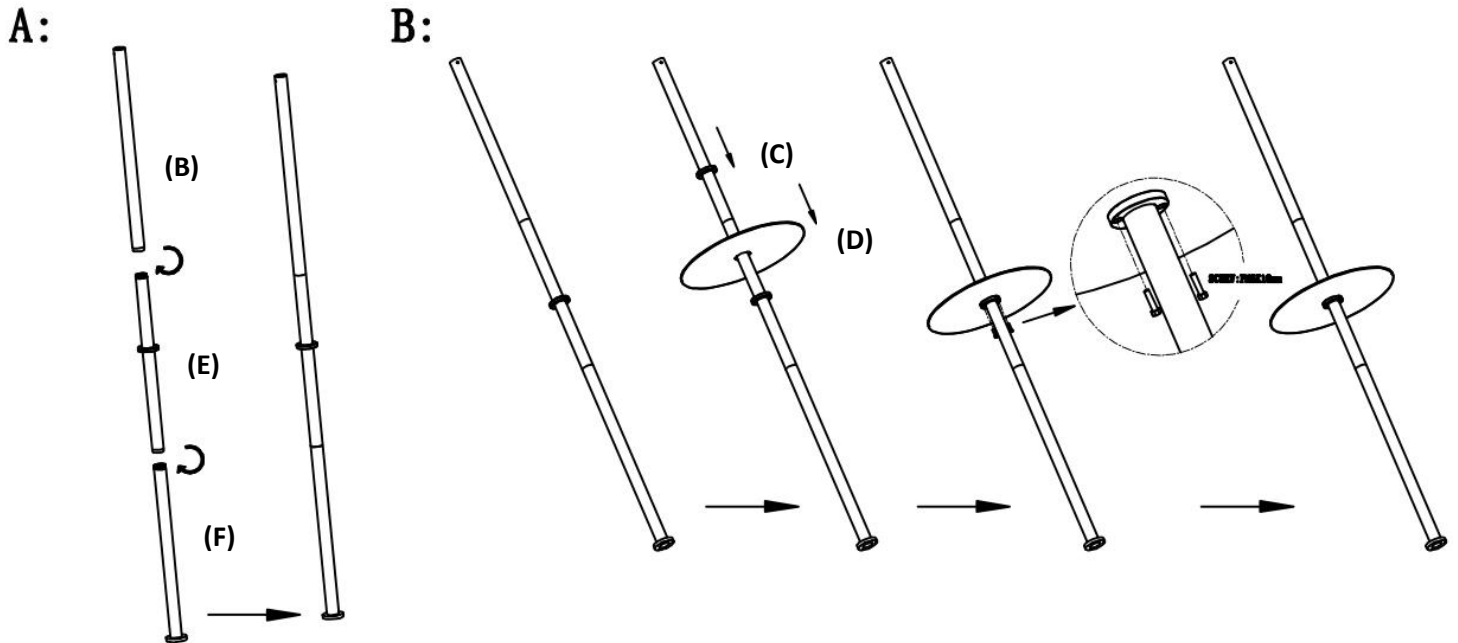
A. Locate parts upper tube (B), middle tube (E) & lower tube (F).

These tubes are threaded and will attach together twist tubes to assemble to make one long tube.

B. Locate parts table D, Retaining ring C and PM6*12 bolts.

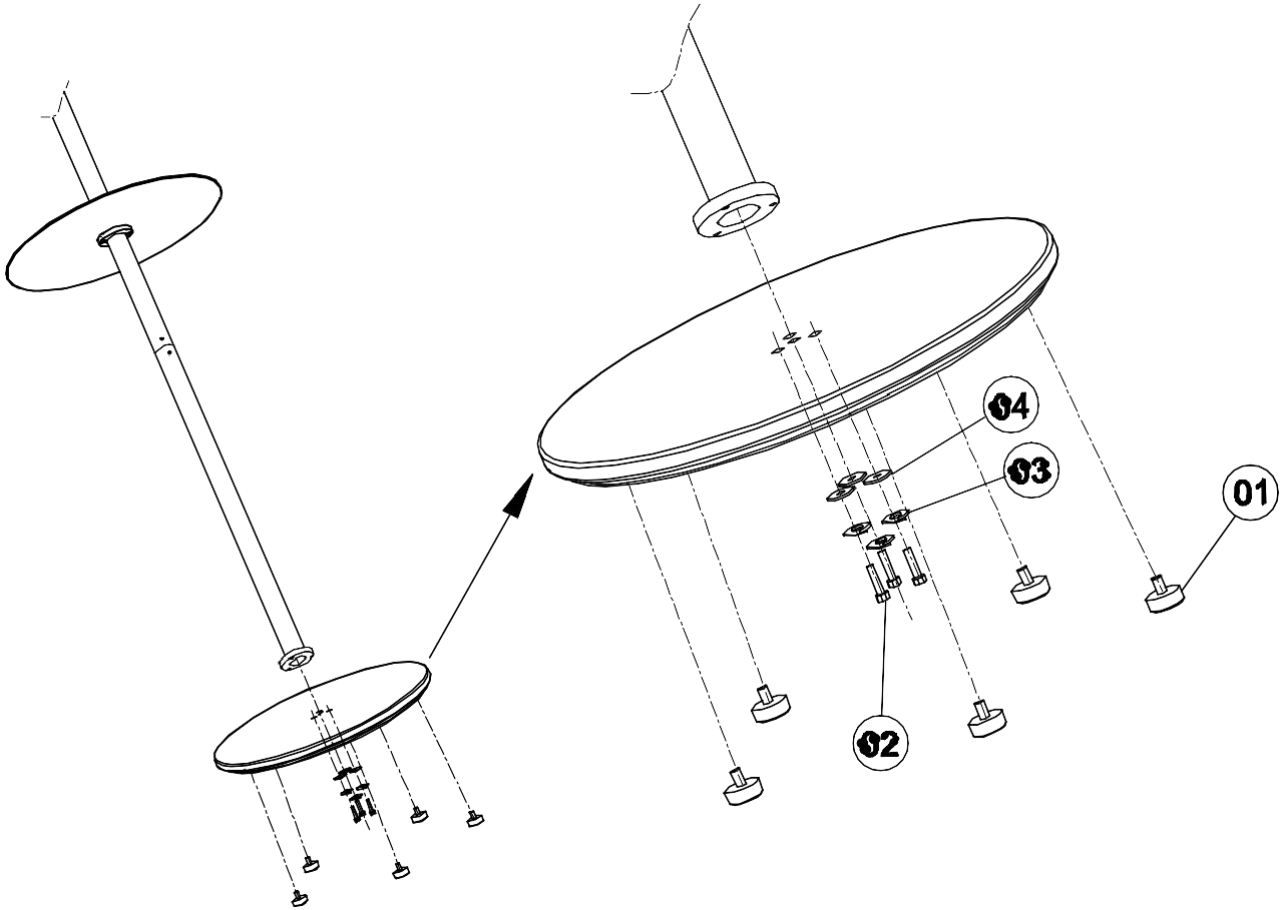
Slide Table D & retaining Ring C Through tube assembly until they stop at attached ring on middle tube E attach table from the bottom of ring with the PM6*12 bolts screw tight.

Sketch Map:



Step 2:

Locate parts weighted base (G), base feet (H), hex bolt, split lock washer and flat washer. Attach the base to the tube assembly and screw it tight. Attach feet to base by screwing them in and adjusting as necessary.

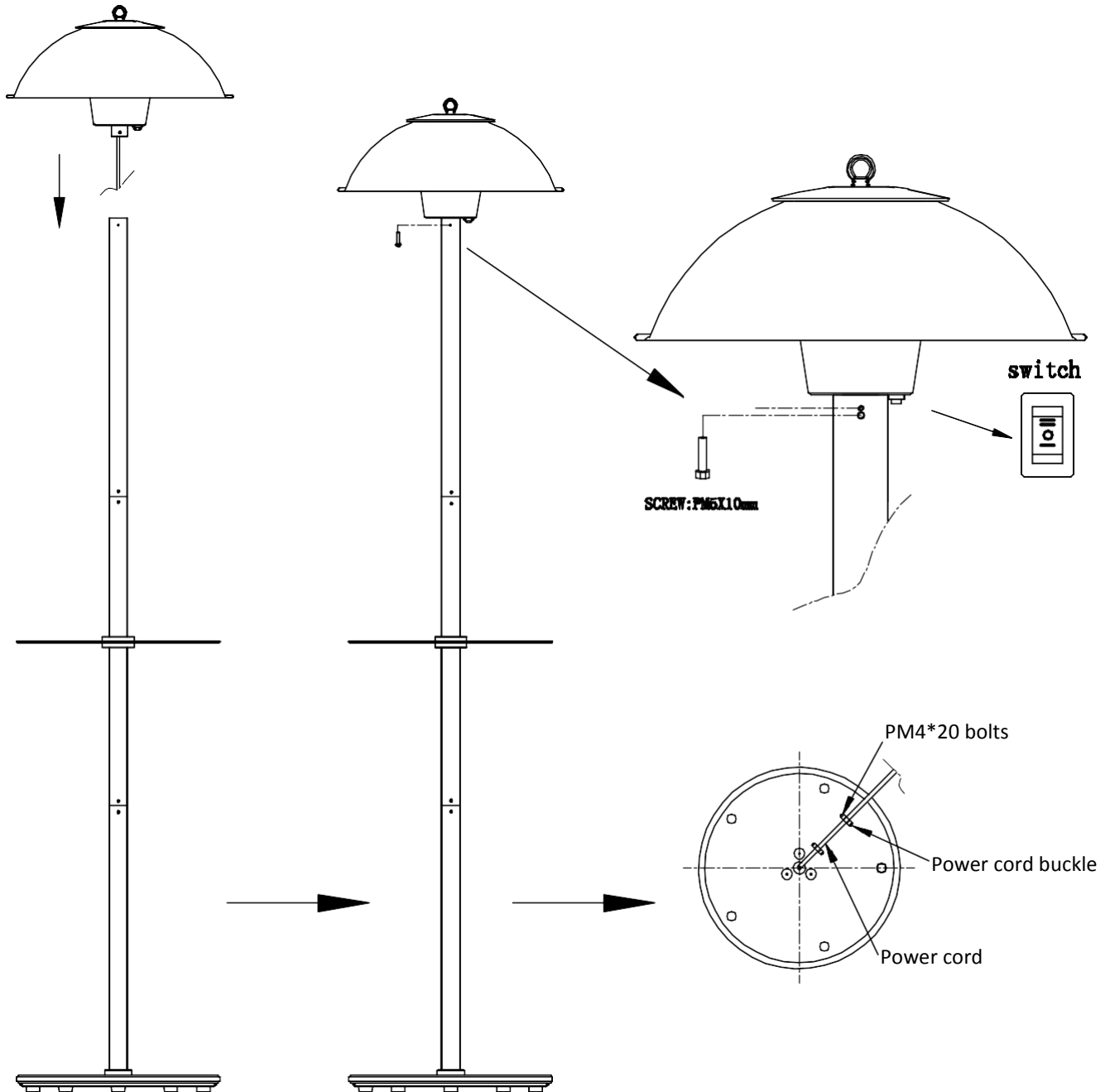


Number	Description	Quantity
1	Base feet	5
2	Hex bolt	3
3	Split lock washer	3
4	Flat washer	3

Step3:

Locate the following parts: Heating element (A), the tube you assembled in step 2, PM5*10 screw, PM4*20 screw and the power cord buckle. Thread the power cord attached to the heating element down the tube, may need to pull the power cord from the bottom.

Once the entire power cord has been pulled through the tube, connect the heating element to the tube with PM5*10 screw and tighten the screw. Secure the power cord with the cord buckle with PM4*20 bolts.



Note: The heater has a 45°C tip over angle function. If the heater tips over more than 45-degree angle, the heater will be automatically shut off.

WARNING: Ensure that the supply cables are well mounted and that it does not come in contact with the reflector of the heater or that it does not trail into a heated area.



OPERATING

Place the heater on a firm, level surface and plug into a grounded 120V 60Hz power outlet. Only operate the heater when it is in the upright position and the base is attached.

WARNING: Only use the halogen heater on a firm solid horizontal surface where all the feet on the base are in contact with the floor. (Should the heater be tilted or fall over, the auto shut-off switch will activate.)

1. Sit the heater outside or in a large open area and well away from any obstructions such as branches or where the heater is near any objects that can be affected by heat, such as furniture, curtains or other flammable objects (minimum distance 1m/3.28ft).
2. Do not use near bath tubs, wash areas or swimming pools.
3. Do not use in unventilated areas.
4. Do not use where gas, paint or other flammable goods are stored.
5. Do not push any items through, obstruct or cover the grill of the heater head.
6. Do not position immediately above or below an electrical socket.
7. Do not move when connected to an electrical supply. Always wait for the patio heater to cool down before storing.
8. Do not touch the heater head when in use.
9. Do not leave the heater unattended when in use, especially when children and or animals are in the vicinity.
10. The indication of the different positions of switches shall be visible from a distance of 1m/3.28ft.
11. The marking concerning covering shall be visible after the heater has been installed. It shall not be replaced on the back of portable heaters.
12. The heater must be placed with a clearance of 101.6cm / 40in to the wall and 30.48cm / 12in to the ceiling.
13. The unit must be correctly installed according to the instructions (see steps 1–6). Make sure the head is at least 1.8m/6ft from the floor.
14. The unit must be securely placed on a horizontal and flat surface.
15. The heater is at high-temperature during operation. It stays hot for a period after shut down. Potential danger would occur when touching it during this period.
16. Don't place the unit close to curtains and/or flammable objects, otherwise there will be a danger of catching fire.
17. DO NOT cover heater with anything during operation or until it has completely cooled.
18. Don't wrap the power supply cord around the heater.
19. The heater must be handled with care, and avoid vibration or hitting.
20. The heater must be securely grounded during operation.
21. If the heater gets damaged, it must be repaired by a professional.
22. When the power supply cord is damaged, it must be replaced by an authorized agent or other professional to avoid danger.
23. When assembling, keep clear from any flammable and combustible material.
24. Not for use by unsupervised children.
25. It is not safe to install the heater by a swimming pool, or in a bathroom / shower area.
26. The heater is for household use only. It is not safe to use on a building site, greenhouse, barn or stable where there's flammable dust.
27. The head of the heater is at high-temperature during operation. Unplug the unit and wait till it cools before cleaning.
28. Don't use the heater in places where causticity or volatile air exists, i.e., dust, steam, gas, etc.
29. Don't use this heater as a cloth or towel dryer.
30. Don't use this heater as a sauna heater.
31. Don't use this heater as a room heater.
32. Don't use this heater in places of animal propagating and raising.
33. Don't immerse this heater into water for cleaning.
34. The heater should be plugged into a socket, which is easily visible and reachable.
35. Two dark points may exist on the surface of the heating elements during the first few minutes after it is turned on. This is normal, and will not affect the performance of the unit.
36. A tilt switch is fitted inside the unit for safety purposes.

CLEANING AND MAINTENANCE

Disconnect the heater for your safety before cleaning your appliance and make sure the heater is cool before continuing.

Clean and dust off with a dry soft cloth only when the unit is disconnected and cool.

Do not use solvents or abrasive products for cleaning.

This thermal radiator has been manufactured under an assured quality system using environment friendly processes.

Please recycle the product appropriately when full lifespan has been reached.

Warning:

When the appliance is not operated for a long period of time, cleaning or maintenance is conducted or when the location of the heater is changed, the heater should be turned OFF and unplugged from the electrical connection.

TECHNICAL DATA

Model	PH-90202-SS
Power	1500 W
Voltage	110-120V
Weight	13 kg
Dimensions	50 x 50 x 210 cm
IP Code	IP34



The symbol on the product or in its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product. These instructions are only valid in the EU member states.

Limited Warranty:

This Patio Heater is Warranted to be free of defects in materials or workmanship for a period of one year from the date of the original purchase. Vendor may require reasonable proof of date of purchase therefore you should retain your sales receipt or invoice. This limited warranty does not cover failure due to abuse, misuse, accidents or unauthorized alterations or repairs. This limited warranty shall be limited to the repair or replacement of parts which prove defective within 1 year from date of purchase under normal use and service which vendor shall determine in its reasonable discretion upon examination to be defective. If your product is defective, please contact vendor customer service team provided below before returning the item. If vendor approves claim, vendor will replace such defective parts without a charge. If you return a defective part, shipping cost will be responsible by the original purchaser. In addition, the Limited Warranty does not cover damage to the finish such as scratches, dents, discoloration, rust or weather damage, after purchase. Consumer is responsible for shipping, handling and processing of warranty claims after 30 days of purchase date.

Limitation of Remedies and Liability:

We shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on its Product. Except to the extent prohibited by applicable law, any implied warranty or merchant ability or fitness for a particular purpose on this Product shall be limited to the duration of the above warranty. Neither us nor anyone else who has been involved in the creation, production, or delivery of the Product shall be liable for damages of any type, including but not limited to any lost profits, lost savings, loss of anticipated benefits, or other incidental or consequential damages which may arise out of the purchase, use, or inability to use the Product, whether arising out of contract, negligence, strict tort, or under any warranty, or otherwise, even if you have been advised of the possibility of such damage or any other claim by any other party.

Our liability for any breach of warranty shall be limited to repair or replacement of the defective part or parts as described above. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The above warranty gives you specific legal rights, and you may have other rights which vary from state to state.



Permasteel Inc.

Customer Service Toll Free: (888) 287-0735

Mon - Fri between 8:00 a.m. - 5:00 p.m. PST

E-Mail: service@permasteel.net