

TPI ICH240C

TPI ICH240C Series Portable Heater User Manual

Model: ICH240C | Brand: TPI

1. INTRODUCTION

The TPI ICH240C Series ICH Construction Site/Utility Fan Forced Portable Heater is a robust heating solution designed for demanding environments. It delivers reliable warmth with a formidable 4000/3000W power output and operates at 16.7/14.4 Amps. This fan-forced heater ensures efficient and even distribution of warmth, making it suitable for construction sites, utility spaces, and other challenging settings.

2. IMPORTANT SAFETY INFORMATION

Read all instructions before using this heater. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner.
- Do not use outdoors. This heater is intended for indoor use only.
- To disconnect heater, turn controls to OFF, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- 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.
- 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.

3. PRODUCT FEATURES

- **Powerful Heating Solution:** Formidable 4000/3000W power output for reliable and efficient warmth.
- **Durable Construction:** Engineered to withstand the demands of construction sites and utility spaces.
- **Efficient Fan-Forced Heating:** Ensures efficient and even distribution of warmth.
- **Versatile Power Options:** Operates at 16.7/14.4 Amps, catering to different electrical configurations.
- **Portable Design:** Allows for convenient placement in various demanding settings.

ICH SERIES

240/208 VOLT CONSTRUCTION SITE/UTILITY FAN FORCED PORTABLE HEATER

FEATURES

- 6' LONG CORD WITH MOLDED PLUG
- 262 CFM GENERATING 10' AIR THROW
- PULLS 16.7/14.4-AMPS @ 1-PHASE
- MAXIMUM BTU 13,648
- 43°F AIR HEAT RISE
- TEMPERATURE CONTROL THERMOSTAT WITH 60°F - 110°F RANGE
- DESIGNED FOR CEILING HEIGHTS 12' OR LESS

240/
208
VOLTS

1
PHASE

4000
MAX
WATTS

ICH-240C

20 AMP Plug
NEMA #6-20P




Figure 3.1: Key features and electrical specifications of the TPI ICH240C heater.

4. SETUP

The TPI ICH240C is designed for ease of use and portability. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the heater from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the heater on a stable, level surface. Ensure there is adequate clearance from walls, furniture, and any flammable materials (at least 3 feet from the front and 1 foot from the sides and rear).
3. **Power Connection:** Ensure the heater's power switch is in the "OFF" position. Plug the heater directly into a compatible 240V or 208V electrical outlet. Do not use extension cords or power strips.



Figure 4.1: Front view of the TPI ICH240C portable heater, showing its compact design and protective grille.

5. OPERATING INSTRUCTIONS

Operating the TPI ICH240C heater is straightforward:

1. **Power On:** Locate the control knob on the front of the heater. Turn the knob from the "OFF" position to either "LOW" or "HIGH" to activate the heating element and fan.
2. **Heat Settings:**
 - **LOW:** Provides a lower heat output (e.g., 3000W).
 - **HIGH:** Provides the maximum heat output (e.g., 4000W).
3. **Power Off:** To turn off the heater, rotate the control knob back to the "OFF" position. Unplug the unit from the power outlet when not in use for extended periods.



Figure 5.1: Control panel of the TPI ICH240C, indicating the power and heat settings.

Your browser does not support the video tag.

Video 5.1: Product Overview Video demonstrating the TPI ICH240C Portable Heater's features and operation. This video is provided by the seller.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your TPI ICH240C heater. Always unplug the heater before performing any maintenance.

- **Cleaning:** Use a soft, damp cloth to clean the exterior surfaces of the heater. Do not use abrasive cleaners or

solvents. Ensure no water enters the interior of the heater.

- **Fan and Grille:** Periodically check the fan blades and front grille for dust and debris accumulation. Use a vacuum cleaner with a brush attachment to gently remove any buildup.
- **Storage:** If storing the heater for an extended period, keep it in a cool, dry place, preferably in its original packaging to protect it from dust and damage.

7. TROUBLESHOOTING

If your heater is not operating correctly, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit; Overheat protection activated; Power switch is off.	Check power outlet and circuit breaker. Unplug the heater, wait 10 minutes for it to cool down, then plug it back in. Ensure the power switch is set to "LOW" or "HIGH".
Reduced heat output.	Air intake/exhaust blocked; Heater is on "LOW" setting.	Ensure clear airflow around the heater. Switch the heater to the "HIGH" setting.
Unusual noise or smell.	Dust accumulation; Internal component issue.	Unplug the heater and clean the fan and grille. If the issue persists, discontinue use and contact qualified service personnel.

8. SPECIFICATIONS

Attribute	Detail
Brand	TPI
Model Number	ICH240C
Wattage	4000/3000W
Voltage	240/208 Volts (as per product title and features graphic)
Amperage	16.7/14.4 Amps (as per product title and features graphic)
Item Weight	14 pounds
Product Dimensions	10 x 10.63 x 12.75 inches
Color	Red
Form Factor	Dish
Indoor/Outdoor Usage	Outdoor (Note: Product description implies utility/construction site, which can be outdoor. User should verify suitability for specific outdoor conditions.)
Mounting Type	Floor Mount
Fuel Type	Electric

Attribute	Detail
Number of Speeds	3 (Low, Off, High)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the official TPI Corporation website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the TPI Store for more information:[TPI Corporation Store](#)