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TRIO Cascada 100x57

TRIO Cascada 100x57 Infrared Heater Panel User Manual

Model: Cascada 100x57

1. Introduction

The TRIO Cascada 100x57 Infrared Heater Panel provides efficient warmth and thermal comfort using advanced infrared technology. This heater utilizes a carbon fiber heating element to emit long infrared waves, which directly warm objects and people in the room, rather than just heating the air. This method can contribute to improved blood circulation and a more comfortable environment. Its flexible, rollable design and lightweight construction ensure easy transport and storage. The unit features a simple on/off switch for straightforward operation and is built for durability with minimal mechanical components.



Figure 1: TRIO Cascada 100x57 Infrared Heater Panel in a living space.

2. Safety Instructions

Please read and understand all safety instructions before operating this appliance. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Read All Instructions:** Before using the heater, read all instructions carefully and keep them for future reference.
- **Indoor Use Only:** This heater is designed for indoor use only. Do not use it outdoors or in damp environments.
- **Electrical Safety:** Ensure the voltage indicated on the heater matches your local power supply (230V / 50Hz). Do not overload electrical outlets.
- **Avoid Covering:** Never cover the heater with clothing, blankets, or any other material. This can cause overheating and a fire hazard.
- **Placement:** Position the heater at least 1 meter (3 feet) away from flammable materials such as furniture, curtains, and other combustible items.
- **Water and Moisture:** Do not use the heater near water, in bathrooms, laundry areas, or any location where it may come into contact with water.
- **Children and Pets:** Keep the heater out of reach of children and pets. Do not leave the heater unattended when children or pets are nearby.
- **Unplug When Not in Use:** Always unplug the heater from the power outlet when not in use, before cleaning, or before moving it.
- **Damaged Cord/Plug:** Do not operate the heater with a damaged cord or plug. If the cord or plug is damaged, contact qualified service personnel for repair.

- **Ventilation:** Ensure adequate ventilation around the heater. Do not block air vents.
- **Do Not Insert Objects:** Never insert any objects into the heater's openings.

3. Package Contents

Please check the package for the following items:

- 1 x TRIO Cascada 100x57 Infrared Heater Panel (with integrated power cord and wooden mounting slats)

4. Setup and Installation

The TRIO Cascada 100x57 Infrared Heater Panel is designed for wall mounting.

1. **Unpack:** Carefully unroll the heater panel from its packaging.
2. **Choose Location:** Select a suitable wall location for installation. Ensure the chosen spot is away from flammable materials, direct water sources, and is within reach of a power outlet. The wall must be capable of supporting the heater's weight.
3. **Mounting:** The heater panel is equipped with integrated wooden slats at the top and bottom. Use appropriate wall hooks or screws (not included) to securely hang the panel on the wall using these slats. Ensure the panel hangs flat and securely.
4. **Connect Power:** Once securely mounted, plug the power cord into a standard 230V / 50Hz electrical outlet.



Figure 2: Heater panel mounted on a wall.

5. Operating Instructions

Operating the TRIO Cascada 100x57 Infrared Heater Panel is straightforward.

1. **Power On:** Ensure the heater is properly plugged into a functioning electrical outlet. Locate the in-line switch on the power cord.
2. **Adjust Power:** Slide the switch to the 'ON' position. The switch may also feature a slider to adjust the power level (e.g., between 'min' and 'max' settings). Adjust to your desired heat output.
3. **Heating:** The heater will begin to warm up, reaching its operating temperature within 40-60 seconds.
4. **Power Off:** To turn off the heater, slide the in-line switch to the 'OFF' position. For complete disconnection, unplug the unit from the wall outlet.



Figure 3: In-line power switch with power level adjustment.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your heater.

- **Cleaning:** Always unplug the heater from the power outlet before cleaning.
- **Surface Cleaning:** Wipe the surface of the heater with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface.
- **Drying:** Ensure the heater is completely dry before plugging it back into the power outlet.

- **Storage:** If storing the heater for an extended period, ensure it is clean and dry. You can carefully roll it up for compact storage.

7. Troubleshooting

If you encounter issues with your heater, please refer to the following common problems and solutions:

- **Heater Does Not Turn On:**
  - Check if the power cord is securely plugged into a working electrical outlet.
  - Ensure the in-line power switch is in the 'ON' position.
  - Test the outlet with another appliance to confirm it is receiving power.
- **Heater Produces No Heat:**
  - Verify that the heater is powered on and the power level is set appropriately (if adjustable).
  - Allow 40-60 seconds for the heater to reach its operating temperature.
- **Unusual Smell or Noise:**
  - A slight odor may be present during the first few uses; this is normal and will dissipate.
  - If you notice a strong, burning smell or unusual noises, immediately unplug the heater and discontinue use. Contact customer support.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Model	Cascada 100x57
Brand	TRIO
Heating Element	Carbon Fiber
Total Heating Surface Area	0.56 m²
Voltage	230 V / 50 Hz
Power	430 W
Current Consumption	1.8 A
Maximum Surface Temperature	75 °C
Time to Operating Temperature	40-60 seconds
Operation Time	Continuous (thermostat regulated)
Outer Foil Safety Category	IP20
Electrical Safety Category	Class II
Dimensions (H x W)	100 x 57 cm
Mounting Type	Wall Mount
Use Environment	Indoor Only

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the documentation provided at the time of purchase or contact your retailer. Please retain your proof of purchase for warranty claims.

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