

Tristar KA-5819

Tristar KA-5819 Smart Electric Convector Heater User Manual

Model: KA-5819 | Brand: Tristar

1. IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before using the appliance and keep them for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the voltage indicated on the rating label matches your mains voltage.
- Do not cover the heater to avoid overheating.
- Do not use this heater in the immediate vicinity of a bath, shower, or swimming pool.
- Keep flammable materials such as furniture, curtains, and other combustible items at least 1 meter (3 feet) from the front and sides of the heater.
- Always unplug the heater when not in use.
- Do not operate the heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

2. PRODUCT OVERVIEW

The Tristar KA-5819 is a smart electric convector heater designed for efficient room heating. It offers multiple control options and safety features.

Key Features:

- **Power Output:** Up to 2000W with 3 adjustable heat settings (750W, 1250W, 2000W).
- **Control Options:** Manual via integrated digital LCD screen, remote control, or smartphone app (Tuya Smart).
- **Timer Function:** Programmable timer from 1 to 24 hours.
- **Anti-freeze Mode:** Automatically activates 2000W heating when ambient temperature is too low.
- **Safety:** Overheating protection and stable integrated feet.
- **Connectivity:** Compatible with 2.4 GHz WiFi networks for smart control.



Figure 1: Side view of the Tristar KA-5819 convector heater. This image highlights the main power switch, air vents, and the sturdy integrated feet that provide stability. The power cord is visible at the bottom right.

3. SETUP

3.1 Unpacking

Carefully remove the heater from its packaging. Retain the packaging for future storage or disposal. Check for any damage during transit. The package should include the convector heater, a remote control (with CR2032 battery), and this user manual.

3.2 Placement

- Place the heater on a firm, level surface. The integrated feet ensure stability.
- Ensure there is at least 1 meter (3 feet) of clear space around the heater from walls, furniture, and other objects to allow for proper air circulation and prevent fire hazards.
- Do not place the heater directly below a power socket.
- Avoid placing the heater in areas where it could be easily knocked over or where children or pets might come into contact with it.

3.3 Power Connection

Plug the power cord into a suitable 240V electrical outlet. Ensure the outlet is properly grounded and can handle the heater's 2000W power consumption.

4. OPERATING INSTRUCTIONS

4.1 Initial Power On

Flip the main power switch located on the side of the unit to the 'ON' position. The digital LCD screen will illuminate.

4.2 Manual Control (Digital LCD Screen)

Use the control buttons on the heater's digital LCD screen to adjust settings. The screen displays the current ambient temperature and selected settings.

- **Power Settings:** Select between 750W, 1250W, or 2000W for desired heat output.
- **Thermostat:** Set the desired room temperature. The heater will automatically regulate its operation to maintain this temperature.
- **Timer:** Activate the timer function to set the heater to operate for a specific duration (1 to 24 hours).

4.3 Remote Control Operation

The included remote control allows convenient adjustment of settings from a distance. Ensure the CR2032 battery is correctly installed. Point the remote control towards the heater's display panel.

- **Power Button:** Turn the heater ON/OFF.
- **Mode/Heat Setting Button:** Cycle through 750W, 1250W, and 2000W power levels.
- **Temperature Up/Down Buttons:** Adjust the desired thermostat temperature.
- **Timer Button:** Set or adjust the operating timer.

4.4 Smart Control (Tuya Smart App)

For advanced control and remote operation, download the free Tuya Smart app from the Apple App Store or Google Play Store.

1. **Download App:** Search for "Tuya Smart" in your device's app store and install it.
2. **Register/Login:** Create an account or log in to your existing Tuya Smart account.
3. **Add Device:** Follow the in-app instructions to add the Tristar KA-5819 heater. Ensure your smartphone is connected to a 2.4 GHz WiFi network during the pairing process.
4. **Control:** Once paired, you can control all heater functions (power, heat settings, thermostat, timer, anti-freeze mode) from your smartphone, even when away from home.

4.5 Anti-freeze Mode

The anti-freeze function automatically activates the 2000W heating mode if the ambient temperature drops below a certain threshold (typically around 5°C / 41°F) to prevent freezing. This mode can usually be enabled or disabled via the digital display or the Tuya Smart app.

5. MAINTENANCE

5.1 Cleaning

- Always unplug the heater and allow it to cool completely before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Do not immerse the heater in water or allow water to drip into the interior of the heater.
- Periodically clean the air intake and outlet grilles with a vacuum cleaner to remove dust and lint.

5.2 Storage

When not in use for extended periods, store the heater in a cool, dry place. It is recommended to store it in its original packaging to protect it from dust and damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; Main power switch OFF; Overheating protection activated.	Check power cord connection and wall outlet; Ensure main power switch is ON; Unplug, let cool for 30 minutes, then plug back in.
Heater produces no heat or insufficient heat.	Low power setting selected; Thermostat set too low; Room size exceeds heater capacity.	Increase power setting (750W, 1250W, 2000W); Adjust thermostat to a higher temperature; Ensure room size is within 20 m ² recommended.
Remote control not working.	Battery depleted; Obstruction between remote and heater; Remote not pointed correctly.	Replace CR2032 battery; Remove any obstructions; Point remote directly at the heater's display panel.
App control not working / Cannot connect to WiFi.	Incorrect WiFi password; Not connected to 2.4 GHz WiFi; Heater not in pairing mode; Router issues.	Verify WiFi password; Ensure your phone is on a 2.4 GHz network during setup; Follow app instructions to put heater in pairing mode; Restart router and heater.
Unusual noise or smell.	Dust accumulation; Internal malfunction.	Unplug and clean the heater (see Maintenance); If problem persists, discontinue use and contact customer support.

7. SPECIFICATIONS

Brand	Tristar
Model Number	KA-5819
Dimensions (L x W x H)	60.5 x 21 x 37.5 cm
Weight	3.12 kg
Power Output	750W / 1250W / 2000W
Voltage	240 Volts
Heating Method	Convection
Noise Level	35 Decibels
Material	Metal
Special Features	Remote Control, Digital LCD Display, Smart App Control (Tuya Smart), Timer, Anti-freeze Mode, Overheating Protection
Recommended Room Size	Up to 20 m ²
Connectivity	2.4 GHz WiFi

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Tristar website. If you encounter any issues or require technical assistance, please contact Tristar customer support. Keep your purchase receipt as proof of purchase.

- **Manufacturer:** Tristar
- **Website:** www.tristar.eu

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