

EQUATION 3276007205930

EQUATION Tim 500W Mini Ceramic Fan Heater User Manual

Model: 3276007205930

1. IMPORTANT SAFETY INFORMATION

Please read this manual carefully before using the EQUATION Tim 500W Mini Ceramic Fan Heater. Keep these instructions for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Placement:** Always place the heater on a firm, level, and stable surface. Ensure it is not near flammable materials, curtains, or furniture.
- **Power Supply:** Connect the heater only to a grounded electrical outlet with the correct voltage (230V AC). Do not overload the circuit.
- **Ventilation:** Do not cover the heater or obstruct its air inlets/outlets. Ensure adequate space around the unit for proper airflow.
- **Moisture:** Do not use the heater in wet or damp environments, such as bathrooms or laundry rooms, to avoid electric shock.
- **Children and Pets:** Keep the heater out of reach of children and pets. Do not leave the heater unattended when in use.
- **Safety Features:** This heater is equipped with a thermal switch and a tip-over switch for maximum safety. If the heater overheats or is accidentally knocked over, it will automatically shut off.
- **Low Oxygen Safety Shut-off:** The heater also features a low oxygen safety shut-off mechanism.
- **Disconnection:** Always unplug the heater from the power outlet when not in use or before cleaning. Do not pull the cord to unplug.

2. PRODUCT OVERVIEW

The EQUATION Tim 500W Mini Ceramic Fan Heater is a compact and efficient heating solution designed for personal spaces up to 5.4 m². It features ceramic heating technology for rapid warmth and includes several convenient and safety features.

Key Features:

- **500W Ceramic Heating:** Provides quick and effective warmth.
- **Compact and Portable:** Lightweight design with an integrated handle for easy transport.
- **Body Sensor:** Automatically turns off the heater after 2 minutes of absence to save energy.
- **Mechanical Thermostat:** Allows for adjustable temperature control.
- **USB Charging Port:** Conveniently charge your smartphone while the heater is in operation.
- **Multiple Safety Features:** Includes thermal switch, tip-over switch, and low oxygen safety shut-off.

Components:

- Front Grille (Heat Outlet)
- Power On/Off Switch
- Body Sensor Button
- Mechanical Thermostat Dial
- USB Charging Port
- Rear Air Inlet
- Integrated Carry Handle



Figure 2.1: Front view of the EQUATION Tim 500W Mini Ceramic Fan Heater with indicated dimensions (16.6 cm height,

15 cm width, 11 cm depth). The image also shows the coverage area of less than 5m² and 500W power.



Figure 2.2: The heater positioned on a desk, demonstrating its compact size and suitability for office or personal use.

3. SETUP

1. **Unpack:** Carefully remove the heater from its packaging. Retain the packaging for storage or future transport.
2. **Placement:** Place the heater on a stable, flat, and heat-resistant surface. Ensure there is at least 30 cm (12 inches) of clear space around all sides of the heater to allow for proper air circulation. Do not place it directly under a power outlet.
3. **Power Connection:** Insert the power plug firmly into a suitable 230V AC grounded electrical outlet. Ensure the power cord is not pinched or routed under carpets.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

1. Locate the main power switch on the side/rear of the unit.

2. To turn on, press the switch to the 'I' (ON) position. The heater will begin to operate.
3. To turn off, press the switch to the 'O' (OFF) position.



Figure 4.1: Detail of the main power switch and the body sensor activation button.

4.2 Adjusting Temperature (Mechanical Thermostat)

1. With the heater powered on, locate the mechanical thermostat dial on the side of the unit.
2. Rotate the dial clockwise towards the '+' symbol for higher heat output, or counter-clockwise towards the '-' symbol for lower heat output.
3. The heater will cycle on and off to maintain the set temperature.



Figure 4.2: Detail of the mechanical thermostat dial for temperature adjustment.

4.3 Using the Body Sensor

The body sensor feature automatically detects your presence and turns off the heater after 2 minutes of absence to conserve energy.

1. To activate the body sensor, press the small button located next to the main power switch (refer to Figure 4.1).
2. When activated, the heater will operate normally when a person is detected.
3. If no presence is detected for approximately 2 minutes, the heater will automatically switch to standby mode. It will resume heating when presence is detected again.
4. To deactivate the body sensor, press the button again.

4.4 Using the USB Charging Port

The integrated USB port allows you to charge compatible devices while the heater is in use.

1. Locate the USB charging port on the side of the heater.
2. Connect your device's USB charging cable to the port.
3. Ensure the heater is powered on for the USB port to function.



Figure 4.3: Detail of the USB smartphone charging port.

4.5 Easy Transport

The heater features an integrated handle for convenient portability.

1. Ensure the heater is turned off and unplugged before moving.
2. Allow the heater to cool down completely.
3. Use the handle located on the top rear of the unit to lift and transport the heater.



Figure 4.4: Detail of the integrated handle for easy transport.

5. MAINTENANCE

Regular cleaning and proper care will help ensure the longevity and efficient operation of your heater.

1. **Before Cleaning:** Always turn off the heater, unplug it from the power outlet, and allow it to cool down completely before performing any maintenance.
2. **Exterior Cleaning:** Wipe the exterior surfaces of the heater with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
3. **Air Inlets/Outlets:** Use a vacuum cleaner with a brush attachment to gently remove dust and debris from the air inlets and outlets. Do not insert any objects into the openings.
4. **Storage:** When not in use for extended periods, store the heater in a cool, dry place, preferably in its original packaging.

6. TROUBLESHOOTING

If you experience issues with your heater, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Main power switch is off. Tip-over switch activated. Thermal switch activated (overheating).	Check if the plug is securely inserted into a working outlet. Ensure the main power switch is in the 'I' (ON) position. Place the heater on a flat, stable surface. Unplug the heater, allow it to cool down for 30 minutes, then plug it back in. Ensure air inlets/outlets are not blocked.
Heater turns off unexpectedly.	Tip-over switch activated. Thermal switch activated (overheating). Body sensor activated (no presence detected).	Ensure the heater is on a stable surface. Unplug the heater, allow it to cool down, and check for obstructions. If the body sensor is active, it will turn off after 2 minutes of no presence. Move closer to the heater or deactivate the body sensor.
Heater is on but not producing heat.	Thermostat set too low.	Increase the thermostat setting by rotating the dial clockwise.
USB charging port not working.	Heater is not powered on. Cable or device issue.	Ensure the main power switch is in the 'I' (ON) position. Try a different USB cable or device to rule out external issues.

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

7. SPECIFICATIONS

Feature	Specification
Model Number	3276007205930
Brand	EQUATION
Dimensions (L x W x H)	11 x 15 x 17 cm
Weight	1.2 Kilograms
Heat Output	500 Watts
Heating Coverage	Up to 5.4 m ²
Power Source	Electric Cable

Feature	Specification
Voltage	230 Volts (AC)
Heating Method	Convection
Mounting Type	Tabletop Mounting
Special Features	Low Oxygen Safety Shut-off, Rapid Heating, Energy-efficient, Thermal Switch, Tip-over Switch, Body Sensor, USB Charging Port

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official EQUATION website. If you require technical assistance or have questions not covered in this manual, please contact EQUATION customer support.

Manufacturer: ADEO

Contact Information: Please refer to your purchase receipt or the manufacturer's official website for the most up-to-date contact details for support in your region.