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› TrailBlaze 14000 BTU Portable Air Conditioner TB-5V1Q User Manual

## TrailBlaze TB-5V1Q

# TrailBlaze 14000 BTU Portable Air Conditioner TB-5V1Q User Manual

Model: TB-5V1Q

## 1. SAFETY INFORMATION

Please read all instructions carefully before operating this appliance and retain for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This appliance is for indoor use only.
- Ensure the power supply matches the voltage specified on the rating label.
- Always plug the unit into a grounded outlet. Do not use extension cords or multi-socket adapters.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Do not block air inlets or outlets. Maintain at least 12 inches (30 cm) of clear space around the unit.
- Do not insert objects into the air vents.
- Always turn off and unplug the unit before cleaning, moving, or performing any maintenance.
- This appliance contains R410A refrigerant. Servicing should only be performed by qualified personnel.
- Supervise children to ensure they do not play with the appliance.

## 2. PRODUCT OVERVIEW

The TrailBlaze TB-5V1Q is a 14,000 BTU portable air conditioner designed to provide cooling, fan, and dehumidification functions for rooms up to 750 sq. ft. It features an LED display, remote control, and a self-evaporation system for convenience.

### Package Contents

Verify that all items are present in the package:

- Portable Air Conditioner Unit
- Remote Control
- Window Venting Kit (Baffle Plate)
- Exhaust Hose

- Hose Connector
- Window Kit Adapter
- Drain Hose (for continuous drainage, if desired)

## Product Dimension & Complete Accessories



**Baffle Plate**



**Adapter**



**Remote Controller**



**Connector of Air Exhaust Duct**



**Air Exhaust Duct**

Image: Product dimensions and complete accessories including the unit, remote, baffle plate, adapter, connector, and air exhaust duct.



Image: A visual representation of all included accessories: the portable AC unit, window baffle plate, exhaust hose, hose connector, window kit adapter, and remote control.

### 3. SETUP AND INSTALLATION

#### Unit Placement

- Place the unit on a flat, stable surface.
- Ensure there is at least 12 inches (30 cm) of clear space around the unit for proper airflow.
- Position the unit near a window for exhaust hose installation.
- The unit features integrated stainless steel castor wheels and side handles for easy mobility.

# COMPACT & PORTABLE DESIGN



Image: The portable air conditioner highlighting its compact design, side handles for lifting, and 360-degree universal wheels for easy movement.

## Window Kit Installation

The window kit is designed for both horizontal and vertical sliding windows.

1. Connect the hose connector to one end of the exhaust hose by twisting it clockwise until secure.
2. Connect the window kit adapter to the other end of the exhaust hose.
3. Extend the adjustable baffle plate (window kit) to the length of your window opening. Secure it in place.
4. Attach the hose connector to the exhaust air outlet on the back of the unit.
5. Insert the window kit adapter into the opening of the baffle plate. Ensure a tight seal to prevent air leakage.
6. Plug the power cord into a grounded electrical outlet.



Image: Diagrams illustrating how to install the window venting kit for both horizontal and vertical sliding windows, showing the exhaust hose connection.

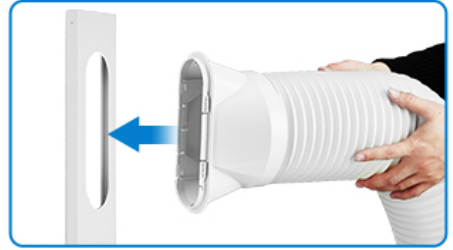
## Easy to Install



**Step 1:** Connect the hose connector to one end of the exhaust hose.



**Step 2:** Connect the window kit adapter to the other end of the exhaust hose.



**Step 3:** Extend the adjustable window kit to the length of your window.



**Step 4:** Attach the hose connector to the exhaust air outlet of the unit.



**Step 5:** Extend the exhaust hose and insert it into the window kit.



**Step 6:** Plug in power, turn on the air conditioner, adjust the mode, and you can start enjoying the summer.

Image: A six-step visual guide demonstrating the installation process of the exhaust hose and window kit for the portable air conditioner.

## 4. OPERATING INSTRUCTIONS

The unit can be controlled via the intelligent touch panel on the top of the unit or the included remote control.



Image: The unit's LED digital display and touch control panel, along with the remote control, showing various settings like cooling capacity, sleep mode, fan speed, and temperature range.

## Power On/Off

- Press the **ON/OFF** button on the control panel or remote control to turn the unit on or off.

## Mode Selection (3-in-1 Function)

Press the **MODE** button to cycle through the available modes:

- **Cool Mode:** Provides cooling with an adjustable thermostat range of 61°F to 89°F (16°C to 31°C).
- **Fan Mode:** Operates as a fan with three speed settings (Low, Medium, High) for air circulation.
- **Dehumidify Mode:** Reduces humidity, capable of removing up to 95 pints per day.



Image: Visual representation of the three operating modes: Cooling Mode (59°F-88°F), Dehumidifying Mode (73 Pints/Day), and Fan Mode (High/Medium/Low).



Image: Close-up of the unit's top, illustrating its built-in dehumidifier function, capable of removing 75 pints of moisture per day.

## Temperature and Fan Speed Adjustment

- In Cool Mode, use the **+** and **-** buttons to set the desired temperature.
- In Fan Mode, press the **FAN** button to select Low, Medium, or High fan speed.

## Timer Function

- Press the **TIMER** button to set a 24-hour programmable timer for automatic on/off operation. Use **+** and **-** to adjust the time.

## Sleep Mode

- Activate **SLEEP** mode for quiet operation ( $\leq 50\text{dB}$ ) and reduced fan speed, ideal for nighttime use.



Image: The unit operating in Sleep Mode, emphasizing low noise levels (under 50dB), alongside icons for the 24-hour timer and auto shut-off function.

## Remote Control

The remote control allows convenient operation from up to 16.4 feet (5 meters) away.



Image: The remote control for the portable air conditioner, indicating its effective range of less than 23 feet.

## Water Self-Evaporation System

The unit is equipped with a water self-evaporation system, which automatically expels most condensed water through the exhaust hose. This minimizes the need for manual drainage under normal operating conditions.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

### Filter Cleaning

The unit features a reusable and washable filter. Clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the unit.
2. Locate and remove the air filter from the back of the unit.
3. Wash the filter under running water (warm, soapy water if heavily soiled).
4. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight or high heat.



Image: Instructions showing how to easily remove and wash the reusable filter for cleaning.

## Unit Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure no water enters the electrical components.

## Storage

- Before storing, run the unit in Fan mode for a few hours to dry out any internal moisture.
- Unplug the unit and coil the power cord.
- Clean the air filter.
- Store the unit in a cool, dry place, preferably covered to protect from dust.

## 6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

| Problem                         | Possible Cause                                                                                                                                            | Solution                                                                                                                                                                                                        |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit does not turn on           | No power supply<br>Power cord not plugged in<br>Circuit breaker tripped                                                                                   | Check power outlet<br>Ensure power cord is securely plugged in<br>Reset circuit breaker                                                                                                                         |
| Unit is not cooling effectively | Air filter is dirty<br>Exhaust hose not properly installed or blocked<br>Room size exceeds capacity<br>Doors/windows open<br>Temperature setting too high | Clean air filter<br>Check exhaust hose for proper installation and obstructions<br>Ensure unit is used in appropriate room size (up to 750 sq. ft.)<br>Close all doors and windows<br>Lower the set temperature |
| Unit is noisy                   | Unit not on a flat surface<br>Air filter dirty<br>Obstruction in fan                                                                                      | Place unit on a flat, stable surface<br>Clean air filter<br>Check for and remove any obstructions                                                                                                               |
| Water leakage                   | Unit not level<br>Drain plug not properly sealed<br>Continuous drainage hose blocked (if used)                                                            | Ensure unit is on a level surface<br>Check drain plug for secure fit<br>Clear any blockages in the continuous drainage hose                                                                                     |

## 7. SPECIFICATIONS

| Feature                        | Detail                                                               |
|--------------------------------|----------------------------------------------------------------------|
| Brand                          | TrailBlaze                                                           |
| Model Number                   | TB-5V1Q                                                              |
| Cooling Power                  | 14,000 BTU                                                           |
| Coverage Area                  | Up to 750 sq. ft.                                                    |
| Functions                      | Cool, Fan, Dehumidify                                                |
| Dehumidification Capacity      | 95 Pints/Day                                                         |
| Temperature Range              | 61°F - 89°F (16°C - 31°C)                                            |
| Fan Speeds                     | Low, Medium, High                                                    |
| Noise Level                    | ≤50 dB (in Sleep Mode) / 52 Decibels (general)                       |
| Timer                          | 24-hour programmable                                                 |
| Refrigerant                    | R410A                                                                |
| Voltage                        | 115V                                                                 |
| Wattage                        | 1404W                                                                |
| Annual Energy Consumption      | 500 Watts                                                            |
| Product Dimensions (D x W x H) | 18.5 x 15.35 x 35.24 inches                                          |
| Item Weight                    | 76.8 pounds                                                          |
| Material Type                  | Stainless Steel                                                      |
| Special Features               | 4 Way Swing, Self-Evaporation System, Washable Filter, Castor Wheels |

## 8. WARRANTY AND SUPPORT

For warranty information and customer support regarding your TrailBlaze TB-5V1Q Portable Air Conditioner, please contact the manufacturer directly. Details regarding specific warranty periods and terms are typically provided with your purchase documentation or can be obtained by contacting TrailBlaze customer service via email.

When contacting support, please have your model number (TB-5V1Q) and purchase date available.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**