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> Qlima Tectro TP2020 Portable Air Conditioner User Manual

## Qlima TP2020

# Qlima Tectro TP2020 Portable Air Conditioner User Manual

Model: TP2020

## 1. IMPORTANT SAFETY INFORMATION

Please read this manual carefully before operating your Tectro TP2020 portable air conditioner. Keep this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the unit to a properly grounded power outlet.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets. Ensure adequate ventilation around the unit.
- Do not insert fingers or objects into the air outlet.
- Keep the unit away from water and other liquids. Do not use in bathrooms or wet environments.
- Unplug the unit before cleaning or performing any maintenance.
- 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 Qlima Tectro TP2020 is a portable air conditioner designed to provide cooling, fan, and dehumidification functions for your indoor space. It features a compact design with wheels for easy mobility.



Figure 2.1: Front view of the Tectro TP2020 portable air conditioner, showing the control panel at the top and the air outlet louvers. The unit is white with black accents.

## 2.1 Components

- **Control Panel:** Located on the top of the unit, with buttons for power, mode selection, fan speed, timer, and temperature adjustment.
- **Air Outlet Louvers:** Adjustable louvers on the front for directing airflow.
- **Air Filter:** Located at the back or side, removable for cleaning.
- **Exhaust Air Outlet:** Connection point for the exhaust hose.
- **Drainage Port:** For continuous drainage in dehumidifier mode or manual drainage of collected water.
- **Casters:** Wheels at the base for easy movement.
- **Remote Control:** For convenient operation from a distance.

## 3. SETUP AND INSTALLATION

### 3.1 Unpacking

Carefully remove the air conditioner from its packaging. Retain the packaging materials for future storage or transport. Check for any damage during transit. If the unit appears damaged, do not operate it and contact customer support.

### 3.2 Placement

Place the unit on a flat, stable surface. Ensure there is at least 30 cm (12 inches) of clear space around the unit for proper air circulation. Do not place the unit near heat sources or in direct sunlight.

### 3.3 Exhaust Hose Installation

The Tectro TP2020 requires an exhaust hose to vent hot air outside. This is crucial for effective cooling.

1. Attach one end of the exhaust hose to the exhaust air outlet on the back of the unit. Twist or click into place as per the design.
2. Attach the window kit adapter to the other end of the exhaust hose.
3. Open a window or sliding door and install the window kit. Extend the kit to fit the opening and secure it.
4. Insert the exhaust hose adapter into the opening of the window kit, ensuring a tight seal to prevent hot air from re-entering the room.

### 3.4 Drainage Setup (Dehumidifier Mode)

When operating in dehumidifier mode, water will be collected. The unit may have an internal tank or a continuous drainage option.

- **Internal Tank:** The unit will stop operating when the internal water tank is full. You will need to manually empty it. Refer to the "Maintenance" section for instructions.
- **Continuous Drainage:** For continuous operation in dehumidifier mode, connect a drainage hose (not always included) to the drainage port and lead it to a floor drain or a suitable container. Ensure the hose is sloped downwards for gravity drainage.

## 4. OPERATING INSTRUCTIONS

The Tectro TP2020 can be operated using the control panel on the unit or the supplied remote control.

### 4.1 Control Panel Functions

- **Power Button (○):** Turns the unit ON or OFF.
- **Mode Button (\*):** Cycles through operating modes: Cool, Fan, Dehumidify.
- **Temperature Up/Down Buttons (▲/▼):** Adjusts the desired temperature in Cool mode.
- **Fan Speed Button (○):** Selects fan speed: Low, Medium, High.
- **Timer Button (○):** Sets the auto-on or auto-off timer.

### 4.2 Operating Modes

- **Cool Mode:** Provides cooling. Set your desired temperature using the Up/Down buttons. The unit will cool until the room reaches the set temperature.
- **Fan Mode:** Circulates air without cooling. Use the Fan Speed button to adjust airflow.
- **Dehumidify Mode:** Removes moisture from the air. The fan speed is typically fixed to low in this mode. Ensure proper drainage setup.

### 4.3 Remote Control

The remote control duplicates most functions of the control panel, allowing for convenient operation from a distance. Insert 2x AAA batteries (not included) into the remote control, observing polarity.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Tectro TP2020 air conditioner. Always unplug the unit before cleaning or performing maintenance.

### 5.1 Air Filter Cleaning

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the unit.
2. Locate the air filter panel (usually at the back or side) and remove it.
3. Gently remove the air filter.
4. Clean the filter with a vacuum cleaner to remove dust. For heavy dirt, wash it gently with warm water and a mild detergent.
5. Rinse thoroughly and allow the filter to air dry completely before reinserting. Do not expose to direct sunlight.
6. Reinstall the dry filter and close the panel.

## 5.2 Water Drainage

If the unit is not set up for continuous drainage, the internal water tank will fill up, and the unit will stop operating, often displaying a "Full" indicator.

1. Turn off and unplug the unit.
2. Place a shallow pan or tray under the drainage port (usually at the bottom rear of the unit).
3. Remove the drain plug/cap.
4. Allow all collected water to drain out.
5. Replace the drain plug/cap securely.

## 5.3 Cleaning the Unit

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

## 5.4 Storage

If storing the unit for an extended period:

- Drain all water from the unit.
- Clean the air filter.
- Run the unit in fan-only mode for a few hours to dry the internal components.
- Unplug the power cord and coil it neatly.
- Store the unit in a dry, cool place, preferably in its original packaging.

## 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. Power cord not securely plugged in. Circuit breaker tripped.	Check if the unit is plugged into a live outlet. Ensure the power cord is firmly connected. Reset the circuit breaker.
Unit is running but not cooling.	Exhaust hose not properly installed or blocked. Air filter is dirty. Room temperature is too low. Doors/windows are open.	Ensure exhaust hose is properly connected and vented outside. Check for kinks. Clean the air filter. Set desired temperature lower than room temperature. Close all doors and windows.

Problem	Possible Cause	Solution
Unit is noisy.	Unit is not on a flat surface. Air filter is dirty.	Place the unit on a flat, stable surface. Clean the air filter.
Water leakage.	Drain plug is loose or missing. Internal water tank is full (if not using continuous drainage).	Ensure drain plug is securely in place. Drain the internal water tank.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	TP2020
Brand	Qlima
Manufacturer	Qlima
Product Dimensions (L x W x H)	300 x 280.01 x 680.01 cm
Item Weight	100 g
Wattage	2050 Watt
Voltage	230 Volt
Cooling Capacity	12000 BTU
Special Feature	Dehumidifier
Control Method	Remote controlled

## 8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Qlima website. If you encounter issues not covered in the troubleshooting section or require further assistance, please contact Qlima customer support.

Keep your purchase receipt as proof of purchase for warranty claims.