

Techni Home RTA-20AC-FAN

Techni Home 3-in-1 Portable Evaporative Air Cooler

MODEL: RTA-20AC-FAN - INSTRUCTION MANUAL

1. Introduction

Thank you for purchasing the Techni Home 3-in-1 Portable Evaporative Air Cooler. This appliance is designed to provide cooling, humidification, and air circulation for your home or office. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety. Keep this manual for future reference.

2. Safety Instructions

- Always place the unit on a stable, level surface to prevent tipping.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Ensure the power supply matches the voltage specified on the rating label.
- Unplug the unit from the power outlet before cleaning, filling, or performing any maintenance.
- Keep children and pets away from the unit during operation.
- Do not block air inlets or outlets. Maintain at least 20 cm (8 inches) clearance from walls or other objects.
- Do not use the unit in areas with high humidity, such as bathrooms, or near flammable materials.
- Do not operate the unit if the cord or plug is damaged, or if the unit malfunctions or has been dropped.
- Only use original accessories and replacement parts.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.

3. Package Contents

Verify that all items are present in the package:

- Techni Home 3-in-1 Evaporative Air Cooler Unit
- Remote Control
- Ice Packs (x4)
- Instruction Manual (this document)

4. Product Overview

Familiarize yourself with the components and features of your evaporative air cooler.



Figure 4.1: The Techni Home 3-in-1 Portable Evaporative Air Cooler in a typical home environment, showcasing its compact and portable design.

FEATURES

RTA-20AC-FAN

3 FAN MODES



3-IN-1



120° Up & Down,
60° Side to Side
Oscillation

3 Fan
Speeds
High / Medium / Low

1-15H
Sleep Timer

4 Ice Packs
Included



Remote
Control



360°
Wheels

20L/5.3 Gallon
Water Tank



Figure 4.2: Key features of the evaporative air cooler, including 3 fan modes (Normal, Cooling, Sleep), 3-in-1 functionality (Air Conditioner, Humidifier, Fan), 120° oscillation, 3 fan speeds, 1-15 hour sleep timer, 4 ice packs, remote control, 20L/5.3 gallon water tank, and 360° wheels.

DIMENSIONS

RTA-20AC-FAN

PRODUCT SIZE:

W 15"

D 11"

H 30.75"



Figure 4.3: Dimensions of the unit: 15 inches (W) x 11 inches (D) x 30.75 inches (H).



Figure 4.4: Detailed view of the top-mounted digital control panel, showing buttons for Swing, Cool, Timer, Speed, Mode, and On/Off, along with a digital display.





Figure 4.5: The remote control for convenient operation, featuring buttons for On/Off, Cool, Speed, Mode, Timer, and Swing functions.

5. Setup

5.1 Unpacking

1. Carefully remove the unit from its packaging.
2. Remove all packing materials, including any protective films or tapes.
3. Inspect the unit for any damage. If damaged, do not operate and contact customer support.

5.2 Filling the Water Tank

1. Ensure the unit is unplugged from the power outlet.
2. Open the water tank cover located on the top of the unit.

3. Fill the water tank with clean, cool water. Do not exceed the 'MAX' fill line indicated on the tank.
4. Close the water tank cover securely.



Figure 5.1: Open the top lid to access the water tank and place the ice packs.

5.3 Using Ice Packs for Enhanced Cooling

1. Fill the provided ice packs with water and place them in a freezer until completely frozen.
2. Once frozen, place the ice packs into the water tank along with the water. This will enhance the cooling effect.
3. Do not open the ice packs or consume their contents.

6. Operating Instructions

The unit can be operated using the control panel on top or the included remote control.

6.1 Power On/Off

- Plug the power cord into a suitable electrical outlet.
- Press the **ON/OFF** button on the control panel or remote control to turn the unit on or off.

6.2 Fan Speed Adjustment

- Press the **SPEED** button repeatedly to cycle through the three fan speeds: Low, Medium, and High. The current speed will be indicated on the digital display.

6.3 Wind Mode Selection

- Press the **MODE** button repeatedly to select different wind modes:
- **Normal:** Provides a constant airflow at the selected speed.
- **Natural:** Simulates natural breeze by varying fan speed.
- **Sleep:** Gradually reduces fan speed and operates quietly for comfortable sleep.

6.4 Cooling/Humidifier Function

- Ensure the water tank is filled before activating the cooling function.
- Press the **COOL** button to activate the evaporative cooling and humidification function. The snowflake icon will illuminate.
- Press the **COOL** button again to deactivate this function.

6.5 Oscillation Function

- Press the **SWING** button to activate the 120° horizontal oscillation, distributing air across a wider area.
- Press the **SWING** button again to stop oscillation.
- Vertical airflow direction can be adjusted manually by tilting the front louvers.

6.6 Timer Function

- Press the **TIMER** button repeatedly to set the desired operating time, from 1 to 12 hours.
- The unit will automatically turn off once the set time has elapsed.

6.7 Remote Control Operation

The remote control allows for convenient operation from a distance. Ensure there are no obstructions between the remote and the unit's receiver. Insert two AAA batteries (not included) into the remote control, observing polarity.

Your browser does not support the video tag.

Video 6.1: This video demonstrates the basic operation of the Techni Home 3-in-1 Portable Evaporative Air Cooler, including filling ice packs, powering on, adjusting fan speed, setting the timer, activating oscillation, and selecting modes (fan, AC, cool).

7. Maintenance

Regular cleaning and maintenance will ensure optimal performance and extend the lifespan of your unit.

7.1 Cleaning the Exterior

- 1. Always unplug the unit before cleaning.
- 2. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- 3. Ensure no water enters the control panel or other electrical components.

7.2 Cleaning the Water Tank

- 1. Unplug the unit and drain any remaining water from the tank.
- 2. Remove the water tank (if detachable) or access the interior through the top opening.
- 3. Clean the tank with a mild detergent and water. Rinse thoroughly to remove any residue.
- 4. Allow the tank to air dry completely before reassembling or refilling.
- 5. Clean the water tank regularly (at least once a week) to prevent mold and mildew growth.

7.3 Cleaning the Cooling Pads (Evaporative Media)

The cooling pads should be cleaned periodically, especially if you notice reduced airflow or an odor.

- 1. Unplug the unit.
- 2. Refer to the unit's design to locate and carefully remove the cooling pads. They are typically located behind the rear grille.
- 3. Rinse the cooling pads under running water to remove dust and mineral deposits. For stubborn deposits, soak them in a solution of water and white vinegar for 30 minutes, then rinse thoroughly.
- 4. Allow the pads to air dry completely before reinstalling them.

7.4 Storage

If the unit will not be used for an extended period:

- 1. Unplug the unit and drain all water from the tank.
- 2. Clean the water tank and cooling pads as described above.
- 3. Allow all components to dry completely to prevent mold and mildew.
- 4. Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not properly plugged in	Check if the unit is plugged into a working outlet Ensure the power cord is securely connected

Problem	Possible Cause	Solution
No cooling effect	Water tank is empty Cooling function not activated Cooling pads are dirty	Fill the water tank Press the COOL button Clean the cooling pads (refer to Section 7.3)
Weak airflow	Air inlets/outlets blocked Fan speed set too low Cooling pads are dirty	Ensure clear space around the unit Increase fan speed Clean the cooling pads (refer to Section 7.3)
Unusual noise	Unit not on a level surface Foreign object in fan Water pump issue	Place the unit on a flat, stable surface Turn off and unplug, then check for obstructions Contact customer support
Odor from unit	Stagnant water or dirty cooling pads	Clean the water tank and cooling pads thoroughly (refer to Section 7.2 and 7.3) Use fresh water daily

9. Specifications

Feature	Specification
Model Number	RTA-20AC-FAN
Functions	Evaporative Air Cooler, Humidifier, Fan
Dimensions (W x D x H)	15" x 11" x 30.75" (38.1 cm x 27.9 cm x 78.1 cm)
Water Tank Capacity	5.3 Gallons (20 Liters)
Air Flow Capacity	1800 Cubic Feet Per Minute (CFM)
Fan Speeds	3 (Low, Medium, High)
Wind Modes	Normal, Natural, Sleep
Oscillation	120° Horizontal (Automatic), Vertical (Manual)
Timer	1-12 Hours
Noise Level	25 Decibels (dB)
Control Type	Digital Control Panel, Remote Control
Included Accessories	4 Ice Packs
Material	Plastic

10. Warranty and Support

10.1 Warranty Information

This Techni Home product is covered by a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized repairs, or normal wear and tear.

10.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Techni Home customer support. Please have your model number (RTA-20AC-FAN) and proof of purchase ready when contacting support.

Manufacturer: RTA Products LLC

Contact information (e.g., website, email, phone number) can typically be found on the product packaging or the official Techni Home website.

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