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> [AIRAPEX 2-in-1 Air Purifier and Evaporative Humidifier Combo T3-US-WH1 User Manual](#)

AIRAPEX T3-US-WH1

AIRAPEX 2-in-1 Air Purifier and Evaporative Humidifier Combo

MODEL: T3-US-WH1 USER MANUAL

1. Product Overview

The AIRAPEX T3-US-WH1 is a versatile 2-in-1 appliance designed to improve your indoor air quality by combining air purification and evaporative humidification. It features an H13 True HEPA filter for particle removal and a T-type water washing filter for humidification and gaseous pollutant absorption. This unit is suitable for various rooms including bedrooms, living rooms, kitchens, and offices.

- **Dual Functionality:** Combines H13 True HEPA air purification with mist-free evaporative humidification.
- **Advanced Filtration:** H13 True HEPA filter captures 99.97% of particles as small as 0.3µm, including PM2.5, pollen, pet hair, smoke, and VOCs. The evaporative humidifier absorbs gases and VOCs.
- **Mist-Free Humidification:** Utilizes nano water molecules for gentle humidification, preventing white dust and condensation.
- **Smart Operation:** Features a smart humidity sensor that automatically adjusts fan speed to maintain comfortable humidity levels.
- **Quiet Performance:** Operates at a low noise level of 26dB in sleep mode for undisturbed rest.
- **Energy Efficient:** Designed for low power consumption.

Better air

Better life



Image 1.1: The AIRAPEX T3-US-WH1 unit, a white cylindrical device with a digital display and top-fill water basin.

2. Setup and Installation

Follow these steps to set up your AIRAPEX 2-in-1 Air Purifier and Evaporative Humidifier Combo:

1. **Unpack the Unit:** Carefully remove the unit from its packaging.
2. **Remove Protective Foam:** Before first use, remove the foam pad located under the water tank. This foam protects the water level control valve during transport.
3. **Install Filters:** Ensure both the H13 True HEPA filter (purple) and the T-type water washing filter (blue) are correctly installed in their respective compartments. Refer to the maintenance section for detailed filter installation.
4. **Fill Water Tank:** Remove the top cover and pour clean tap water into the water basin. Do not exceed the 'MAX' water level indicator. The unit has a 0.8-gallon (3L) capacity.
5. **Replace Cover:** Securely place the top cover back onto the unit.
6. **Connect Power:** Plug the power cord into a suitable electrical outlet.

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Video 2.1: A demonstration of how to set up and use the AIRAPEX T3 air purifier, including water filling and basic operation.

Water Gated Technology

Enjoy refreshed air after rain

1 Solid-state HEPA filter

With activated carbon filter captures 99.97% of particles as small as 0.3 microns air pollution such as pet hair , allergies , wildfire smoke, pollen, odors ,and VOCs.

2 Gaseous T-type water washing

Water's capillarity forms a Nano-scale water film , when the airflow goes through the rainforest-like fibers of the filter, **most** air pollutants are blocked instantly and only the fresh air was let out.



Image 2.2: A hand pouring water into the top-fill water basin of the AIRAPEX humidifier, showing the 'MAX' fill line.

3. Operation

The AIRAPEX T3-US-WH1 offers intuitive controls for easy operation:

1. **Power On/Off:** Short press the power button (located on the rotary knob) to turn the unit on or off.
2. **Adjust Fan Speed/Mode:** Rotate the knob to cycle through fan speeds (1-4) or select specific modes: Auto Mode and Sleep Mode. The digital display will show the current setting.
3. **Auto Mode:** In Auto Mode, the smart humidity sensor detects the current air humidity and automatically adjusts the fan speed to maintain optimal comfort.
4. **Sleep Mode:** Select Sleep Mode for ultra-quiet operation (26dB), ideal for nighttime use.
5. **Wi-Fi Connectivity (Optional):** The unit supports Wi-Fi connection for remote control via a smartphone app. Scan the QR code in the manual to download the 'APP Smart Home' application. Press and hold the power button for 5 seconds to enter distribution mode for pairing.



Image 3.1: A close-up view of the control panel, showing the rotary knob with integrated power button and digital display indicating fan speed and humidity levels.

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Video 3.2: A demonstration of the AIRAPEX T3's 2-in-1 air purifying and humidifying functions, highlighting its quiet operation and smart features.

4. Maintenance and Care

Regular maintenance ensures optimal performance and longevity of your unit:

- **Filter Replacement:** The H13 True HEPA filter should be replaced every 6-12 months, depending on usage and air quality. The carbon water filter should be replaced every 6 months (sooner with hard water).
- **T-type Water Washing Filter Cleaning:** Rinse the T-type water washing filter with water every 2 weeks to remove accumulated impurities.
- **HEPA Filter Cleaning:** The HEPA filter can be cleaned with a brush or vacuum cleaner to extend its lifespan between replacements.
- **Water Tank Cleaning:** Clean the water tank regularly to prevent mineral buildup and maintain hygiene.

360° guard your family

Particulate CADR 110m³/h

Filling every corner of the bedroom with refreshing air .



Image 4.1: The AIRAPEX unit with its top cover and T-type water washing filter removed, showing the internal components and the H13 True HEPA filter.

Sleep mode

Ultra-Quiet 26dB

Muffler design -HEPA filter and T-type Washing purification filter wrapped turbine fan blocking noise transmission.
Quietly guarding every pure night, and every dream



Image 4.2: A close-up view of the two main filters: the blue T-type water washing filter and the purple H13 True HEPA filter.

5. Troubleshooting

If you encounter issues with your AIRAPEX unit, refer to the following common problems and solutions:

- **Indicator Light Flashing Abnormally:** If the indicator light is flashing, it typically means a component is not installed correctly. First, shut down the unit and unplug the power cord. Then, reinstall the water tank, HEPA filter, or T-type washing filter, ensuring they are properly seated. Turn the unit on again.
- **No Humidification/Air Purification:** Check if the water tank is filled to the appropriate level. Ensure all filters are correctly installed and not clogged. Clean or replace filters if necessary.
- **Unusual Noise:** Verify that the unit is placed on a flat, stable surface. Check for any obstructions in the air inlets or outlets. Ensure filters are properly seated.

6. Specifications

Feature	Detail
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Product Dimensions	8.5"D x 9.4"W x 15.8"H
Item Weight	5.73 Pounds
Power Source	AC/DC
Humidification Output	400ml/h
Water Tank Capacity	0.8 Gallons (3L)
Coverage Area	Up to 215ft ² /20m ² (3x/hr air refresh)
Noise Level	26dB (Sleep Mode)
Filter Type	H13 True HEPA, T-type Water Washing Filter
Certifications	FCC, RoHS, UL, CE, CARB, ETL

7. Warranty and Customer Support

For warranty information, technical assistance, or any product-related inquiries, please contact AIRAPEX customer support. Refer to your purchase documentation or the official AIRAPEX website for contact details.