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AIRMATE AIR4-F-1

AIRMATE 45" Bladeless Tower Fan with Air Purifier

Model: AIR4-F-1

1. Introduction

Thank you for choosing the AIRMATE 45" Bladeless Tower Fan with Air Purifier. This innovative appliance combines powerful air circulation with advanced air purification, designed to provide a comfortable and healthy environment in your home or office. Featuring a dual-motor system, 24 fan speeds, and a 15-hour timer, it offers versatile control over your indoor climate.

This manual provides important information regarding the setup, operation, maintenance, and troubleshooting of your new AIRMATE tower fan. Please read it thoroughly before use and retain it for future reference.



Figure 1.1: The AIRMATE Bladeless Tower Fan, functioning as both a fan and an air purifier.

2. Safety Information

WARNING: To reduce the risk of fire, electric shock, or injury, please observe the following safety precautions:

- Always unplug the fan before cleaning, performing maintenance, or when not in use.
- Do not operate the fan with a damaged cord or plug. If the cord or plug is damaged, contact customer support.
- Keep the power cord away from heated surfaces.
- Do not use the fan in wet or damp locations, such as bathrooms or laundry areas.
- Do not insert fingers or foreign objects into any openings of the fan.
- Ensure the fan is placed on a stable, level surface to prevent tipping.
- 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.

3. Product Overview

The AIRMATE Bladeless Tower Fan is designed for optimal air circulation and purification. Familiarize yourself with its components:

- **Main Unit:** The primary body of the fan, housing the motors, filters, and air outlets.
- **HD LED Screen:** Located at the top, displays current settings and status.
- **Control Panel:** Touch-sensitive buttons on the top for manual operation.
- **Air Outlets:** Vertical channels through which purified air is expelled.
- **Filter Compartment:** Located at the base, for easy access to the HEPA filters.
- **Remote Control:** For convenient operation from a distance.





Figure 3.1: The AIRMATE Bladeless Tower Fan and its accompanying remote control.



Figure 3.2: Detailed view of the HD LED screen and control panel, showing various indicators and settings.

4. Setup

4.1 Unpacking

1. Carefully remove the fan from its packaging.
2. Remove all protective materials and tape.
3. Inspect the fan for any signs of damage. Do not operate if damaged.

4.2 Filter Installation

The AIRMATE tower fan comes with pre-installed HEPA filters. Ensure they are properly seated before first use.

1. Locate the filter compartment at the base of the fan.
2. Open the filter cover.
3. Verify that the HEPA filters are securely in place. Remove any plastic packaging from the filters if present.
4. Close the filter cover firmly.

4.3 Placement

- Place the fan on a firm, level surface.
- Ensure there is at least 12 inches (30 cm) of clear space around the fan for optimal airflow.
- Avoid placing the fan near curtains or other objects that could obstruct the air intake or outlet.
- Plug the power cord into a standard electrical outlet.

5. Operating Instructions

Your AIRMATE tower fan can be operated using the touch control panel on top of the unit or the included remote control.

5.1 Power On/Off

- Press the **Power** button (⏻) on the control panel or remote to turn the fan on or off.

5.2 Fan Speed Adjustment

The fan offers 24 adjustable speeds.

- Press the **+** or **-** buttons on the control panel or remote to increase or decrease the fan speed. The current speed will be displayed on the LED screen.

5.3 Mode Selection

Choose from 5 distinct modes to suit your preference:

- **Natural Wind:** Simulates a natural breeze with varying speeds (1-3 speed range).
- **Jet Flow:** Provides a strong, continuous airflow (1-24 speed range).
- **Baby Soft Wind:** A gentle, quiet breeze, ideal for sensitive environments.
- **Turbo:** Delivers maximum airflow for rapid cooling.
- **AI Breeze Mode:** Automatically adjusts airflow for comfortable night's sleep.

Press the **Mode** button on the control panel or remote to cycle through the available modes.

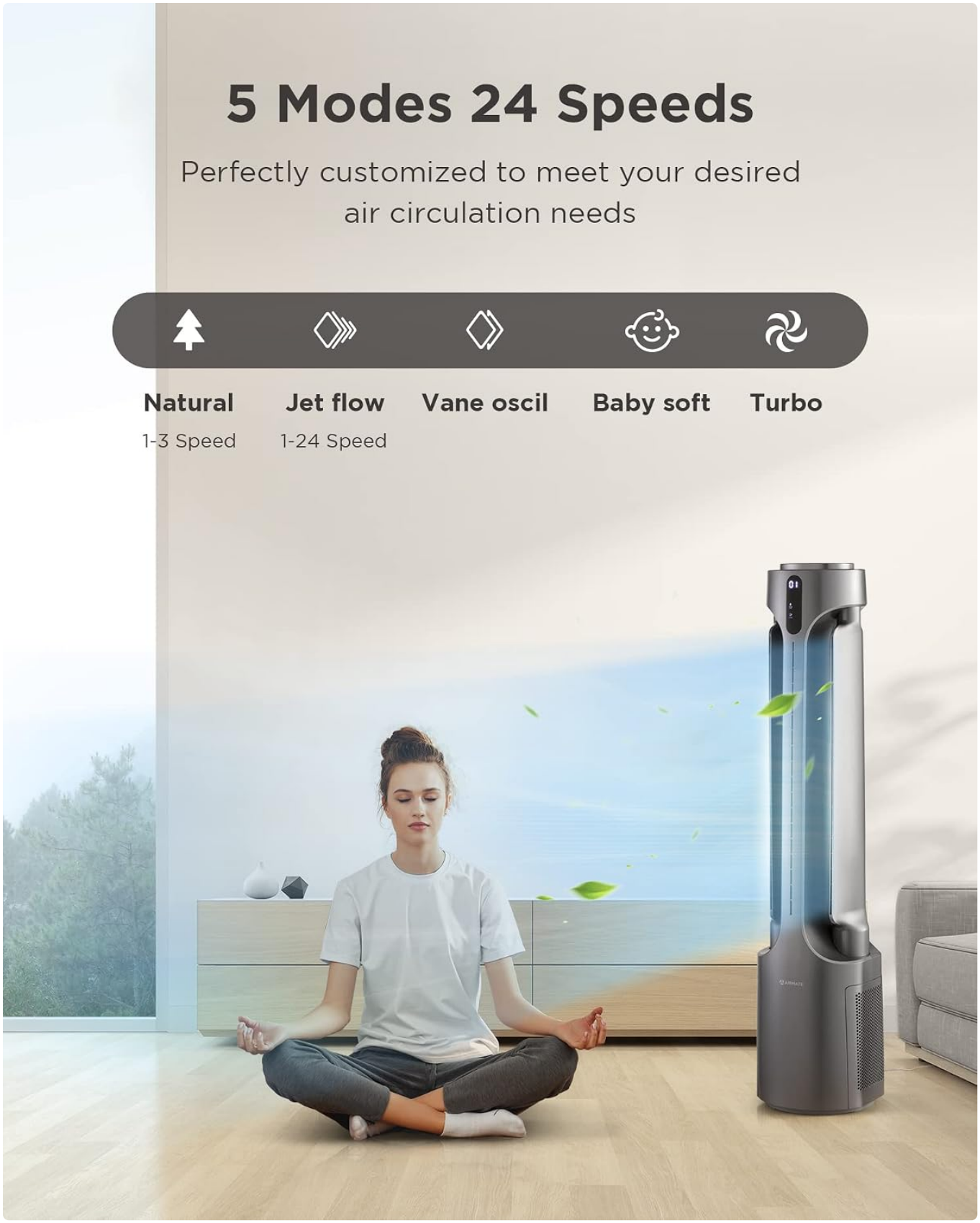


Figure 5.1: Visual representation of the 5 operating modes and 24 speed settings.



Figure 5.2: The fan operating quietly at 35dB, suitable for sleep environments.

5.4 Oscillation

The fan features a 90° wide-angle oscillation to distribute air across a larger area.

- Press the **Oscillation** button on the control panel or remote to turn oscillation on or off.



Figure 5.3: Illustration of the fan's wide air circulation capabilities, including base rotation and blade swing.

5.5 Timer Function

Set the fan to automatically turn off after a specified period, up to 15 hours.

- Press the **Timer** button on the control panel or remote to set the desired operating duration. Each press increases the timer by one hour.



Figure 5.4: The 15-hour timer function displayed on the fan's LED screen.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your AIRMATE tower fan.

6.1 Cleaning the Exterior

- Always unplug the fan before cleaning.
- Use a soft, damp cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners or solvents, as they may damage the finish.
- Ensure no water enters the internal components.

6.2 HEPA Filter Replacement

The integrated HEPA filter captures 99.9% of microscopic particles. A built-in pre-filter traps larger debris to extend the lifespan of your HEPA filters. Filters should be replaced approximately once a year, or when the filter replacement indicator illuminates on the LED screen, depending on usage and air quality.

1. Unplug the fan from the power outlet.
2. Locate the filter compartment at the base of the fan.
3. Open the filter cover and carefully pull out the old filter(s).
4. Insert new genuine AIRMATE replacement filters, ensuring they are correctly oriented.
5. Close the filter cover firmly.
6. Plug in the fan. The filter replacement indicator should reset automatically. If not, consult the troubleshooting section.



Figure 6.1: Demonstrating the removal of the HEPA filter for replacement.

6.3 Storage

- If storing the fan for an extended period, clean it thoroughly and ensure filters are in good condition.
- Store the fan in a cool, dry place, away from direct sunlight and extreme temperatures.
- It is recommended to keep the fan in its original packaging to protect it from dust and damage.

7. Troubleshooting

If you encounter issues with your AIRMATE tower fan, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Power button not pressed.	Ensure the fan is plugged into a working outlet. Press the Power button.
Weak airflow.	Air intake/outlet blocked. Filters are dirty. Fan speed too low.	Clear any obstructions. Clean or replace filters. Increase fan speed.
Loud clicking sound during oscillation.	Obstruction in oscillation mechanism. Unit not on a stable surface.	Ensure no objects are interfering with the fan's rotation. Place the fan on a flat, stable surface. If the issue persists, discontinue oscillation and contact customer support.
Remote control not working.	Batteries are dead or incorrectly inserted. Obstruction between remote and fan.	Replace batteries. Ensure line of sight between remote and fan.
Filter replacement indicator remains on after filter change.	Filter not properly seated. Sensor issue.	Ensure the filter compartment is fully closed and the filter is correctly installed. Unplug the fan for 30 seconds and plug it back in to reset. If the issue persists, contact customer support.

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

8. Specifications

Feature	Specification
Brand	AIRMATE
Model Name	AIR4-F-1
Color	Grey
Product Dimensions	9.8"D x 10.2"W x 45"H
Item Weight	25.5 pounds
Power Source	DC
Voltage	1120 Volts (DC)
Wattage	49 watts
Noise Level	35 dB (minimum)
Special Features	Bladeless, Air Purifier, Remote Control, 15H Timer, Automatic Oscillating, 24 Speeds, HEPA Filtration

Feature	Specification
Recommended Room Type	Bedroom, Kids Room, Living Room

9. Warranty and Support

AIRMATE products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship from the date of purchase. Please refer to the product packaging or the official AIRMATE website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about replacement parts and filters, please contact AIRMATE customer service. Contact information can typically be found on the AIRMATE official website or on your product packaging.

Please have your model number (AIR4-F-1) and purchase date ready when contacting support.

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