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› Arctic Air Turbo Chill XL Evaporative Air Cooler User Manual

Arctic Air AATCXL-MC2

Arctic Air Turbo Chill XL Evaporative Air Cooler

MODEL: AATCXL-MC2

Introduction and Overview

The Arctic Air Turbo Chill XL is a water-powered evaporative air cooler designed to transform hot air into a cool, refreshing breeze. It is suitable for personal, medium, and large indoor spaces, providing both cooling and humidification. Its compact and lightweight design makes it ideal for various settings such as bedrooms, dorms, and home offices.

Key features include three whisper-quiet fan speeds, cooling control with or without mist, and a large water tank capable of running up to 8 hours per fill. The unit offers wide-angle oscillation to distribute airflow evenly and an adjustable grill for directed cooling. Additional features like a 7-color LED nightlight, an auto shut-off timer, and energy-efficient operation contribute to enhanced comfort without increasing energy consumption.



Figure 1: Arctic Air Turbo Chill XL Evaporative Air Cooler.

Air Cooler & Humidifier



Evaporative Air Cooler



Oscillating



3 Speed Controls



Energy Efficient†

†Uses Less Electricity Than A 6,000 Btu Ac.

Figure 2: The Arctic Air Turbo Chill XL functions as both an air cooler and humidifier.

Video 1: Official overview of the Arctic Air Turbo Chill XL, highlighting its cooling and humidifying capabilities.

Safety Information

Please read all instructions carefully before using the Arctic Air Turbo Chill XL. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always place the unit on a flat, level surface.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Keep out of reach of children and pets.
- Unplug the unit from the power outlet when not in use, when filling the water tank, or before cleaning.
- Do not block air vents.
- Use only the provided power adapter.

Package Contents

Verify that all items are present in the package:

- Arctic Air Turbo Chill XL Unit
- USB-C Power Cable
- Power Adapter
- Cooling Cartridge/Filter (pre-installed or separate)

Setup

1. **Prepare the Cooling Cartridge:** If not already done, remove the cooling cartridge from the unit. Soak the cartridge in cold water and then place it in a freezer until completely frozen. This enhances the cooling effect.
2. **Fill the Water Tank:** Pull out the water tank drawer located at the bottom front of the unit. Fill the tank with clean, cold water. For enhanced cooling, you may add ice cubes to the tank. Ensure the water level does not exceed the 'MAX' fill line.
3. **Insert Cooling Cartridge:** Once frozen, carefully place the cooling cartridge back into its designated slot within the unit. Ensure it is seated correctly.
4. **Connect Power:** Plug the USB-C end of the power cable into the port on the back of the Arctic Air Turbo Chill XL unit. Plug the other end of the power cable into the provided power adapter, and then plug the adapter into a standard wall outlet.

Control Made Simple



Figure 3: Easily fill the water tank for continuous cooling and humidification.

Operating Instructions

The Arctic Air Turbo Chill XL features intuitive touch controls on its top panel.

1. **Power On/Off:** Press the power button (usually indicated by a circle with a vertical line) to turn the unit on or off.
2. **Adjust Fan Speed:** Press the fan icon button to cycle through three fan speeds: Low, Medium, and High. Indicator lights will show the current speed setting.
3. **Cooling Control (Mist):** Press the snowflake icon button to activate or deactivate the mist function, which provides additional cooling and humidification.
4. **Oscillation:** Press the oscillation button (usually indicated by an arc with arrows) to enable or disable the wide-angle oscillation feature, distributing cool air across a larger area.
5. **Nightlight:** Press the light bulb icon button to cycle through 7 different LED nightlight colors or turn the light off.

6. **Timer:** Use the timer button (usually indicated by a clock icon) to set an auto shut-off timer for 2, 6, 8, or 12 hours.
7. **Adjustable Grill:** Manually adjust the horizontal louvers on the front of the unit to direct the airflow vertically as desired.



Figure 4: Simple and intuitive control panel for easy operation.

Oscillating Full Side to Side Coverage



Figure 5: The oscillation feature provides full side-to-side coverage.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Arctic Air Turbo Chill XL.

- **Water Tank Cleaning:** Periodically empty and clean the water tank to prevent mold and mildew buildup. Use a mild soap and water solution, then rinse thoroughly.
- **Cooling Cartridge Maintenance:** The cooling cartridge should be cleaned regularly. Remove it from the unit, rinse it under running water, and allow it to air dry completely before re-inserting or freezing. It is recommended to replace the cooling cartridge every 3-6 months, depending on usage.
- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Troubleshooting

If you encounter issues with your Arctic Air Turbo Chill XL, try the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the power adapter is securely plugged into both the unit and a working wall outlet. Check if the power outlet is functional.
- **No Cool Air/Weak Airflow:** Verify that the water tank is filled with cold water and the cooling cartridge is properly installed and frozen. Clean the cooling cartridge if it appears dirty or clogged. Ensure air vents are not obstructed.
- **Mist Not Working:** Check the water level in the tank. Ensure the mist function is activated via the control panel.
- **Unusual Noise:** Ensure the unit is placed on a flat, stable surface. Check for any obstructions in the fan or water tank area.

If problems persist after attempting these steps, please contact customer support.

Specifications

Feature	Specification
Brand	Arctic Air
Model Name	Turbo Chill XL
Model Number	AATCXL-MC2
Mounting Type	Tabletop Mount
Special Feature	Oscillating Fan
Color	White
Controls Type	Button
Reservoir Capacity	Up to 8 Hours run time per fill
Recommended Uses	Small Space Evaporative Cooler
Form Factor	Personal
Product Dimensions	6.61"D x 5.71"W x 9.57"H
Item Weight	2.16 pounds
UPC	735541228247
Country of Origin	China
Batteries Required	No

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Arctic Air customer service directly. Keep your purchase receipt for warranty claims.