

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [iFTY](#) /
- › [iFTY Portable Air Conditioner User Manual](#)

iFTY HW-21B

iFTY Portable Air Conditioner User Manual

Model: HW-21B | Brand: iFTY

1. INTRODUCTION AND PRODUCT OVERVIEW

The iFTY Portable Air Conditioner (Model HW-21B) is a versatile 4-in-1 device designed to provide personal cooling, humidification, and ambient lighting. It functions as a fan, air conditioner, cooler, and humidifier, making it suitable for various small spaces such as bedrooms, offices, and even for camping. Its energy-efficient design consumes only 7W, significantly reducing energy usage compared to traditional AC units. This compact and portable unit offers powerful, fresh airflow with convenient features like a remote control and multiple settings.



Figure 1: iFTY Portable Air Conditioner (Model HW-21B) and its packaging.

2. KEY FEATURES

- **4-in-1 Functionality:** Operates as a fan, air conditioner, cooler, and humidifier.
- **Energy Efficient:** Ultra-efficient 7W design for reduced energy consumption.
- **Large Water Tank:** Features a 1500ml (50 OZ) sealed top-refill water tank, providing 8-10 hours of continuous operation. Includes an auto-switch to natural fan mode when empty for self-protection.
- **Adjustable Airflow:** Offers 3 wind speeds (Low/Mid/High) and 2 spray modes (Low-Cool Mist/High-Cool Mist). Airflow is 120° up-and-down adjustable.
- **Timer Function:** Built-in 1-hour, 3-hour, and 6-hour timer for automatic shut-off.
- **7-Color Night Light:** Integrated colorful LED night lights for ambient mood setting.
- **Quiet Operation:** Operates at a low noise level of below 45dB.
- **Portability:** Compact size with a leather handle for easy transport.
- **Remote Control:** Includes a control remote for convenient operation.
- **Easy to Clean:** User-friendly design allows for easy disassembly for cleaning.

3. SETUP INSTRUCTIONS

1. **Unpack the Unit:** Carefully remove the iFTY Portable Air Conditioner and all accessories from its packaging. Ensure all components listed in the "Included Components" section are present.
2. **Access Water Tank:** Locate the top cover of the unit. Twist and remove the top cap to access the 1500ml water tank.
3. **Fill Water Tank:** Fill the water tank with clean tap water. For enhanced cooling and humidifying effects, add ice cubes to the water. The tank holds approximately 1.5 liters (50 oz) of water.
4. **Secure Top Cover:** Replace the top cap and twist to secure it firmly.
5. **Connect Power:** Plug the 5ft USB-C cable into the unit's power port. Connect the other end of the USB cable to a compatible power source such as a power bank, laptop, car charger, or USB adapter (5V, 1.5A recommended).
6. **Assemble Front Grille:** If disassembled for cleaning or transport, reattach the front grille by aligning it with the magnetic points and snapping it into place. Ensure the fan blade cover is twisted back into position before attaching the grille.



Figure 2: Filling the 1500ml top-refill water tank.

USB-C Power Supply



Figure 3: The unit can be powered via USB-C from various sources like power banks, laptops, or car chargers.

4. OPERATING INSTRUCTIONS

The iFTY Portable Air Conditioner can be operated using the control panel buttons on the unit or the included remote control.

4.1. Control Panel Buttons

- **Power Button:** Press to turn the unit ON/OFF.
- **Fan Speed Button:** Cycle through 3 wind speeds (Low, Mid, High).
- **Mist Mode Button:** Select between 2 spray modes (Low-Cool Mist, High-Cool Mist) or turn mist off.
- **Timer Button:** Set the auto shut-off timer to 1 hour, 3 hours, or 6 hours.
- **Night Light Button:** Turn the 7-color night light ON/OFF or cycle through colors.

4.2. Remote Control Operation

The remote control provides convenient access to all functions from a distance.

- **ON/OFF:** Power the unit on or off.
- **Fan Speed:** Adjust fan speed (Low, Mid, High).
- **Mist Mode:** Control mist output (Low, High, Off).
- **Timer:** Set auto shut-off timer (1H, 3H, 6H).
- **Night Light:** Control night light colors and on/off.

4 in 1 Portable Desktop AC Fan

Make Summer More Comfortable and Cooling



Figure 4: The 4-in-1 functionality allows for use as a fan, cooler, AC, or humidifier.

Sleep Peacefully

Enjoy a Soothing Atmosphere Night



<40db



1/3/6H Timer



7 color LED
Night Lights

Led can be turned off long press

Figure 5: Enjoy a soothing atmosphere with 7-color LED night lights and 1/3/6 hour timer options.

Your browser does not support the video tag.

Video 1: Demonstration of the iFTY Mini Portable Air Conditioner's features, including mist and light functions, suitable for office use.

5. MAINTENANCE

Regular cleaning is essential to ensure optimal performance and longevity of your iFTY Portable Air Conditioner. Always unplug the unit before cleaning.

1. **Empty Water Tank:** After each use, especially if storing the unit, empty any remaining water from the tank.
2. **Clean Water Tank:** Remove the top cap and wipe the inside of the water tank with a soft cloth. For thorough cleaning, you can disassemble the front grille and fan blade cover.
3. **Disassemble for Deep Cleaning:** The front grille is magnetically attached and can be easily removed. The fan blade cover can be twisted off. This allows access to the internal components for cleaning.
4. **Rinse Components:** Rinse the removable parts (front grille, fan blade cover) under running water. For the main unit, you can run water directly through the internal fan area while holding it flat to rinse out any residue.
5. **Dry Thoroughly:** Ensure all parts are completely dry before reassembling the unit.

6. **Reassembly:** Reattach the fan blade cover by twisting it back into place, then reattach the magnetic front grille.



Figure 6: The unit features an easy-to-disassemble design for convenient cleaning.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on	No power supply or loose connection.	Ensure USB cable is securely plugged into both the unit and a working power source. Check if the power source is active.
No mist or weak mist	Water tank is empty or low; mist nozzles are blocked.	Refill the water tank. Clean the mist nozzles gently with a cotton swab if visible blockage.

Problem	Possible Cause	Solution
Air is not cool enough	No ice in tank; unit is in fan-only mode; room temperature is too high for personal cooling.	Add ice cubes to the water tank. Ensure mist mode is activated. This is a personal cooler, not designed to cool large rooms.
Night light not working	Light function is turned off.	Press the Night Light button on the unit or remote to activate.

7. SPECIFICATIONS

Brand	iFTY
Model Name	HW-21B
Mounting Type	Freestanding
Color	Black
Controls Type	Remote
Reservoir Capacity	1500 Milliliters (1.5L / 50 OZ)
Noise Level	39 dB
Number of Speeds	3
Product Dimensions	6.7"D x 6.8"W x 11.42"H
Voltage	5 Volts
Item Weight	2.11 pounds
Country of Origin	China
Included Components	1× iFTY Portable Air Conditioner Fan, 1×5ft USB C Cable, 1×Control Remote, 1×User Manual

8. WARRANTY AND SUPPORT

The iFTY Portable Air Conditioner comes with a **2-Year Warranty**. For any product inquiries, technical support, or warranty claims, please contact iFTY customer service through the retailer's platform or refer to the contact information provided in the included User Manual.