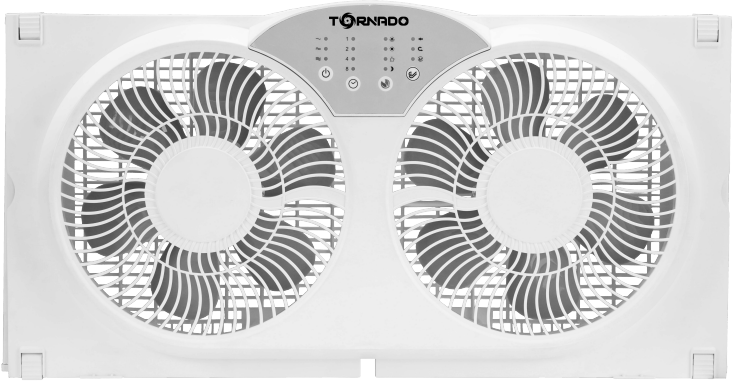
INSTRUCTION MANUAL

TORNADO

9” WINDOW FAN WITH COOL LOGIC AND REMOTE
Model: BFC-9ER



PLEASE READ AND SAVE THIS INSTRUCTION.

Attention: Pictures in the IM are for reference only.

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1 OPERATING INSTRUCTIONS
SET UP

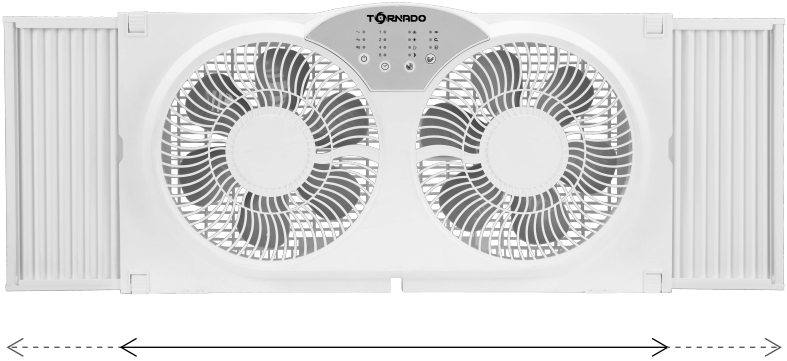
Window Fan Installation

Warning!

- The fan will not stop a child from falling out of the window. Keep children away from an open window.

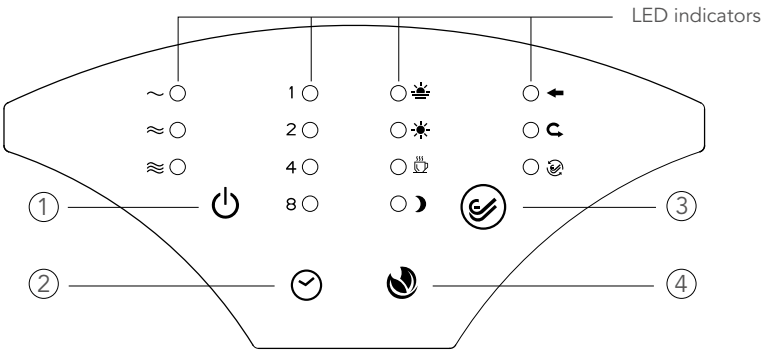
NOTE: For double-hung windows (designed to fit windows with minimum openings of 23.25 inches (60cm) wide and 11.75 inches (30cm) high

1. Align the Window Fan horizontally in the window and the Built-In-Extender Panels on both sides.
2. With the window open at least 12 inches, take an accurate measurement of the opening where the unit will be placed.
3. Match your window measurement with the INSTALLATION GUIDE (SEE NEXT SECTION).
4. Set the fan in the window ensuring the control panel is facing inward.
5. Carefully close the window onto the top of the fan so that the bottom edge of the window rests behind top line of fan housing. This helps keep the fan in place.



From 23.5” to 36”

1 OPERATING INSTRUCTIONS
CONTROLS AND SETTINGS



Window Fan Operation

Input: AC 120V/60Hz
The buzzer emits a single beep for 0.2 seconds, and all indicator lights illuminate from left to right at a frequency of 0.2 seconds until fully lit. Then, they extinguish sequentially from right to left, and the machine enters standby mode.

1. Power Button"⏻":

In standby mode, pressing the Power button "⏻" for the first time will produce two short beeps (0.2 seconds), and the AC motor will start operating at speed level 3 "≋". The indicator lights "⬅" and "≋" will light up simultaneously. Pressing this button again will cycle through the AC motor speed settings in the following order: 3 "≋" > 1 "∼" > 2 "≈". Long-pressing this button will turn off the unit, with a long beep from the buzzer lasting 1 second, and the machine will return to standby mode.
Note 1: The unit has a temporary memory function. The Timer and Cool logic modes do not retain memory.
Note 2: After 15 seconds of inactivity, the LED indicators will dim from fully lit to half-lit.

1 OPERATING INSTRUCTIONS
CONTROLS AND SETTINGS

2. Timer Key"":

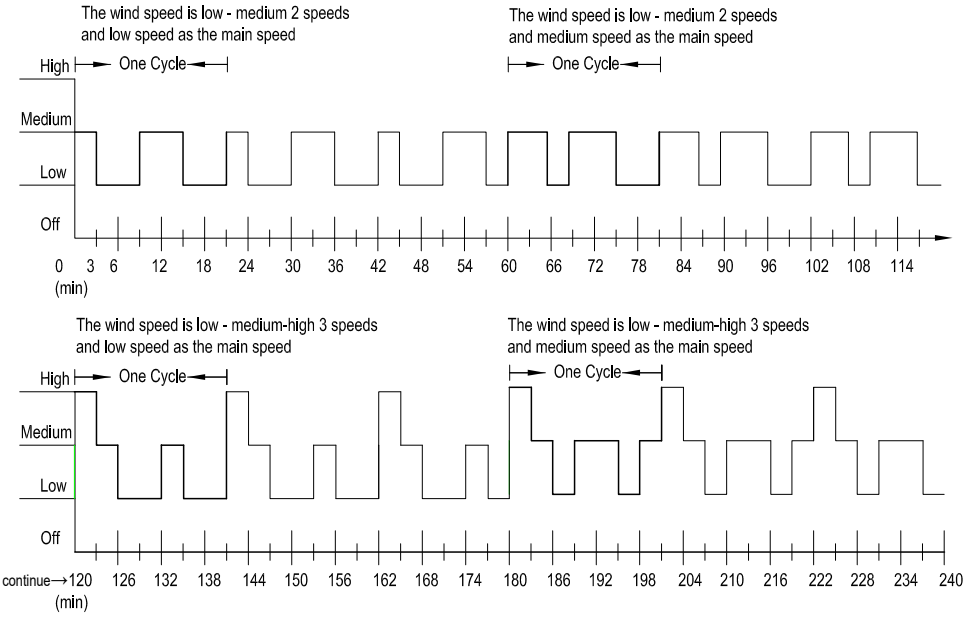
In the power-on state, press this key to select the delayed shutdown function. You can choose a delay of 1 hour, 2 hours, 4 hours, or 8 hours. Once the set time is reached, the device will automatically shut down and turn off all outputs. When the timer function is off, the timer indicator light will turn off completely.

After powering on, press the TIMER key to illuminate the 1H timer indicator. Continue pressing this key to cycle through the timer indicators: 2H → 4H → 8H → unsettled → 1H → … cyclically.

3. Cool logic mode"":

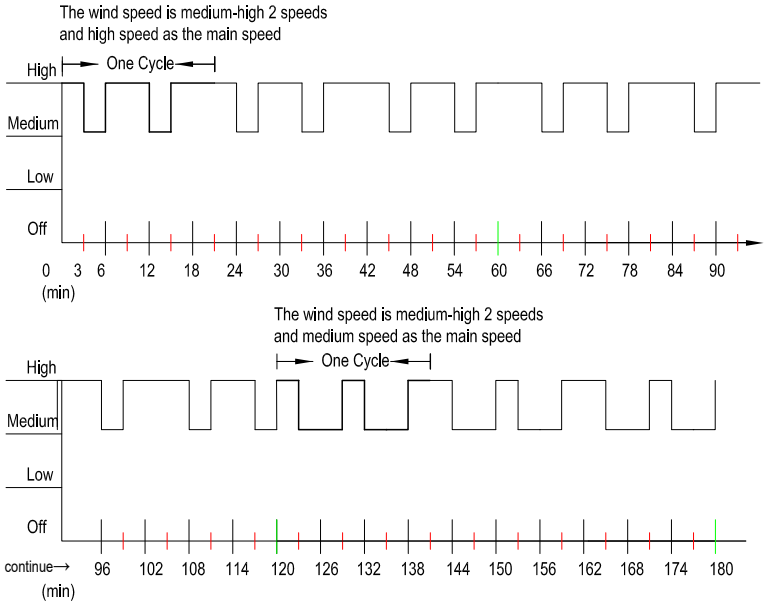
Press this button to enter Cool logic mode, in order from Morning mode, Noon mode, Afternoon mode, Night mode.

Morning Mode: The fan cycles every 30 minutes with air intake followed by a 6-minute cycle + 3-minute exhaust cycle. In the morning, when the room temperature is in the rising phase, the air speed is gradually increased from low to medium speed over time.

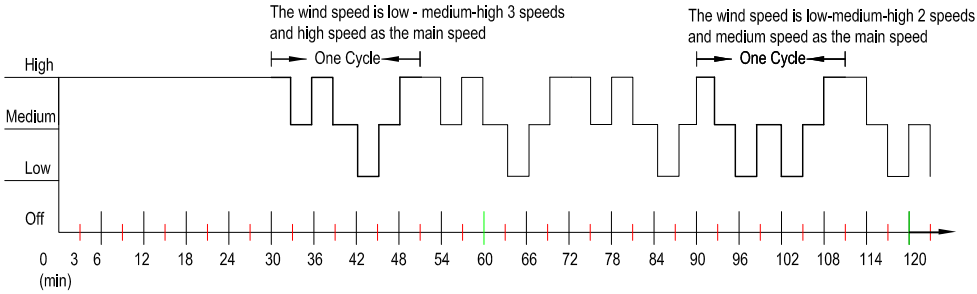


1 OPERATING INSTRUCTIONS
CONTROLS AND SETTINGS

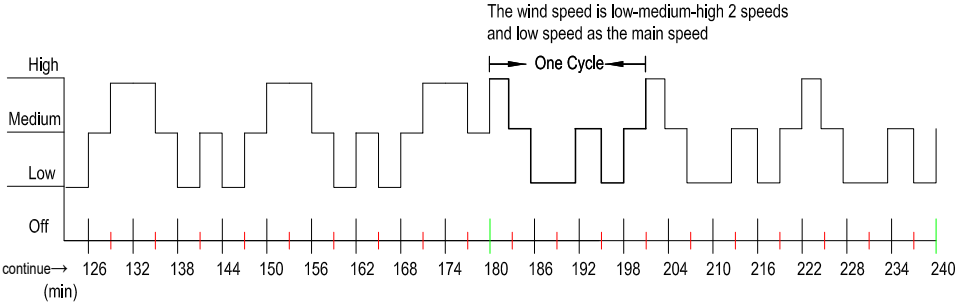
Noon Mode: Switch to a 3-minute circulate and 6-minute exhaust after intake every 30 minutes. The first two hours: the wind speed is medium-high 2 speeds and high speed as the main speed. The third hour: the wind speed is medium-high 2 speeds and medium speed as the main speed.



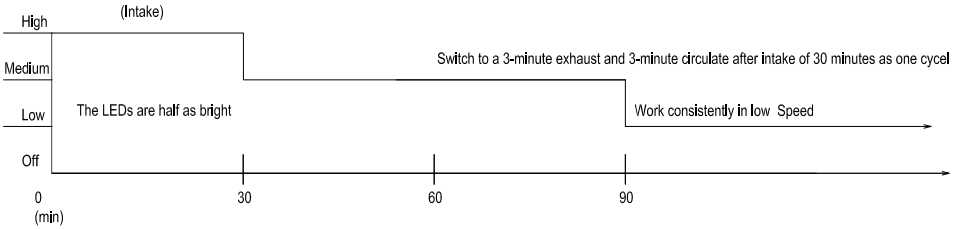
Afternoon Mode: The fan cycled every 30 minutes of intake air before cycling at 6 minutes + 3 minutes of exhaust. In the afternoon, the room temperature is high and in the down phase, the air speed slowly decreases from high speed over time to high medium-low to medium-low air speed.



1 OPERATING INSTRUCTIONS
CONTROLS AND SETTINGS



Night Mode: The fan intakes air for the first 30 minutes, and then circulates with 3 minutes of exhaust + 3 minutes after every 30 minutes of intake. At night before going to bed, the weather is hot, the wind speed runs at a high speed and gradually decreases over time, the body's physical function decreases after the body falls asleep, and the wind speed finally switches to a low speed for continuous operation.



4. Air Direction Mode Switch Key"":

In the power-on state, press this key "" to switch the air direction in the following sequence: INTAKE "" → EXHAUST "" → EXCHANGE "", cycling through these modes.

1 OPERATING INSTRUCTIONS
REMOTE CONTROL

Remote Control



You can operate your window fan with the remote control.

1. ( ) Power Button
2. ( ) Third gear key
3. ( ) Cool Logic Key
4. ( ) Timer Key
5. ( ) Air Direction Mode Switch Key

Remote Control (SEE FIGURE 1)

NOTE: REMOVE THE PROTECTIVE STICKER FROM THE REMOTE CONTROL BATTERY BEFORE OPERATION.

This unit includes one lithium button cell battery, CR2025/3V. Remove battery before discarding the remote.

Battery Replacement

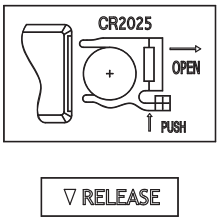
Button cell batteries should be disposed of properly including keeping it away from children. Even used button cell batteries may cause injury.

1. Locate the battery compariment on the bottom back of the remote control handset. Push tab and pull battery tray.
2. Remove the old battery.
3. Place the new battery into the battery tray.
4. Slide battery tray into the battery compartment of the remote control handset.

NOTES:

1. Remove the battery from the remote control when it is not being used for an extended period of time.
2. Remove used battery promptly.
3. Do not discard used batteries into household trash containers. Contact your local government for disposal or recycling practices in your area.

FIGURE 1



2 CLEANING MAINTENANCE
CARE AND MAINTENANCE

Follow these instructions to correctly and safely care for this window fan.

FAN CLEANING

- Always unplug the fan before cleaning or disassembling.
- Do not allow water to drip on or into the fan motor housing.
- Use only a soft cloth moistened with a mild soap solution.
- Do not use harsh chemicals such as gasoline, thinner or benzene as a cleaner.
- Do not attempt to remove the fan blade.
- Use CAUTION around the motor housing area. Do not allow the motor or other electrical components to be exposed to water.
- It is recommended to periodically clean this fan by lightly running a vacuum cleaner nozzle over the fan grill to remove any dust or dirt.

FAN STORAGE

- It is recommended to use the original (or appropriately sized) box.
- Protect the fan from dirt, dust, and moisture.

For inquiries regarding recycling and proper disposal of this product, please contact your local waste management facility.

3 SAFETY INSTRUCTIONS / CAUTIONS

Follow all basic precautions and instructions when using electrical appliances to reduce risk of fire, electric shock, and injury to persons or property.

Any misuse that is not recommended by the manufacturer will void the warranty.

- READ ALL THE INSTRUCTIONS BEFORE USING THIS FAN.
- Use this fan only as described in this manual. Any other use not recommended by the manufacturer may cause electric shock, fire or injury to persons.
- Use of extreme caution is necessary when any fan is used by or near children, disabled persons or pets and whenever the fan is left operating unattended.
- Do not place the fan on a small, unlevel or uneven surface or any surface which might allow fan to tip or fall.
- For proper operation, fan should be placed on a smooth, non-combustible, level surface.
- Always unplug fan when not in use, when moving from place to place, when assembling or disassembling parts, and before cleaning.
- The use of attachments not recommended or sold by the manufacturer may cause hazards.
- Do not use outdoors.
- Do not operate the fan with blade guards or any safety device removed.
- Do not insert or allow any object to enter any openings on the fan. Doing so may cause electric shock and/or fire hazard. Avoid contact with moving parts.
- 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 they do not play with the appliance.
- Do not use near combustible materials or flammable gases or sources of heat.
- DO NOT USE in areas where gasoline, paint or flammable materials are used or stored.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.

IMPORTANT: RETAIN FOR FUTURE REFERENCE, AND READ CAREFULLY.

3 SAFETY INSTRUCTIONS / CAUTIONS

- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the fan.
- This fan is NOT intended for use in a bathroom, laundry area, or similar locations, or near sinks, washing machines, swimming pools or other sources of water.
- Never locate fan where it may fall into a bathtub or other water receptacle.
- Do not use in damp environments such as flooded basements.
- To prevent electric shock, this product has a polarized two-prong plug (one blade is wider than the other) that must be fully inserted into a matching properly grounded outlet.
- This plug is designed to fit a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
- To reduce the risk of fire or electric shock, do not use this product with any solid-state speed-control device.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not operate fan with a broken blade or safety cage or any visual imperfections.
- Disconnect power before servicing. For repairs covered under warranty, see warranty statement.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Avoid the use of extension cords due to risk of fire. If an extension cord must be used, the cord must be minimum 15 AWG. Do not use an extension cord unless the plug can be completely inserted into its receptacle.
- Do not operate fan with its ventilation obstructed.

IMPORTANT: RETAIN FOR FUTURE REFERENCE, AND READ CAREFULLY.

3 SAFETY INSTRUCTIONS / CAUTIONS

This product employs overload protection (fuse). A blown fuse indicates an overload or short-circuit situation. If the fuse blows, unplug the product from the outlet. Replace the fuse as per the user servicing instructions (follow product marking for proper fuse rating) and check the product. If the replacement fuse blows, a short-circuit may be present and the product should be discarded or returned to an authorized service facility for examination and/or repair.

User Servicing Instructions

1. Using the product controls, turn off the appliance.
2. Grasp plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.
3. Risk of Fire. Replace fuse only with 5.0 Amp MAX, 125 Volt fuse.
4. Once the replacement is received, use a small flat-head screwdriver to slide open the fuse cover (located on the plug) (Fig. A).
5. Remove fuse by using the screwdriver to gently lift each end of the fuse (Fig. B).
6. Install the replacement fuse by using the screwdriver to gently push each metal end of the fuse into the receptacle one at a time. Do not push on the center of the fuse—it is fragile and may break.
7. Slide the fuse cover closed using the screwdriver. When closed, the cover should fit entirely in the plug. No part of the cover should stick out (Fig. C).
8. Plug your appliance into the outlet and turn the power on.
9. If the replacement fuse blows, a short-circuit may be present and the product should be discarded or returned to an authorized service facility for examination and/or repair.

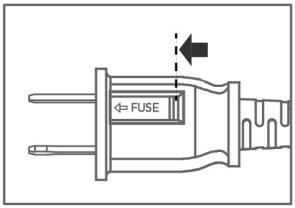


Fig.A

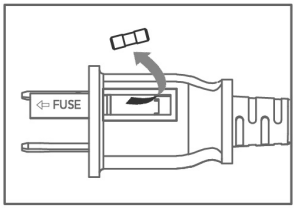
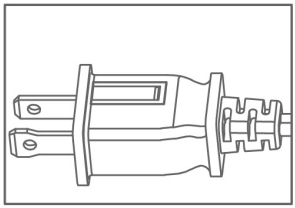


Fig. B


Fig. C

Risk of fire. Do not replace attachment plug. It contains a safety device (fuse, AFCI, LCDI) that should not be removed. Discard product if the attachment plug is damaged.

3 SAFETY INSTRUCTIONS / CAUTIONS

⚠ WARNING

- **INGESTION HAZARD**: This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



1. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
2. Even used batteries may cause severe injury or death.
3. Call a local poison control center for treatment information
4 Always use the same size and grade battery as CR2025 for this product.
5. Always use a voltage 3V battery for this product.
6. Non-rechargeable batteries are not to be recharged.
7. Do not force discharge, recharge, disassemble, heat above temperature 40°C (104°F), or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
8 Ensure the batteries are installed correctly according to polarity (+ and -).
9. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
10. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
11. Always completely secure the battery compartment, If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

4 WARRANTY

LIMITED ONE-YEAR WARRANTY

Hexago LLC warrants this product to be free of defects in material and workmanship for the applications specified in the Owner's Manual for a period of 12 months for the whole fan from date of purchase. This warranty only applies to the original purchaser of this product.

This warranty excludes damage, accidental or otherwise, to the unit not caused by a defect in material or workmanship.

The warranty also excludes damage caused by misuse, tampering, modification, miss-assembly, repairs or alternations, or failure to adequately maintain and care for the unit. Operating this product under any conditions others than those recommended or at voltages other than indicated will also void this warranty. For warranty issues, contact the place of purchase for repair/ replacement opportunities. The original dated receipt or proof of purchase must accompany all returns.

All warranties, expressed or implied, are limited for 12 months for the whole fan from the date of purchase. Please contact us at www.tornadofans.com if you have any questions. Tornado is a registered trademark of Hexago LLC.

Some states do not allow for the limitation or exclusion of incidental or consequential damages, or do not allow limitation on implied warranties. The above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and may also include other rights that vary state by state.

Customer service email: info@tornadofans.com
Website: www.tornadofans.com

FOR CALIFORNIA CONSUMERS ⚠ **WARNING:** This product can expose you to chemicals including lead and phthalates, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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