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XPOWER FC-100

XPOWER FC-100 Air Mover and Circulator User Manual

INTRODUCTION AND OVERVIEW

The XPOWER FC-100 is a heavy-duty industrial high-velocity whole room air mover and circulator utility floor fan designed for efficient air movement. It is ideal for drying, cooling, and ventilation in various environments, including homes, offices, workshops, and garages. This unit combines powerful performance with convenient features for versatile use.

- **Powerful & Efficient:** Delivers 1100 CFM (Cubic Feet Per Minute) while consuming only 0.6 Amps. Features an advanced high-torque motor and a unique grille design for focused airflow up to 120+ feet.
- **Convenient & Versatile:** Equipped with 4 adjustable speeds, a 3-hour set-and-forget timer, and a grab-and-go handle. Its durable housing and heavy-duty wrap-around cord design ensure longevity and ease of transport. The unit is fully assembled, requires low maintenance, and is stackable for compact storage.
- **Advanced Technology:** Incorporates a powerful high-torque induction motor, a unique spiral grille, exclusive fan blade technology, and 360-degree directional airflow capabilities.
- **Safety & Service Standards:** ETL / CETL safety certified, ensuring compliance with recognized safety standards. It includes a 1-year limited warranty, backed by XPOWER's California-based customer service team for comprehensive support.



Figure 1: Front view of the XPOWER FC-100 Air Mover, showcasing its compact design and powerful fan blades.

SETUP

The XPOWER FC-100 Air Mover comes fully assembled and ready for use. Follow these simple steps to set up your unit:

1. **Unpack:** Carefully remove the air mover from its packaging.
2. **Placement:** Place the unit on a stable, flat surface. Ensure there is adequate space around the fan for optimal airflow.
3. **Power Connection:** Unwind the power cord from the integrated wrap-around design. Plug the power cord into a standard 120V AC electrical outlet.
4. **Adjust Direction:** Utilize the adjustable stand to tilt the fan to your desired angle for targeted airflow. The unit supports 360-degree rotation.



Figure 2: The XPOWER FC-100 Air Mover positioned on its sturdy stand, ready for operation.

OPERATING INSTRUCTIONS

The XPOWER FC-100 offers intuitive controls for easy operation.

Power and Speed Control

1. **Turn On:** Locate the speed control knob on the unit. Turn the knob clockwise from the 'OFF' position to select one of the four available speeds (1, 2, 3, or 4).
2. **Adjust Speed:** Rotate the knob to increase or decrease the fan speed as needed. Speed 1 is the lowest setting, and Speed 4 is the highest.
3. **Turn Off:** Rotate the speed control knob counter-clockwise to the 'OFF' position.

Timer Function

The integrated 3-hour timer allows you to set the unit to operate for a specific duration.

1. **Set Timer:** Locate the timer knob. Rotate the knob clockwise to set the desired operating time (up to 180 minutes, or 3 hours).
2. **Continuous Operation:** To operate the fan continuously without a timer, set the timer knob to the 'ON' position.
3. **Automatic Shut-off:** The unit will automatically turn off once the set timer duration has elapsed.

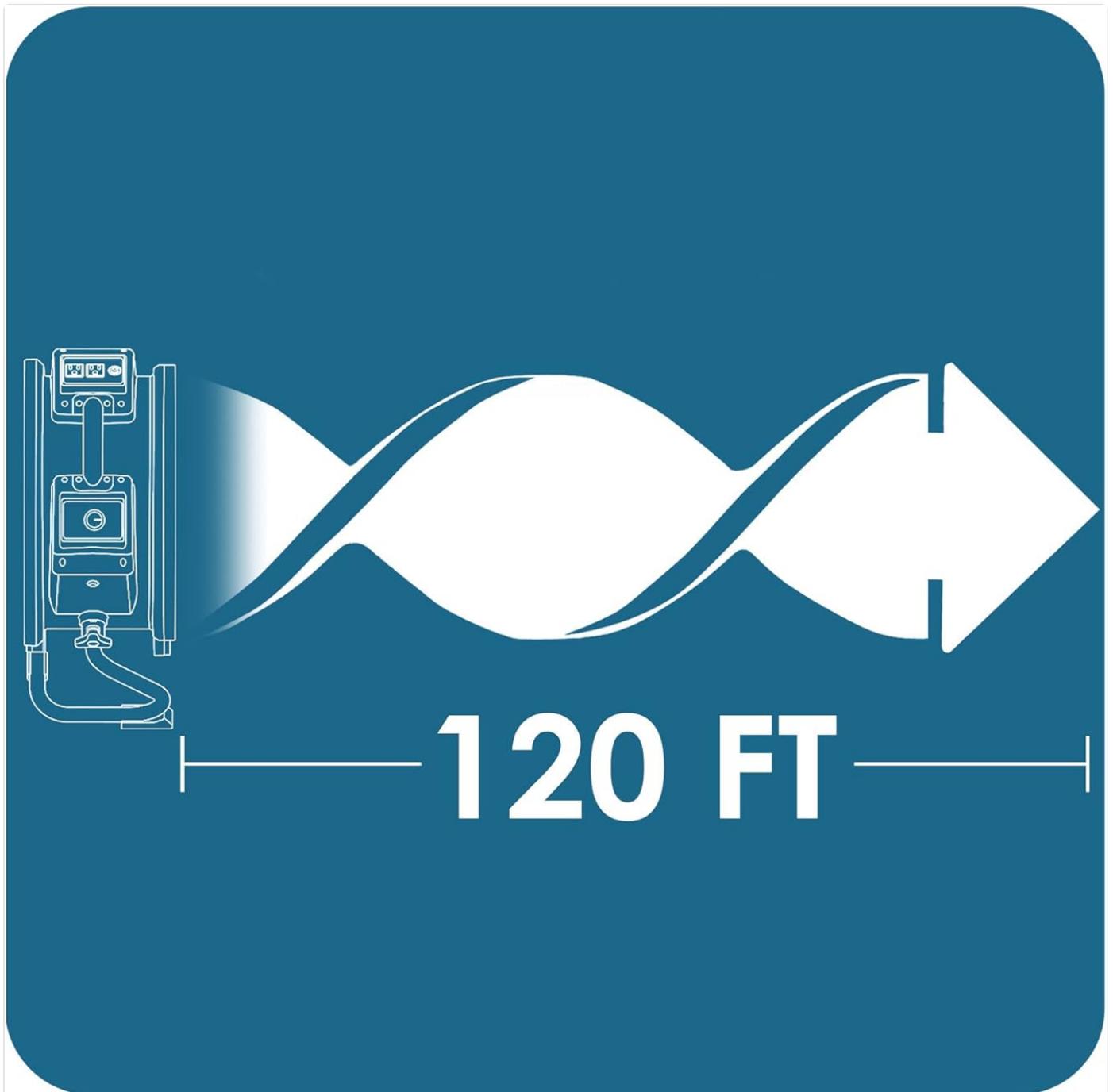
Directional Airflow

The XPOWER FC-100 features a 360-degree directional airflow design, allowing you to precisely target air movement.

- **Adjust Tilt:** Loosen the adjustment knobs on the sides of the fan's stand. Tilt the fan body to the desired angle.
- **Secure Position:** Tighten the adjustment knobs firmly to secure the fan in place.
- **Optimal Circulation:** For whole-room circulation, position the fan to bounce air off walls or ceilings. For drying, direct the airflow directly at the target area.

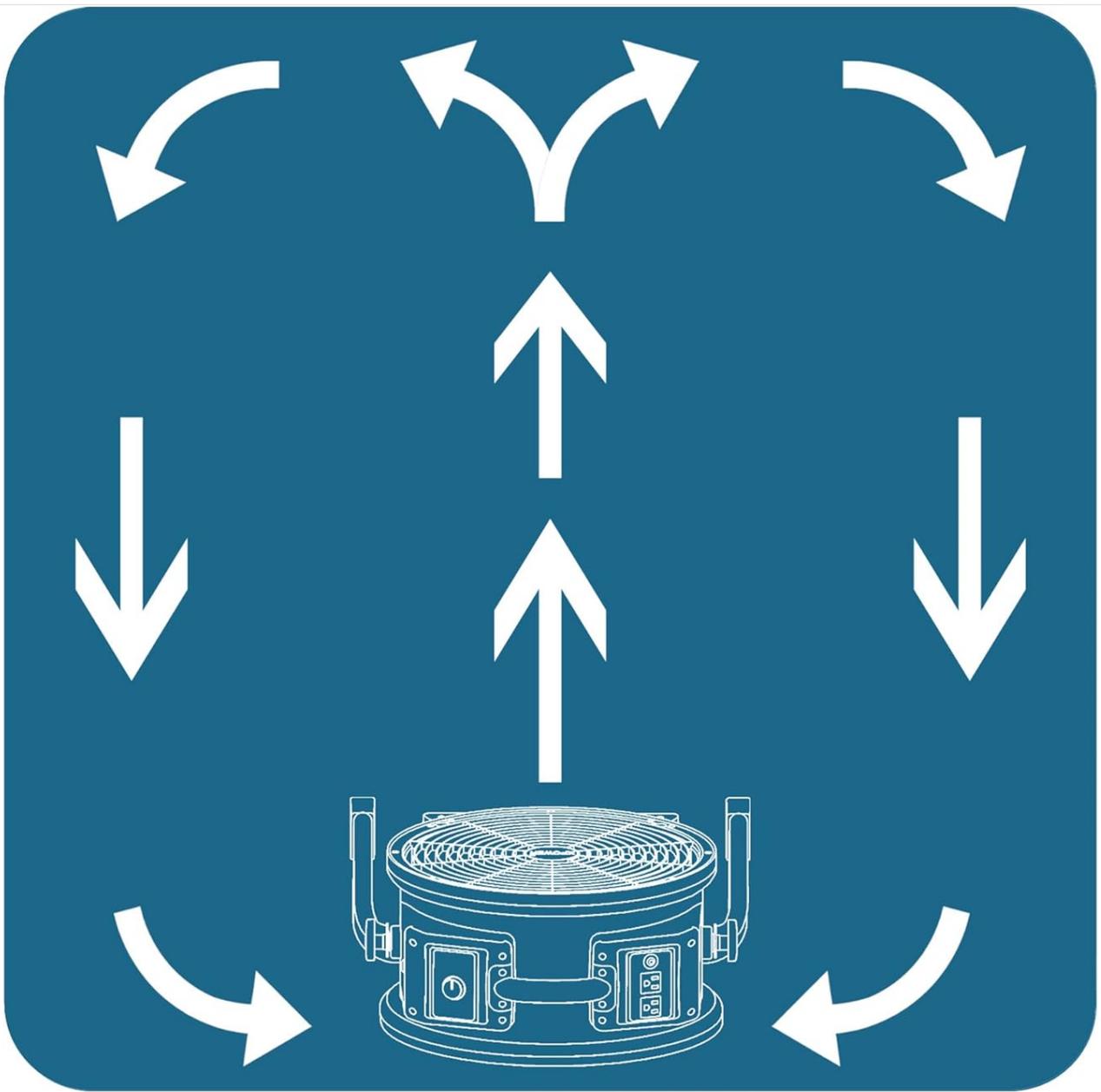


Figure 3: Side view of the XPOWER FC-100, illustrating its 360-degree rotational capability for versatile airflow direction.



**External roto-motor and front grill design
creates focused air flow that travels up to 120ft**

Figure 4: Diagram demonstrating the focused and extended airflow of the FC-100, reaching distances of up to 120 feet.



Constantly recirculates air to create a gentle and consistent stream of airflow to shorten drying time

Figure 5: Illustration of how the FC-100 recirculates air to create a gentle and consistent stream, shortening drying times.

MAINTENANCE

The XPOWER FC-100 is designed for low maintenance. Regular cleaning will ensure optimal performance and longevity.

1. **Disconnect Power:** Always unplug the unit from the power outlet before performing any maintenance.
2. **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
3. **Grille Cleaning:** Periodically inspect the intake and exhaust grilles for dust, debris, or obstructions. Use a vacuum cleaner with a brush attachment or a soft brush to gently remove any buildup. Do not insert fingers or foreign objects into the grilles.
4. **Cord Storage:** Utilize the integrated wrap-around cord design for neat and secure storage of the power cord when the unit is not in use.

TROUBLESHOOTING

If you encounter any issues with your XPOWER FC-100, refer to the following common troubleshooting steps:

- **Unit Does Not Turn On:**

- Ensure the power cord is securely plugged into a working electrical outlet.
- Check if the speed control knob is turned to an active speed setting (1-4) and not in the 'OFF' position.
- Verify that the timer is not set to '0' or has not expired. Set it to 'ON' for continuous operation or to a desired time.
- Check your circuit breaker or fuse box to ensure the outlet has power.

- **Reduced Airflow:**

- Inspect the intake and exhaust grilles for any obstructions (dust, lint, debris). Clean as described in the Maintenance section.
- Ensure the fan is operating at a higher speed setting if more airflow is desired.

- **Unusual Noise or Vibration:**

- Ensure the unit is placed on a stable, flat surface.
- Check for any loose parts or foreign objects inside the fan grilles. Disconnect power before inspecting.

If these steps do not resolve the issue, please contact XPOWER customer service for further assistance.

SPECIFICATIONS

Feature	Specification
Brand	XPOWER
Model Name	Air Circulator
Item Model Number	FC-100
Air Flow Capacity	1100 Cubic Feet Per Minute (CFM)
Number of Power Levels	4
Timer	3-hour (180 minutes)
Power Source	AC
Wattage	69 watts
Voltage	220 Volts
Item Weight	9.7 Pounds
Product Dimensions	16.1"D x 14.2"W x 8.9"H
Electric Fan Design	Floor Fan
Room Type	Home Office
Recommended Uses	Air Circulation, Drying, Ventilating

Safety Certification	ETL / CETL
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WARRANTY AND SUPPORT

The XPOWER FC-100 Air Mover comes with a **1-year limited warranty** from the manufacturer, XPOWER Manufacture, Inc. This warranty covers defects in materials and workmanship under normal use.

For any warranty claims, technical support, or customer service inquiries, please contact XPOWER's California-based customer service team. They are dedicated to providing comprehensive support and ensuring a first-class customer experience.

You can find more information and contact details by visiting the official [XPOWER Store on Amazon](#).