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> [XPOWER P-80A Mini Mighty Centrifugal Air Mover Instruction Manual](#)

## XPOWER P-80A

# XPOWER P-80A Mini Mighty Centrifugal Air Mover Instruction Manual

Model: P-80A

## 1. PRODUCT OVERVIEW

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The XPOWER P-80A Mini Mighty Air Mover is a versatile and energy-efficient centrifugal fan designed for various drying, cooling, and ventilation applications. Its compact size and powerful airflow make it suitable for both professional and home use.

### Key Features:

- **Faster Surface Drying:** Efficiently dries carpets, floors, furniture, windows, and walls with a focused air current.
- **Powerful & Energy-Efficient:** 138W motor delivers up to 600 CFM while drawing only 1.2 Amps at its highest setting.
- **Lightweight & Portable:** Measures 11.5" x 9.3" x 12.3" and weighs 7.9 pounds, featuring a built-in handle for easy transport.
- **Versatile Operation:** Offers 3 speeds and 4 operating positions (0°, 20°, 45°, 90°) for diverse applications.
- **Daisy Chain Capability:** Includes two built-in power outlets and dual thermal protection, allowing multiple units to be linked.
- **Durable Construction:** Made with injection-molded polypropylene (PP) housing and a heavy-duty squirrel cage rotor for long-lasting use.



Figure 1: XPOWER P-80A Mini Mighty Air Mover, showcasing its compact design and handle.

## 2. SETUP INSTRUCTIONS

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Before operating your XPOWER P-80A, ensure it is properly set up according to these instructions.

### 2.1 Unpacking

- Carefully remove the air mover from its packaging.
- Inspect the unit for any signs of damage during transit. If damaged, do not operate and contact customer service.
- Ensure all components, including the power cord, are present.

### 2.2 Placement

- Place the air mover on a stable, flat surface.
- Ensure adequate clearance around the air intake and exhaust to prevent obstruction.
- For optimal drying, position the unit to direct airflow towards the desired area.

### 2.3 Power Connection

- Unwrap the 10 ft. industrial power cord from the unit's wrap-around design.

- Plug the power cord into a standard 115V AC electrical outlet.
- The unit features two built-in auxiliary power outlets (115V AC) for daisy-chaining multiple units or powering other devices. Ensure the total output does not exceed 12 Amps when the unit is off, or 8 Amps when the unit is on.



Figure 2: Close-up of the XPOWER P-80A's control panel, showing the speed switch and auxiliary power outlets.

### 3. OPERATING INSTRUCTIONS

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The XPOWER P-80A offers flexible operation with adjustable speeds and multiple drying positions.

#### 3.1 Powering On and Speed Selection

- Locate the speed control switch on the unit's control panel.
- Turn the switch to position '1' for low speed, '2' for medium speed, or '3' for high speed.
- To turn off the unit, rotate the switch to the 'OFF' position.



Figure 3: The 3-speed control switch on the XPOWER P-80A.

#### 3.2 Adjusting Drying Positions

The P-80A features a built-in kickstand and a unique design that allows for four different drying positions:

- **0° (Flat):** For horizontal airflow across floors or carpets.
- **20° (Angled):** Slightly elevated for directing air under furniture or into tight spaces.
- **45° (Angled):** Further elevated for drying walls or higher surfaces.
- **90° (Upright):** For vertical airflow, ideal for drying ceilings or circulating air upwards.

To change the position, simply adjust the unit's orientation using the integrated handle and kickstand until it locks into the desired angle.



Figure 4: The XPOWER P-80A demonstrating its four adjustable drying positions.

### 3.3 Daisy-Chaining Multiple Units

The P-80A is equipped with two auxiliary power outlets, allowing you to connect up to five additional P-80A units (or other compatible devices) to a single power source. This feature is useful for covering larger areas or creating a more powerful airflow system.

- Plug the first P-80A unit into a wall outlet.
- Connect the power cord of a second P-80A unit into one of the auxiliary outlets on the first unit.
- Repeat this process for additional units, ensuring the total current draw does not exceed the specified limits (12 Amps when the unit is off, 8 Amps when the unit is on).

## P-80A FEATURES



Figure 5: Multiple XPOWER P-80A units connected via daisy-chaining for extended coverage.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your XPOWER P-80A Air Mover.

### 4.1 Cleaning the Unit

- Always unplug the unit from the power source before cleaning.
- Wipe the exterior of the unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- Periodically inspect the air intake and exhaust grilles for dust, debris, or obstructions. Use a vacuum cleaner or a soft brush to remove any buildup.
- Ensure the fan blades are free from debris to maintain efficient airflow.

### 4.2 Cord Storage

- When not in use, wrap the power cord neatly around the designated cord wrap area on the unit.
- Secure the plug to prevent it from unwinding or getting damaged.



## ADJUSTABLE SPEEDS AND DRYING ANGLES

3 high-velocity speeds and 4 angled positions at 0, 20, 45, and 90 degrees



Figure 6: The XPOWER P-80A with its power cord neatly wrapped for storage.

## 5. TROUBLESHOOTING

If your XPOWER P-80A is not operating as expected, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not turn on.	No power to the unit.	Check if the power cord is securely plugged into a live outlet. Verify the wall outlet is functioning.
	Circuit breaker tripped.	Press the reset button on the unit's control panel. Reduce the load if multiple units are daisy-chained.
Low or no airflow.	Air intake or exhaust obstructed.	Clear any debris from the grilles. Ensure proper clearance around the unit.
	Fan blades are dirty.	Unplug the unit and clean the fan blades as described in the Maintenance section.
Unusual noise or vibration.	Loose components or debris inside.	Unplug the unit and inspect for any loose parts or foreign objects. If the issue persists, contact customer service.

If troubleshooting steps do not resolve the issue, contact XPOWER customer service for assistance.

## 6. SPECIFICATIONS

Feature	Detail
Brand	XPOWER
Model Name	P-80A
Electric Fan Design	Blower
Power Source	DC (operates on 115V AC)
Wattage	138.01 watts
Voltage	115 Volts
Air Flow Capacity	600 Cubic Feet Per Minute (CFM)
Speed	3 levels, up to 1480 RPM
Product Dimensions	11.5"D x 9.3"W x 12.3"H
Item Weight	7.9 Pounds
Special Features	4 Drying Positions, Adjustable Speed, Built-In Handle, Built-In Kickstand, Built-In Power Outlets, Daisy Chainable, Stackable
Safety Certification	ETL / CETL safety certified
Included Components	Power Cord

## 7. WARRANTY AND SUPPORT

### 7.1 Manufacturer's Warranty

The XPOWER P-80A Mini Mighty Air Mover is backed by a **1-year manufacturer limited warranty** (US purchases only). This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Service

For technical assistance, troubleshooting, or warranty inquiries, please contact XPOWER's California-based customer service team. They offer comprehensive support to ensure a first-class customer experience. Contact information can typically be found on the XPOWER official website or on your product packaging.

