

XPOWER P-830H-Blue

XPOWER P-830H Pro Air Mover Instruction Manual

Model: P-830H-Blue

INTRODUCTION

The XPOWER P-830H Pro 1 HP Centrifugal Air Mover is an energy-efficient, high-velocity fan designed for a variety of drying, cooling, and ventilation applications. It is ideal for water damage restoration, janitorial tasks, plumbing, and general home use. Its robust construction and versatile features make it a valuable tool for both indoor and outdoor environments.



Figure 1: XPOWER P-830H Pro Air Mover, a powerful and compact unit.

SAFETY INFORMATION

Always read and understand all instructions before using the XPOWER P-830H Air Mover. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- Ensure the unit is connected to a properly grounded outlet.
- Do not operate the unit with a damaged cord or plug.
- Keep children and pets away from the unit during operation.
- Do not use in standing water or excessively wet conditions.
- Avoid blocking air intake or exhaust openings.
- Disconnect from power supply before servicing or cleaning.
- This product is ETL/CETL safety certified, indicating compliance with North American safety standards.

SETUP

The P-830H is designed for quick and easy deployment.

1. **Unpacking:** Carefully remove the air mover from its packaging. Inspect for any shipping damage.
2. **Positioning:** Place the air mover on a stable, flat surface. The unit features three drying positions (0°, 20°, and 90°) to direct airflow precisely where needed. Utilize the built-in kickstand for angled positions.
3. **Power Connection:** Extend the 20 ft. industrial power cord and plug it into a suitable grounded electrical outlet.
4. **Stacking (Optional):** For larger areas or storage, multiple P-830H units can be stacked up to four units high. Ensure units are securely stacked before operation.

ADJUSTABLE SPEEDS AND DRYING ANGLES

3 HIGH-VELOCITY
SPEEDS AND 3
ANGLED POSITIONS



Figure 2: The P-830H can be positioned at 0°, 20°, and 90° angles for optimal airflow direction.

MAXIMIZE YOUR STORAGE AND TRANSPORTATION CAPACITY

HASSLE FREE STORAGE & MOBILITY

Can be stacked up to 3
units high for storage
or transportation

INCREASE YOUR EARNING POTENTIAL

Combine P-830H with
X-4700A and XD-85LH
for a complete water
damage solution



Figure 3: Units can be stacked up to three high for efficient storage and transport.

OPERATING INSTRUCTIONS

The XPOWER P-830H is simple to operate with its intuitive controls.

1. **Power On:** Locate the speed switch on the top of the unit.
2. **Select Speed:** Turn the switch to select one of the three available speeds (1, 2, or 3). Speed 3 provides the maximum airflow of 3600 CFM.
3. **Adjust Position:** If necessary, adjust the unit's position to 0°, 20°, or 90° to optimize airflow for the target area.
4. **Monitoring:** Allow the unit to operate until the desired drying or ventilation is achieved.
5. **Power Off:** Turn the speed switch to the "OFF" position when finished.

P-830H FEATURES



Figure 4: The control panel features a speed switch and convenient cord wrap for storage.

Applications:

- **Water Damage Restoration:** Accelerates drying of carpets, floors, walls, and other surfaces after leaks or floods.
- **Ventilation:** Improves air circulation in enclosed spaces, workshops, garages, and basements.
- **General Drying:** Useful for drying paint, furniture, and auto interiors.

VARIETY OF APPLICATIONS

XPOWER offers a full product line of centrifugal air movers for households and small businesses as well as commercial use.



Figure 5: The P-830H is versatile for various drying and ventilation needs.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air mover.

- **Cleaning:** Periodically wipe down the exterior of the unit with a damp cloth. Ensure the unit is unplugged before cleaning.
- **Air Intake/Exhaust:** Keep the air intake and exhaust grilles free from dust, debris, and obstructions to maintain efficient airflow.
- **Storage:** When not in use, store the air mover in a cool, dry place. The unit's stackable design allows for efficient storage. Utilize the wrap-around cord design to keep the power cord tidy.

TROUBLESHOOTING

If you encounter issues with your XPOWER P-830H, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, damaged cord/plug.	Check power outlet, reset circuit breaker, inspect cord/plug for damage.
Reduced airflow.	Blocked air intake/exhaust, dirty fan blades.	Clear obstructions, clean grilles and fan blades (ensure unit is unplugged).
Unusual noise or vibration.	Loose components, foreign object inside, unit not on a stable surface.	Ensure unit is on a stable surface, check for loose parts or foreign objects. If problem persists, contact customer service.

For issues not listed above, or if troubleshooting steps do not resolve the problem, please contact XPOWER customer service.

SPECIFICATIONS

Feature	Detail
Brand	XPOWER
Model Number	P-830H-Blue
Motor	1 HP Induction Motor
Air Flow Capacity	Up to 3600 CFM (Cubic Feet Per Minute)
Amperage Draw	8.5 Amps (at highest setting)
Speeds	3 (Low, Medium, High)
Drying Positions	0°, 20°, 90°
Housing Material	Injection-Molded Polypropylene (PP)
Power Cord Length	20 ft.
Dimensions (L x W x H)	15.9" x 18.7" x 18.7"
Item Weight	27 Pounds
Safety Certification	ETL / CETL

DIMENSIONS



Figure 6: Key dimensions of the P-830H Air Mover.

MINI MIGHTY		Motor	AMP Draw	Airflow	Weight	Timer	Daisy Chain	Filters	Wheels/ Handle	Carpet Clamp	Color Available
	P-80A	138W	1.2 Amps	600 CFM	7.4 lbs.		✓				● ●
	P-130A	1/5 HP	2 Amps	800 CFM	9.3 lbs.		✓				●
	P-230AT	1/4 HP	2.3 Amps	925 CFM	10.2 lbs.	✓	✓				● ● ●
PRO SERIES	P-430	1/3 HP	3.8 Amps	2000 CFM	15 lbs.						●
	P-430AT	1/3 HP	3.8 Amps	2000 CFM	15 lbs.		✓				●
	X-400A	1/4 HP	3 Amps	1600 CFM	17.2 lbs.	✓	✓				●
	X-430TF	1/3 HP	3.8 Amps	2000 CFM	17 lbs.			✓			●
	P-630	1/2 HP	5 Amps	2980 CFM	18.7 lbs.						●
	P-630HC*	1/2 HP	5 Amps	2980 CFM	21.9 lbs.				✓	✓	●
	X-600A	1/3 HP	3.8 Amps	2600CFM	19.8 lbs.		✓				● ● ●
	P-800	3/4 HP	7.5 Amps	3200 CFM	23 lbs.						●
	P-800H*	3/4 HP	7.5 Amps	3200 CFM	26 lbs.				✓		●
	P-830	1 HP	8.5 Amps	3600 CFM	24. lbs.						●
	P-830H*	1 HP	8.5 Amps	3600 CFM	27 lbs.				✓		●
	X-800TF	1 HP	7.5 Amps	3200 CFM	24.8 lbs.			✓			●
	X-830	1 HP	8.5 Amps	3600 CFM	25.5 lbs.						●
	X-830H*	1 HP	8.5 Amps	3600 CFM	28.5 lbs.				✓		●

Figure 7: Detailed specifications for the P-830H and other Pro Series models.


WARRANTY AND SUPPORT

The XPOWER P-830H Air Mover is backed by a **1-year manufacturer limited warranty**. This warranty covers defects in material and workmanship under normal use.

For warranty claims, technical support, or any inquiries, please contact XPOWER Manufacture Inc. customer service. Their California-based team offers comprehensive support to ensure a first-class customer experience.




Contact Information: Please refer to the official XPOWER website or your product packaging for the most current contact details.

Related Documents



[XPOWER 600 Series Air Movers: Powerful & Lightweight Drying Solutions](#)

Explore the XPOWER 600 Series Air Movers, featuring 1/3 HP and 1/2 HP models for efficient water damage restoration and carpet cleaning. Discover specifications, features like daisy chain and stackability, and accessories.

 <p>The image shows the cover of the XPOWER Air Mover Owner's Manual for the X/P-400/430/600/630/800/830 Series. It features a line drawing of the air mover unit and the XPOWER logo. Text on the cover includes 'Air Mover Owner's Manual', 'Model / Modelo / Modèles: X/P-400, 430 Series, X/P-600, 630 Series, X/P-800, 830 Series', and the ETL Intertek logo.</p>	<p>XPOWER Air Mover Owner's Manual: X/P-400/430/600/630/800/830 Series</p> <p>This owner's manual provides detailed information on the XPOWER Air Mover, including safety guidelines, operational procedures, parts identification, troubleshooting tips, and technical specifications for the X/P-400/430, X/P-600/630, and X/P-800/830 series. Learn how to effectively use and maintain your XPOWER air mover for various drying and ventilation needs.</p>
 <p>The image shows the cover of the XPOWER P-21AR & P-26AR Professional Utility Fans manual. It features a photograph of the fans and the XPOWER logo. Text on the cover includes 'P-21AR/P-26AR PROFESSIONAL UTILITY FANS', 'High CFM Air Movers', and the ETL Intertek logo.</p>	<p>XPOWER P-21AR & P-26AR Professional Utility Fans High CFM Air Movers</p> <p>Explore the XPOWER P-21AR and P-26AR Professional Utility Fans, compact and powerful axial fans designed for efficient drying. Featuring high CFM, 4-speed settings, daisy-chaining capability, and durable construction for various applications.</p>
 <p>The image shows the cover of the XPOWER Air Mover Owner's Manual for the P-80, P-100, P-130, P-200, and P-230 Series. It features a line drawing of the air mover unit and the XPOWER logo. Text on the cover includes 'Air Mover Owner's Manual', 'Model / Modelo / Modèles: P-80 Series, P-100 Series, P-130 Series, P-200 Series, P-230 Series', and the ETL Intertek logo.</p>	<p>XPOWER Air Mover Owner's Manual: P-80, P-100, P-130, P-200, P-230 Series</p> <p>Comprehensive owner's manual for XPOWER Air Movers, covering safety instructions, operation, maintenance, troubleshooting, and technical specifications for models P-80, P-100, P-130, P-200, and P-230 series.</p>