

## B-Air BA-VP-50H-GY

# B-Air VP-50 1/4 HP Air Mover Instruction Manual

Model: BA-VP-50H-GY

## INTRODUCTION

The B-Air VP-50 Air Mover is a powerful and energy-efficient unit designed for effective drying and air circulation in various environments. This manual provides essential information for the safe and optimal operation of your air mover. Please read all instructions carefully before use.

## SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure the unit is connected to a 110V/60Hz grounded outlet.
- Do not expose the unit to rain or use in damp locations.
- Keep children and pets away from the unit during operation.
- Do not operate the unit with a damaged cord or plug.
- Keep air inlets and outlets clear of obstructions.
- Always unplug the unit before performing any maintenance or cleaning.

## PRODUCT OVERVIEW

The B-Air VP-50 Air Mover features a robust design and powerful performance for demanding tasks.

- **Motor:** Powerful and energy-efficient 1/4 HP sealed motor.
- **Airflow:** Maximum airflow capacity of 2950 CFM.
- **Speed Control:** Recessed and water-resistant 3-speed control switch.
- **Positioning:** Multiple drying positions (0°, 45°, and 90°).
- **Stackability:** Stacks firmly up to 5 units high for easy storage and transport.
- **Housing:** Extra tough, durable, and compact roto-molded housing design.
- **Power Cord:** 25 ft. commercial-grade power cord with wrap-around cord design.
- **Stability:** Non-marking and anti-skid rubber feet for secure placement.

- **Filter:** Optional filter kit available for added blower motor protection.



Figure 1: B-Air VP-50 1/4 HP Air Mover with handle and wheels.

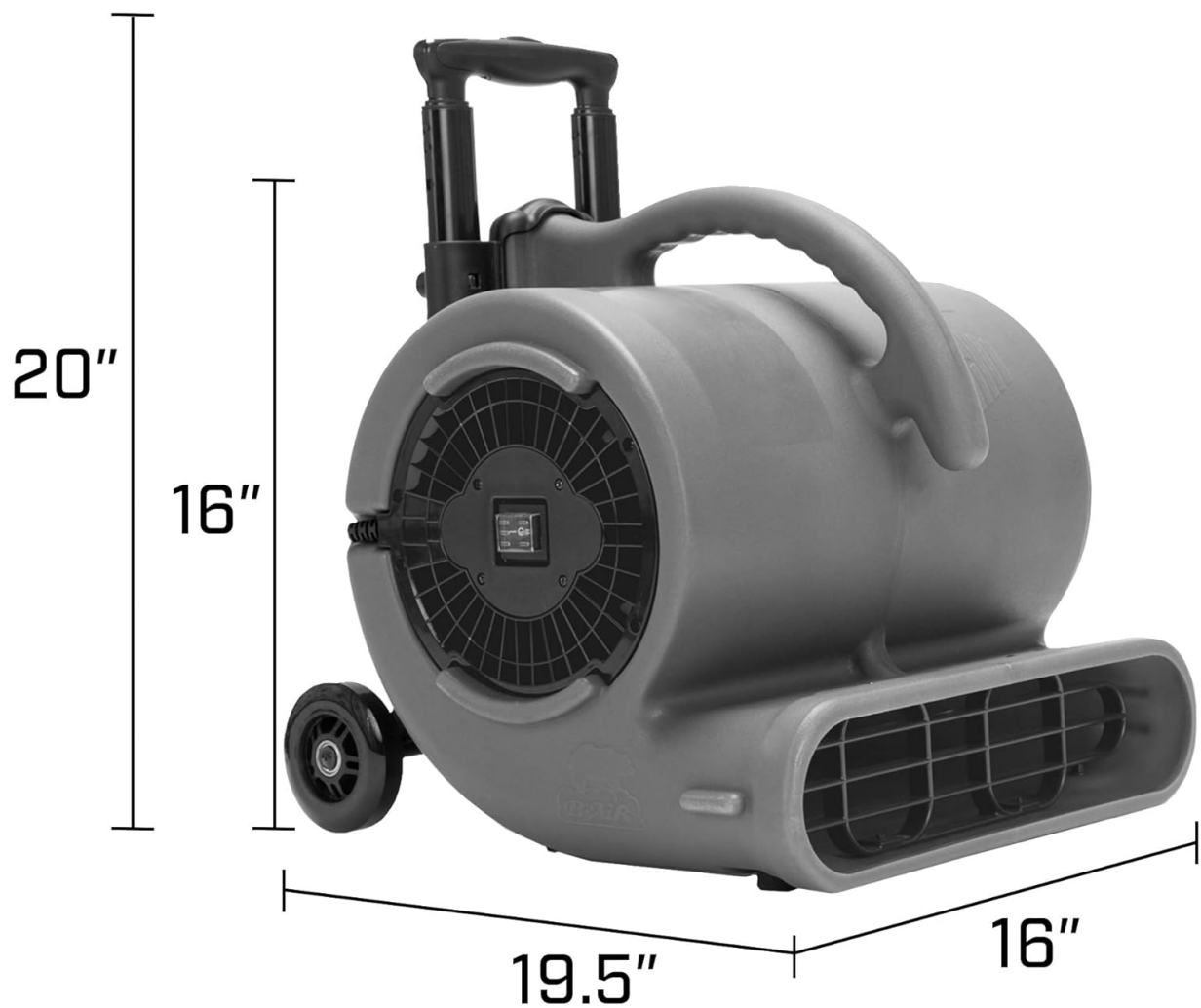


Figure 2: Dimensions of the B-Air VP-50 Air Mover, showing its compact size.

## SETUP

1. **Unpacking:** Carefully remove the air mover from its packaging. Inspect for any damage.
2. **Handle Assembly (if applicable):** If your model includes a retractable handle, ensure it is securely attached and extends/retracts smoothly. Some models may require minor assembly for the handle and wheels.
3. **Placement:** Position the air mover on a stable, level surface in the area requiring drying or air circulation. Ensure adequate clearance around the air inlets and outlets.
4. **Power Connection:** Unwind the 25 ft. power cord completely. Plug the unit into a standard 110V/60Hz grounded electrical outlet.

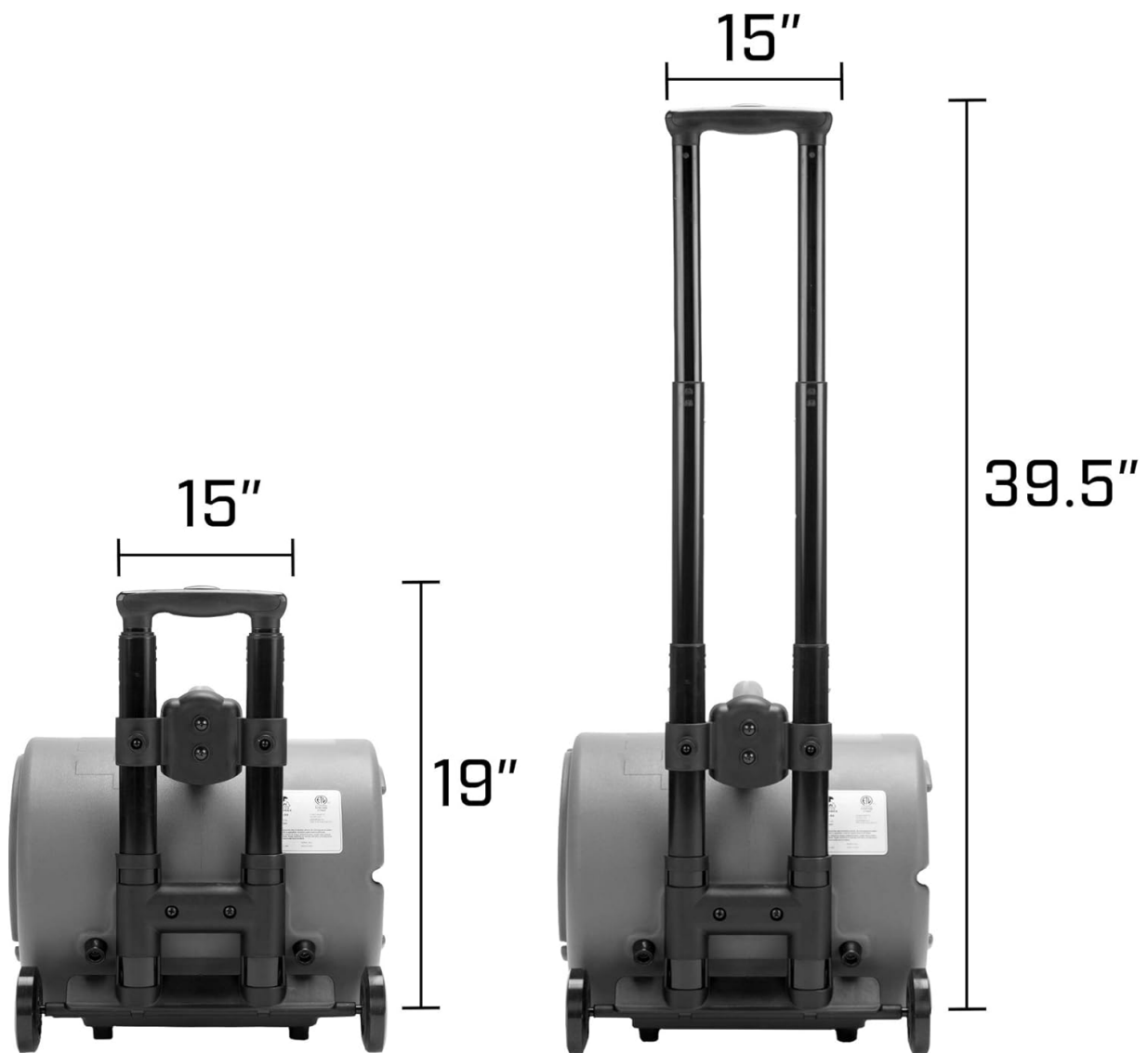


Figure 3: The B-Air VP-50 Air Mover with its handle extended for easy transport.

Video 1: Demonstration of handle assembly and basic operation on a similar air mover model. Note: This video features a SUNMAX RT900a, which is a similar product, but not the exact B-Air VP-50.

## OPERATING INSTRUCTIONS

1. **Power On:** Locate the recessed control switch on the unit. Turn the dial from the 'OFF' position to select your desired speed setting (1, 2, or 3).
2. **Speed Selection:** Choose from three available speeds to adjust the airflow intensity according to your needs. Speed 1 provides the lowest airflow, while Speed 3 provides the maximum airflow of 2950 CFM.
3. **Positioning:** The B-Air VP-50 can be positioned in multiple angles to direct airflow precisely where needed. It supports 0° (flat on the ground), 45°, and 90° (vertical) drying positions. Adjust the unit to optimize drying for floors, walls, or ceilings.
4. **Daisy-Chaining (if applicable):** The unit may feature auxiliary outlets. To connect multiple air movers, plug additional units into these outlets. Ensure the total amperage draw does not exceed the circuit breaker's limit (typically 12.0 Amps max with the unit off, 9.5 Amps max with the unit on).
5. **Power Off:** To turn off the unit, rotate the control switch dial back to the 'OFF' position. Unplug the power cord from the outlet when not in use.



Figure 4: The B-Air VP-50 Air Mover positioned to direct airflow at an angle.



Figure 5: The air mover in use, drying a bathroom floor after a water incident.

Video 2: Overview and demonstration of a heavy-duty air mover, highlighting features like GFCI outlets, cord wrap, carpet clamp, multi-positioning, and ducting capabilities. Note: This video features an OdorStop OS2800, which is a similar product, but not the exact B-Air VP-50.

## MAINTENANCE

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- **Cleaning:** Regularly wipe down the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Inlets/Outlets:** Keep the air inlets and outlets free from dust, debris, and obstructions to ensure optimal airflow and prevent overheating.
- **Power Cord:** Inspect the power cord for any signs of damage (cuts, fraying) before each use. Do not use the unit if the cord is damaged. Utilize the wrap-around cord design for neat storage.
- **Filter (Optional):** If an optional filter kit is installed, follow the manufacturer's instructions for regular cleaning or replacement to maintain air quality and unit efficiency.
- **Storage:** Store the air mover in a cool, dry place when not in use. Its stackable design allows for efficient storage of multiple units.

## TROUBLESHOOTING

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- **Unit Does Not Turn On:**
  - Check if the power cord is securely plugged into a grounded outlet.
  - Verify that the outlet is functioning by plugging in another device.

- Ensure the control switch is set to one of the speed settings (1, 2, or 3) and not 'OFF'.
- If daisy-chaining, check the circuit breaker on the unit or the wall outlet.

- **Reduced Airflow:**

- Inspect air inlets and outlets for any blockages or debris.
- If an optional filter is installed, check if it is dirty and requires cleaning or replacement.

- **Unusual Noise:**

- Turn off and unplug the unit. Inspect the fan blades for any foreign objects.
- Ensure the unit is placed on a stable, level surface to prevent vibrations.

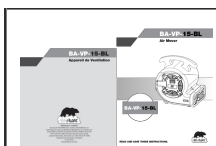
## SPECIFICATIONS

Feature	Specification
Brand	B-Air
Model Name	BA-VP-50H-GY
Output Power	1/4 HP
Air Flow Capacity	2950 CFM
Power Source	Corded Electric
Number of Power Levels	3
Item Weight	25 Pounds
Product Dimensions	20 x 26 x 24 inches
Cord Length	25 ft.
Special Feature	Water Resistant
Housing	Roto-molded
Stackability	Up to 5 units

## WARRANTY AND SUPPORT



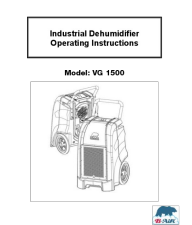
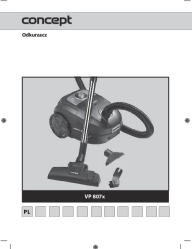

For warranty information or technical support, please refer to the documentation included with your product or contact B-Air customer service directly. Keep your purchase receipt and serial number handy for any inquiries.

## Related Documents - BA-VP-50H-GY



### [B-Air BA-VP-15-BL Air Mover User Manual and Safety Guide](#)

Comprehensive user manual for the B-Air BA-VP-15-BL Air Mover. Get detailed information on safety instructions, operation, maintenance, warranty, and troubleshooting for your B-Air air mover.

	<p><a href="#">B-Air Ventlo-25 Low Profile Air Mover Instruction Manual</a></p> <p>Comprehensive instruction manual for the B-Air Ventlo-25 Low Profile Air Mover, covering safety, operation, maintenance, specifications, parts, and troubleshooting for professional water damage restoration.</p>
	<p><a href="#">B-AIR Bear Power BPD-2 Pet Dryer Owners Manual &amp; Specifications</a></p> <p>Comprehensive owners manual and specifications for the B-AIR Bear Power BPD-2 pet dryer. Learn about usage, maintenance, warranty, and features of this powerful grooming tool.</p>
	<p><a href="#">B-Air VG 1500 Industrial Dehumidifier Operating Instructions</a></p> <p>Operating instructions for the B-Air VG 1500 industrial dehumidifier, covering safety, operation, maintenance, troubleshooting, and specifications.</p>
	<p><a href="#">Concept VP 807x Vacuum Cleaner User Manual</a></p> <p>User manual for the Concept VP 807x vacuum cleaner, covering assembly, operation, maintenance, troubleshooting, and safety instructions.</p>
	<p><a href="#">Farmers Friend Caterpillar Tunnel 14-ft Classic Pro Assembly and Instruction Manual</a></p> <p>Comprehensive assembly and instruction manual for the Farmers Friend 14-ft Classic Pro Caterpillar Tunnel, detailing rebar installation, bow assembly, purlin installation, plastic securing, and kit contents. Includes step-by-step guidance and parts lists.</p>