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TROUBLESHOOTING

# Vent VP-50

Instruction Manual

READ AND SAVE THESE INSTRUCTIONS



THANK YOU FOR PURCHASING A B-AIR PRODUCT.

## Introduction

Introducing the Vent, the next generation of centrifugal air movers! Half the size yet more formidable than its predecessors.

The unique compact design of the Vent VP-50 coupled with the balanced high velocity of air flow propels the Vent into a class of its own. With maximum amperage draw being 4.5 amps on its highest setting combined with its compact size, the Vent VP-50 takes up less space, uses less energy and gets the job done efficiently.

The rotomolded housing is durable and washable. The multipurpose design allows operating positions for horizontal, 45° and 90° angles. The balanced handle also acts as an optimum cord wrap assembly freeing the VP-50 of obstructions for secure stacking (3 units high).

### Features:

- 1/2 Horsepower Motor
- 2820 CFM of directional air flow
- 4.5 Amps
- 2 Speed / 3 Positions
- Durable Rotomolded Housing
- Ergonomic Handle / Cord Wrap Assembly
- 26 lbs, Stackable (3 units high)

PRIVATE LABEL AREA (OPTIONAL)

2 SPEED POWER SWITCH

BALANCED CARRYING HANDLE WITH CORD WRAP

INTAKE GRILL

EXHAUST OUTLET



## Operating Instructions

The B-Air Vent VP-50 Centrifugal Air Mover as packaged is ready to be placed into service.

The VP-50 is intended to be used by carpet cleaning, janitorial, sanitation, water damage restoration and construction professionals for general structural surface drying and ventilating applications.

Place the unit on the ground. Plug the unit into a grounded outlet and select the desired speed.

## Maintenance

**WARNING:** As with all electrical equipment, the unit must be disconnected from power before servicing or cleaning.

Before each use, inspect the unit for damage, blocked inlets and exhaust and for foreign material buildup.

When the Vent VP-50 is turned on, inspect the unit for excessive vibration. In the event of excessive vibration or if the fan wheel rubs against the rotomolded housing, immediately turn off the unit and have a certified technician inspect the unit.

## Servicing

In order to receive service or replacement parts under warranty, you must:

- a. Call for an RMA (Return Merchandise Authorization Number)
- b. Have proof of purchase

Upon inspection, we will advise you of the repairs needed and the cost (if applicable). B-Air will issue repair or replacement parts depending on warranty.

## Limited Warranty

Warranty covers against defects in material and craftsmanship used under normal intended use to original purchaser for a term of (1) one year from the original date of purchase including parts, labor and 1 way shipping. Housing is covered for a term of (5) five years from the date of the original purchase.

### **Important!**

Warranty does not cover signs of misuse including, but not limited to rough handling, abuse, tampering, improper voltage use and unauthorized maintenance and repairs

## Safety Information

When using industrial equipment basic precautions must be followed, not limited to the following:

- Do not put fingers or other objects in the unit while in operation and / or plugged in.
- To avoid electric shock, do not operate the unit in pooled water.
- The motor must be kept dry at all times. If the unit becomes wet, thoroughly dry it before the next operation.
- Use only a grounded plug or extension cord to avoid risk of electric shock or fire.
- Never use a cord showing any kind of damage or wear.
- Make sure the power source is sufficient to meet the requirements of the air mover.
- To prevent the unit from overheating, keep all air intake vents clear at all times.
- Clogging or blocking the air intake vents could result in a fire or electrical hazard.
- Do not remove any screens or safety guards from the unit.
- Do not operate the unit close to any dangerous areas, such as explosive gas, flammables, heaters and unventilated environments.
- Do not use aftermarket speed control devices.
- Do not use unit if showing damage.
- Before cleaning or servicing, unplug the unit.
- Unplug unit when not in use.
- Do not allow children to play with or near the unit.
- Do not sit or stand on the unit.
- Do not operate units in stacked position.
- Make sure that hands are dry before handling the unit or power cord.
- All units must be monitored while in use.
- Only a qualified electrician should attempt to repair / replace any electrical components.

## Power Requirements

### Cords

Use 3 pronged adaptors that are UL and CE approved and no less than 14-3 with Ground Fault Circuit Interrupter (G.F.C.I.).

Do not use cords that show any kind of wear or damage.





















Cords are not covered by warranty.

### Warning!

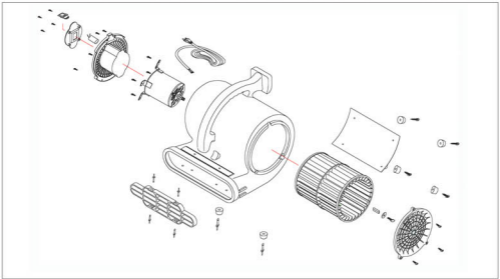
The total amperage of the Vent VP-50 Air Mover plus all other devices plugged into the receptacle must not exceed 12 amps.

# Vent VP-50

## PART LIST

A. Housing		X1
B. Motor		X1
C. Capacitor		X1
D. Fan		X1
E. Air Guide Blade		X1
F. Air Intake Grill (F)		X1
G. Air Exhaust Grill		X1
H. Air Intake Grill (M)		X1
I. Switch Cover		X1
J. Switch		X1
K. Power Cord		X1
L. Rubber Feet		X2
M. Rubber Feet		X4
N. Screw 4x10mm		X4
O. Screw 4x20mm		X7
P. Screw 6x14mm		X4
Q. Rivet 4x19mm		X4
R. Rivet 5x19mm		X2
S. Screw 5x20mm		X4
T. Screw 6x21mm		X1

# Explosion of Vent VP-50



## Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor Not Running	a) Switch is OFF b) Bad Outlet c) Faulty Switch/Cord	a) Turn Switch ON b) Check Outlet/ Change to Another Outlet c) Call Factory for new Switch/Replace Cord
Scraping Noise From blade	a) Fan blade loose	a) Call Factory for Replacement Advise

## Specifications

VOLTS	115 V	230 V
CYCLE	60 Hz	50 Hz
MAX AIR VOLUME	2820CFM	2480CFM
AMPS	4.5A	2.1A
MAX STATIC PRESSURE	2.5"	1.9"
WEIGHT NET/SHIP	25/28 LBS	25/28 LBS
UNIT SIZE (LxWxH)	16"x14.5"x15.5"	16"x14.5"x15.5"
WHEEL SPEED (RPM)	L1520/H1700	L1260/H1440
MOTOR	1/2 HP	1/2 HP
ATTACHED CORD	25 FT/18AWG	25 FT/1.0MM <sup>2</sup>
SPEEDS	2	2

# WARRANTY REGISTRATION

Please complete and mail or fax your product warranty registration card. For multiple units, please list serial numbers on a separate sheet.

THIS WARRANTY CARD AND YOUR BILL OF SALE MUST BE PRESENTED FOR WARRANTY SERVICE.

Your Company Name \_\_\_\_\_

Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

## Vent VP-50

Serial Number \_\_\_\_\_ Date of Purchase \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Purchased From \_\_\_\_\_

Additional Comments/Suggestions \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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PLACE  
STAMP  
HERE



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