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Flex FX-1

Instruction Manual

READ AND SAVE THESE INSTRUCTIONS



THANK YOU FOR PURCHASING A B-AIR PRODUCT.

Introduction to Flex FX-1

The Flex (FX-1) is a powerful miniature air mover that gets into small spaces where standard air movers cannot reach. The Flex FX-1 is lightweight (11 lbs) and comes with a built-in handle for easy carrying.

Use the Flex FX-1's versatile design in 3 different angles (horizontally, vertically or 90°) to allow air flow in any direction.

B-Air Flex FX-1 Air Mover

- **Delivers over 370 CFM of directional air flow**
- **Daisy Chain Capable, up to (4) four units with an on-board G.F.C.I. Outlet**
- **Lightweight (11 lbs)**
- **12 ft Power Cord**
- **Safety Screen on Open Vents.**

Operation/Use

EXHAUST HOUSING

POWER SWITCH

AIR OUTLET

POWER CORD PLUG



CARRYING HANDLE



GFCI PLUG

AIR INTAKE

RUBBER FEET

Safety

- 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

Daisy Chaining

The Flex FX-1 Air Mover draws 2.6 amps. The 15 amp on-board circuit breaker will allow four (4) B-Air Flex FX-1 Air Movers on one (1) circuit.

Resettable Circuit Breaker

The thermal response resettable circuit breaker protects the unit and connected daisy chained devices.

The circuit breaker is designed to sense the total current drawn through the circuit. When more than 15 amps of electricity current are drawn through the unit's power cord, the circuit breaker trips.

G.F.C.I.

(Ground Fault Circuit Interrupter) protection promotes operator safety during applications. G.F.C.I. devices "trip" when a fault to the electrical ground is sensed. A tripped G.F.C.I. can be reset only when the unit is connected to a wall outlet providing standard voltage. Reset the tripped G.F.C.I. by pressing the "RESET" BUTTON.

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 Flex FX-1 Air Mover plus all other devices plugged into the receptacle must not exceed 15 amps.

Duct Drying Kit

The Flex FX-1 comes with a mounting lip located on the air outlet for the option of attaching the Cub Duct Drying Kit (#CDDK) to the unit. The Cub Duct Drying Kit mounts onto the FX-1's air outlet and directs air through a flexible hose for a more concentrated directional air flow. Cub Duct Drying Kit (#CDDK) sold separately.

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!

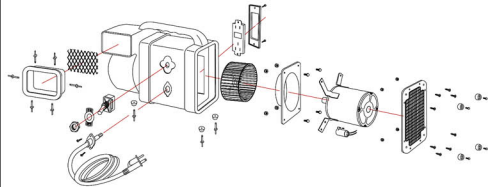
Warranty does not cover signs of misuse including, but not limited to rough handling, abuse, tampering, improper voltage use and unauthorized maintenance and repairs.

Flex FX-1

PART LIST

A. Housing		X1
B. Motor		X1
C. Capacitor		X1
D. Fan		X1
E. Air Intake Grill		X1
F. Air Guide Blade		X1
G. Exhaust Wire Mesh Screen		X1
H. Louver		X1
I. Power Cord		X1
J. Switch		X1
K. GFCI Receptacle		X1
L. GFCI Cover		X1
M. Rubber Feet (Housing)		X3
N. Rubber Feet (Grill)		X4
O. Rivet 3x10mm		X6
P. Rivet 4x13mm		X3
Q. Screw 3x16mm		X2
R. Screw 4x16mm		X8
S. Screw 4x20mm		X2
T. Screw 5x22mm		X4
U. Screw 6x18mm		X4
V. Nut M5		X4
W. Nut M6		X4

Explosion of Flex FX-1



Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor Not Running	a) Switch is OFF	a) Turn Switch ON
	b) Bad Outlet	b) Check Outlet/ Change to Another Outlet
	c) Faulty Switch/Cord	c) Call Factory for new Switch/Replace Cord
Scraping Noise From Blower	a) Wheel Out Of Line	a) Call Factory for Replacement Advise
Weak Air Flow	a) Obstructed Vents/Inlets	a) Clean Out Vents/Inlets

Specifications

VOLTS	115V
CYCLE	60 Hz
MAX AIR VOLUME	375 CFM
AMPS	2.6 A
MAX STATIC PRESSURE	2.8 INCH
WEIGHT NET/SHIP	11/12 LBS
UNIT SIZE (L x W x H)	10.5 x 10 x 8.5 INCH
WHEEL SPEED (RPM)	3400
MOTOR	1/4 HP
ATTACHED CORD	12FT

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 _____

Flex FX-1

Serial Number _____ Date of Purchase ____/____/____

Purchased From _____

Additional Comments/Suggestions _____



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PLACE
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