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.
A. Housing

B. Motor

C. Capacitor

D. Fan

E. Air Intake Grill

F. Air Guide Blade

G. Exhaust Wire Mesh Screen

H. Louver

I. Power Cord

J. Switch

K. GFCI Receptacle

L. GFCI Cover

M. Rubber Feet (Housing)

N. Rubber Feet (Grill)

O. Rivet 3x10mm

P. Rivet 4x13mm

Q. Screw 3x16mm

R. Screw 4x16mm

S. Screw 4x20mm

T. Screw 5x22mm

U. Screw 6x18mm

V. Nut M5

W. Nut M6
**Troubleshooting**

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

**Specifications**

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

_____________________________________________________________________________________

B-Air

550 South Ayon Ave. Azusa, CA 91702

1-877-800-2247 (BAIR)

Fax: (626) 385-3307

Email: info@b-air.com

Web site: www.b-air.com