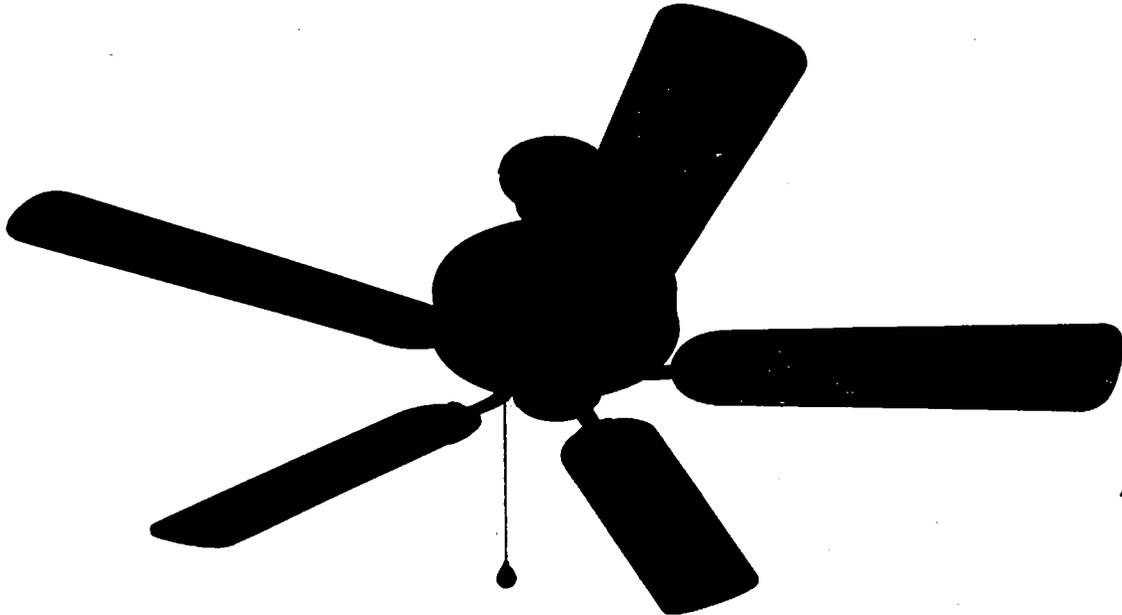




CLASSIC STYLE/CEILING FAN
 CLASSIC STYLE/VENTILADOR DE TECHO (página 11)

MODEL/MODELO #BDB52ABZC5P

Harbor Breeze® is a registered trademark
 of LF, LLC. All Rights Reserved.



⚠ WARNINGS

- Read and save these instructions.
- Read this manual carefully and completely before attempting to assemble, install or operate this product.
- Be sure you read and understand the Safety Information on page 3 of these instructions.
- Do not discard fan carton or foam inserts. Should this fan need to be returned to the factory for repairs, it must be shipped in its original packaging to ensure proper protection against damage that might exceed the initial cause for return.
- **⚠ CAUTION:** Before proceeding, be sure to shut off electricity at main switch or circuit breaker in order to avoid electrical shock.
- **⚠ WARNING:** To reduce the risk of fire or electric shock, do not use this fan with variable speed switch.
- **⚠ WARNING:** To reduce the risk of fire, electric shock, or personal injury, do not bend the blade arms when installing them, balancing the blades, or cleaning the fan. Do not insert foreign objects between the rotating fan blades. Mount to outlet box marked "ACCEPTABLE FOR FAN SUPPORT" and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.



Questions, problems, missing parts? Before returning to your retailer, call or contact our customer service department at 1-800-527-1292, 8:30 a.m.-5:00 p.m., CST, Monday-Friday or www.litexfans.com.

TABLE OF CONTENTS

Safety Information3

Package Contents4

Preparation5

Initial Installation5

Downrod Style Fan Mounting6

Closemount Style Fan Mounting6

Wiring7

Final Installation7 - 8

Fan Operation8 - 9

Care and Maintenance9

Troubleshooting9

Warranty10

SAFETY INFORMATION

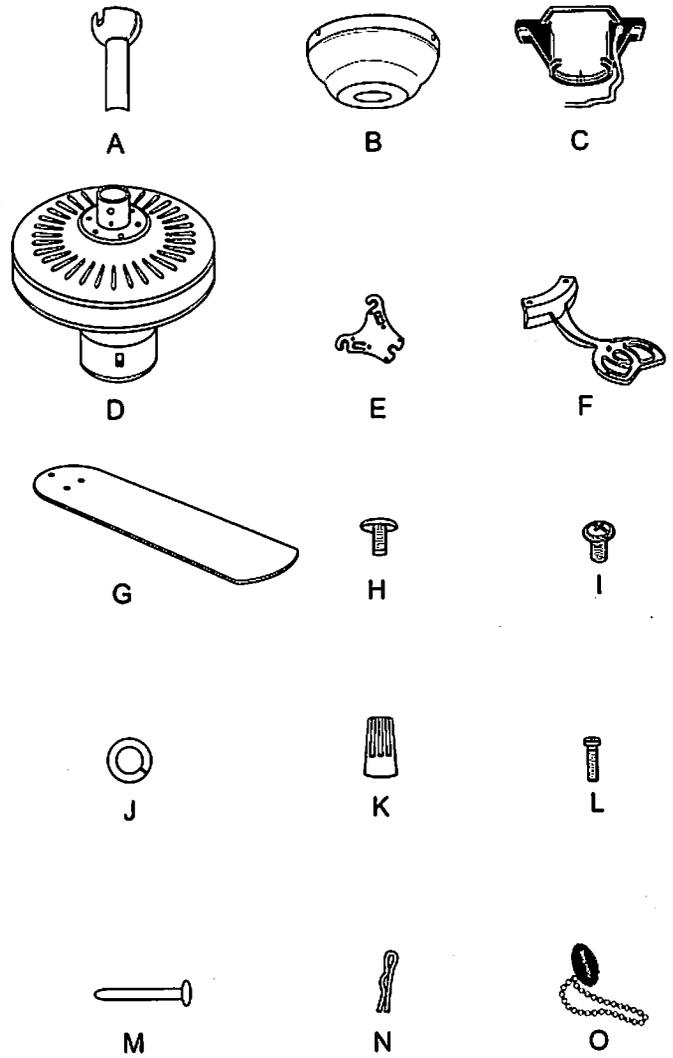
Please read and understand this entire manual before attempting to assemble, install or operate the product. If you have any questions regarding the product, please call customer service at 1-800-527-1292, 8:30 a.m.-5:00 p.m., CST, Monday-Friday.

1. Before you begin installing the fan, disconnect the power by removing fuses or turning off circuit breakers.
2.  **CAUTION:** Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
3. Make sure that all electrical connections comply with local codes, ordinances, or the National Electrical Code. Hire a qualified electrician or consult a do-it-yourself wiring handbook, available at Lowe's, if you are unfamiliar with installing electrical wiring.
4. Make sure the installation site you choose allows a minimum clearance of 7 feet from the blades to the floor and at least 30 in. from the end of the blades to any obstruction.
5. If you are mounting the fan to a ceiling outlet box, use a METAL octagonal outlet box. Secure the box directly to the building structure. The outlet box and its support must be able to support the moving weight of the fan (at least 35 lbs.). Do NOT use a plastic outlet box.
6. After you install the fan, make sure that all connections are secure to prevent the fan from falling.
7. Instructions for supply connections: conductor of a fan identified as grounded conductor to be connected to a grounded conductor of power supply; conductor of a fan identified for equipment grounding to be connected to an equipment-grounding conductor.
8.  **WARNING:** To reduce the risk of fire, electrical shock, or personal injury, wire connectors provided with this fan are designed to accept only one 12 gauge house wire and two lead wires from the fan. If your house wire is larger than 12 gauge or there is more than one house wire to connect to the two fan lead wires, consult an electrician for the proper size wire connectors to use.
9.  **WARNING:** To reduce the risk of fire or electric shock, do not use this fan with a variable speed switch.
10.  **WARNING:** To reduce the risk of fire, electric shock, or personal injury, do not bend the blade arms when installing them, balancing the blades, or cleaning the fan. Do not insert foreign objects between the rotating fan blades. Mount to outlet box marked "ACCEPTABLE FOR FAN SUPPORT" and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
11. The net weight of this fan is: 16.03 lbs (7.27 kg).

PACKAGE CONTENTS

Part	Description	Quantity
A	Downrod	1
B	Canopy	1
C	Mounting Bracket	1
D*	Motor Housing	1
E**	Plastic Locking Mechanism	5
F	Blade Arm	5
G	Blade	5
H	Motor Screw (in motor)	10
I	3/16 Blade Screw (pre-installed in blade arm)	15
J	5.4M/M Lock Washer (in motor)	10
K	E3 Wire Connector (in hardware pack)	4
L	Canopy Mounting Screw (attached to mounting bracket)	4
M	Pin (in motor housing yoke)	1
N	Clip (attached to pin)	1
O	Pull Chain Extension (in hardware pack)	1

⚠ IMPORTANT REMINDER: You must use the parts provided with this fan for proper installation and safety. **⚠**



NOTE:

For replacement parts, call our customer service department at 1-800-527-1292, 8:30 a.m.-5:00 p.m., CST, Monday-Friday. When ordering parts, please have the Model # or Item # of the fan available, which can be found on page 1.

* The part denoted with an asterisk (*) above is NOT replaceable.

** US Pat. No. 7351037

PREPARATION

1. Before beginning assembly and installation of product, make sure all parts are present. Compare parts with "Package Contents" list and diagrams on the previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts as indicated at the bottom of page 4.

Estimated Assembly Time: 120 minutes

Tools Required for Assembly (not included): electrical tape, Phillips screwdriver, pliers, safety glasses, stepladder and wire strippers

Helpful Tools (not included): AC tester light, tape measure, do-it-yourself wiring handbook, available at Lowe's, and wire cutters

⚠ WARNING: When using an existing outlet box, make sure the box is securely attached to the building structure and can support the full weight of the fan. Failure to do this can result in serious injury or death.

2. After opening top of carton, remove mounting hardware package from foam inserts. Remove motor from packing and place on carpet or on foam to avoid damage to finish.

⚠ CAUTION: Carefully check all screws, bolts and nuts on fan motor assembly to ensure that they are secured.

INITIAL INSTALLATION

1. Turn off circuit breakers and wall switch to the fan supply line leads. [Fig. 1]

⚠ Warning: Failure to disconnect power supply prior to installation may result in serious injury or death.

2. Determine mounting method to use. [Fig. 2]
A. Downrod mount (normal or angled ceiling)
B. Closemount (normal ceiling only)

Important: If using the angle mount, check to make sure the ceiling angle is not steeper than 19°.

3. Check to make sure blades (G) are at least 30 in. from any obstruction. Check downrod (A) length to ensure blades (G) are at least 7 ft. above the floor. [Fig. 3]

4. Secure mounting bracket (C) to outlet box using screws, spring washers, and flat washers (size 8 or M5) provided with the outlet box. [Fig. 4]

***Note:** It is very important that you use the proper hardware when installing the mounting bracket (C) as this will support the fan. Please make certain that you purchase any hardware that is missing in order to install the mounting bracket (C) properly.

Important: If using the angle mount, make sure open end of mounting bracket (C) is installed facing the higher point of the ceiling.

5. Remove motor screws (H) and lock washers (J) from underside of motor. If necessary, discard plastic. [Fig. 5]

Follow mounting instructions on page 6 depending on mounting method (A or B) chosen in Step 2 above.

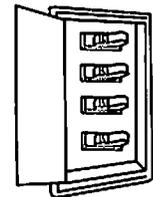


Fig. 1

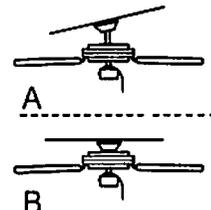


Fig. 2

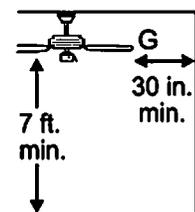


Fig. 3

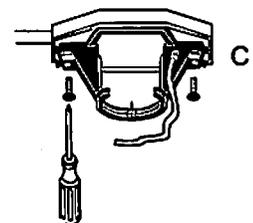


Fig. 4

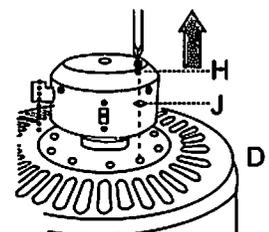


Fig. 5

DOWNROD STYLE FAN MOUNTING

1. Insert downrod (A) through canopy (B). Thread wires from motor housing (D) through downrod (A). [Fig. 1]

***Helpful Hint:** Downrod style mounting is best suited for ceilings 8 ft. (2.44 m) high or higher. For taller ceilings you may want to use a longer downrod (not included). Angle style mounting is best suited for angled or vaulted ceilings. A longer downrod is sometimes necessary to ensure proper blade clearance.

2. Remove pin (M) and clip (N) from motor housing yoke. Slip downrod (A) into motor housing yoke, align holes and re-install pin (M) and clip (N). Tighten downrod (A) set screws and then tighten nuts. [Fig. 2]

3. Install ball end of downrod (A) into mounting bracket (C) opening. Align slot in ball with tab in mounting bracket (C). [Fig. 3]

⚠ Warning: Failure to align slot in ball with tab may result in serious injury or death.

Continue to "Wiring" instructions on page 7.

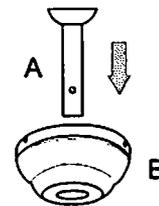


Fig. 1

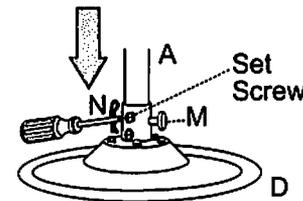


Fig. 2

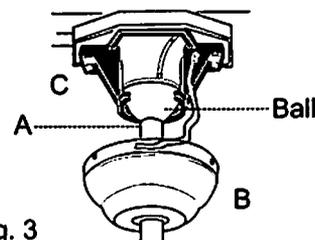


Fig. 3

CLOSEMOUNT STYLE FAN MOUNTING

1. Remove canopy ring from bottom of canopy (B). [Fig. 1]

***Helpful Hint:** Close style mounting is more suitable for ceilings lower than 8 ft. (2.44 m) high. The downrod (A), hanging ball, and canopy ring are not used in this type of installation.

2. If necessary, remove every other screw and lock washer from top of motor housing (D). (If there are only three screws and lock washers in top of motor housing (D), the other three screws and lock washers will be located in one of the hardware packs.) [Fig. 2]

Remove pin (M), clip (N) and set screws from motor housing yoke. [Fig. 2]

3. Pull wires through the canopy hole and attach canopy (B) to motor housing (D) using the three screws and three lock washers mentioned in the first paragraph of the previous step. [Fig. 3]

4. Hang motor housing (D) on the tab on the mounting bracket (C) using one of the non-slotted holes in the canopy (B). [Fig. 4]

Continue to "Wiring" instructions on page 7.

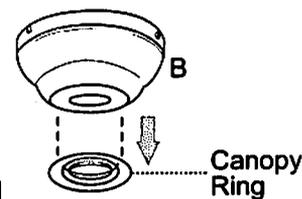


Fig. 1

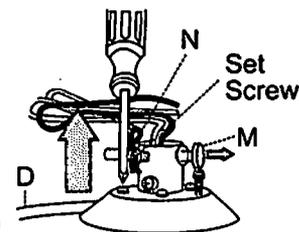


Fig. 2

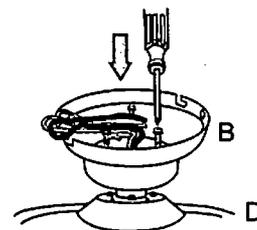


Fig. 3



Fig. 4

⚠ WARNING: To reduce the risk of fire, electrical shock, or personal injury, wire connectors provided with this fan are designed to accept only one 12 gauge house wire and two lead wires from the fan. If your house wire is larger than 12 gauge or there is more than one house wire to connect to the two fan lead wires, consult an electrician for the proper size wire connectors to use.

⚠ Important: Be sure wiring box is properly grounded or that a ground wire (green or bare) is present.

⚠ Warning: If house wires are different colors than referred to in the following steps, stop immediately. A professional electrician is recommended to determine wiring.

1. Connect **BLACK** and **BLUE** wire from fan to **BLACK** wire from ceiling with wire connector (K) provided. Connect **WHITE** wire from fan to **WHITE** wire from ceiling with wire connector (K) provided. Connect all **GROUND (GREEN)** wires together from fan to **BARE/GREEN** wire from ceiling with wire connector (K) provided. [Fig. 1] (*Make special note of Step 3 below while wiring.*)

Note: Black wire is hot power for fan. Blue wire is hot power for light kit. White wire is common for fan and light kit. Green or bare wire is ground.

2. If using downrod style mounting, connect green wire from downrod (A) to green wire on mounting bracket (C). [Fig. 2]

3. Strip 3/4 of an inch of insulation from ends of white wire. Twist stripped ends of each strand of wire within the insulation with pliers. [Fig. 3] Snip ends after twisting strands together. Repeat for black, blue (if applicable) and green wires.

4. Screw wire connectors (K) on in a clockwise direction. Wrap electrical tape around each wire connector (K) down to the wire as shown in Fig. 4.

⚠ Warning: Make sure no bare wire or wire strands are visible after making connections. Place green and white connections on opposite side of box from the black and blue (if applicable) connections.

Turn spliced/taped wires upward and gently push wires and wire connectors (K) into outlet box.

FAN AND LIGHT CONTROLLED BY CHAIN.

Fig. 1

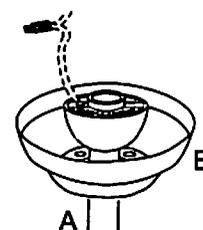
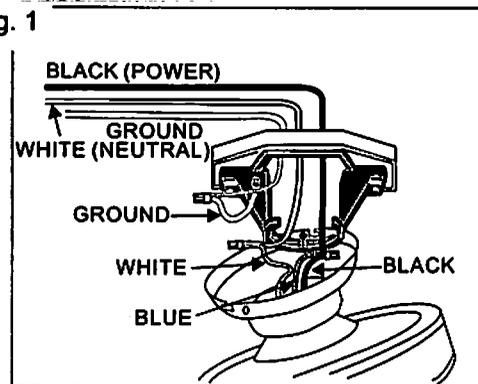


Fig. 2

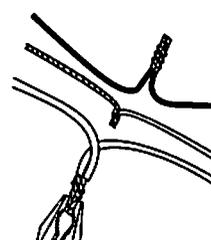


Fig. 3

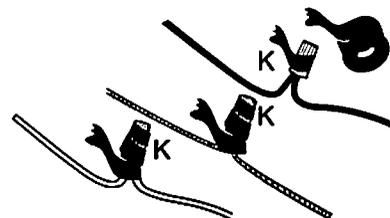


Fig. 4

FINAL INSTALLATION (continued on next page)

1. Temporarily lift canopy (B) to mounting bracket (C) to determine which two canopy mounting screws (L) in mounting bracket (C) align with slotted holes in canopy (B) and partially loosen these two screws (L). Remove the other two screws (L). Now, lift canopy (B) to mounting bracket (C) again, aligning slotted holes in canopy (B) with loosened screws (L) in mounting bracket (C). Twist canopy (B) to lock. Re-insert the screws (L) that were just removed. Tighten all screws (L) securely. [Fig. 1]

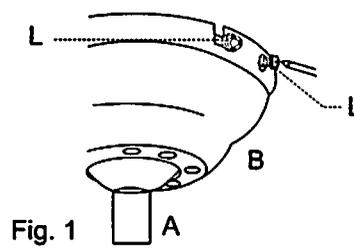
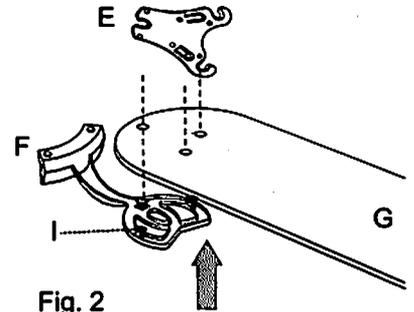


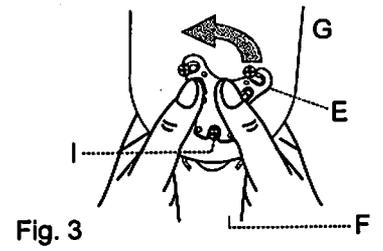
Fig. 1

FINAL INSTALLATION (continued from previous page)

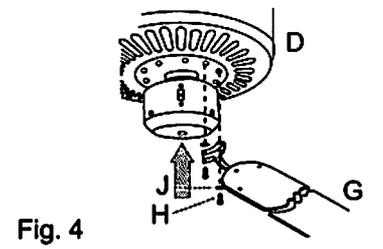
2. Align the three blade screws (I), pre-installed on the blade arm (F), with the three holes on the blade (G). Press up on the blade arm (F) firmly so that the blade screws (I) come through the holes in the blade (G). *Be careful not to use so much force that the blade arm (F) bends.* [Fig. 2] Repeat for each blade arm (F).



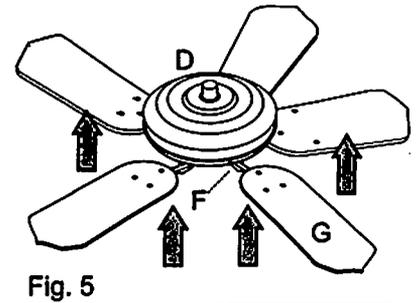
3. Place the plastic locking mechanism (E) on the opposite side of the blade (G) as the blade arm (F) [refer to Fig. 2], with the shorter end toward the end of the blade (G) and against the blade screw (I) on the end as shown in Fig. 3. Rotate plastic locking mechanism (E) counterclockwise to lock plastic locking mechanism (E) into place. Repeat for each blade (G).



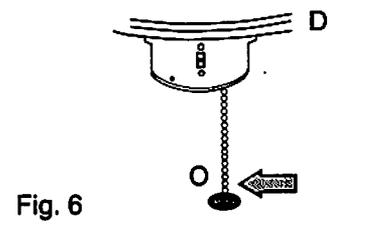
4. Insert only one motor screw (H) through blade arm (F) to attach blade arm (F) to motor using one of the lock washers (J) and one of the motor screws (H) that were previously removed (Step 5, page 5). Partially tighten motor screw (H). [Fig. 4] Repeat with remaining blade arms (F).



5. Insert remaining motor screws (H), along with lock washers (J). [Fig. 5] Tighten all motor screws (H) securely.

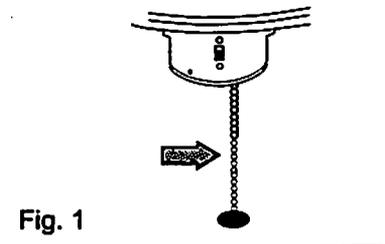


6. Pull chain extension (O) supplied in one of the hardware packs or custom pull chain extension (not included) may be attached to fan pull chain. [Fig. 6]



FAN OPERATION (continued on next page)

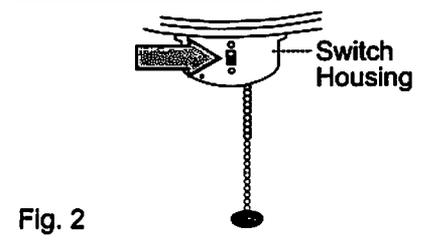
1. The fan pull chain has four positions to control fan speed. One pull is HIGH, two pulls is MEDIUM, three is LOW and four turns the fan OFF. [Fig. 1]



2. Use the fan reverse switch*, located on the switch housing, to optimize your fan for seasonal performance. [Fig. 2]

Note: Wait for fan to stop before moving the reverse switch.

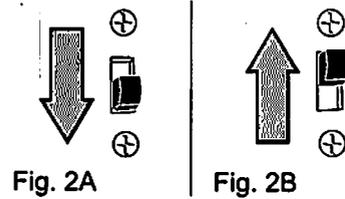
*See next page for more information on the reverse switch.



FAN OPERATION (continued from previous page)

2A. In warmer weather, *counterclockwise* movement of the fan will result in downward airflow creating a wind chill effect. [Fig. 2A]

2B. In cooler weather, *clockwise* movement of the fan will result in upward airflow that can help move stagnant, hot air off the ceiling area. [Fig. 2B]



CARE AND MAINTENANCE

At least twice each year, lower canopy (B) to check downrod (A) assembly, and then tighten all screws on the fan. Clean motor housing (D) with only a soft brush or lint-free cloth to avoid scratching the finish. Clean blades (G) with a lint-free cloth. You may occasionally apply a light coat of furniture polish to wood blades for added protection.

Important: Shut off main power supply before beginning any maintenance. Do not use water or a damp cloth to clean the ceiling fan.

TROUBLESHOOTING

Warning: Before beginning work, shut off the power supply to avoid electrical shock.

Problem	Possible Cause	Corrective Action
Fan does not move.	<ol style="list-style-type: none"> 1. Reverse switch not engaged. 2. Power is off or fuse is blown. 3. Faulty wire connection. 	<ol style="list-style-type: none"> 1. Push switch firmly either way. 2. Turn power on or check fuse. 3. Turn power off. Loosen canopy (B) and check all connections.
Noisy operation.	<ol style="list-style-type: none"> 1. Blades (G) are loose. 2. Cracked blade (G). 3. Unapproved speed control. 	<ol style="list-style-type: none"> 1. Tighten all blade screws (I). 2. Replace blade (G). 3. Replace with an approved speed control device.
Excessive wobbling.	<ol style="list-style-type: none"> 1. Blades (G) are loose. 2. Blade arms (F) incorrectly attached. 3. Unbalanced blades (G). 4. Fan not securely mounted. 5. Fan too close to vaulted ceiling. 6. Set screw(s) on motor housing yoke is (are) not tightened properly. 7. Set screw on hanging ball is not tightened properly. 	<ol style="list-style-type: none"> 1. Tighten all blade screws (I). 2. Re-install blade arms (F). 3. Switch one blade (G) with a blade (G) from the opposite side. 4. Turn power off. Carefully loosen canopy (B) and verify that mounting bracket (C) is secure. 5. Use a longer downrod (A) or move fan to another location. 6. Tighten yoke set screw(s) securely. 7. Carefully loosen and lower canopy (B) and verify that set screw on hanging ball is tightened securely.

Note: A small amount of "wobble" is normal and should not be considered a defect.

WARRANTY

LIMITED LIFETIME WARRANTY: Litex Industries warrants this fan to be free from defects in workmanship and materials present at time of shipment from the factory for Lifetime limited from the date of purchase. This warranty applies only to the original purchaser. Litex Industries agrees to correct any defect at no charge or, at our option, replace the ceiling fan with a comparable or superior model.

To obtain warranty service, present a copy of your sales receipt as proof of purchase. All cost of removal and reinstallation are the express responsibility of the purchaser. Any damage to the ceiling fan by accident, misuse or improper installation, or by affixing accessories not produced by the manufacturer of this fan, are the purchaser's own responsibility. Litex Industries assumes no responsibility whatsoever for fan installation during the limited lifetime warranty. Any service performed by an unauthorized person will render the warranty invalid.

Due to varying climatic conditions, this warranty does not cover changes in brass finish, rusting, pitting, tarnishing, corroding or peeling. Brass finish fans maintain their beauty when protected from varying weather conditions. Any glass provided with this fan is not covered by the warranty.

Any replacement of defective parts for the ceiling fan must be reported within the first year from the date of purchase. For the balance of the warranty, call our customer service department (at 1-800-527-1292) for return authorization and shipping instructions so that we may repair or replace the ceiling fan. Any fan or parts returned improperly packaged is/are the sole responsibility of the purchaser. There is no further express warranty. Litex Industries disclaims any and all implied warranties. The duration of any implied warranty which cannot be disclaimed is limited to the limited lifetime period as specified in our warranty. Litex Industries shall not be liable for incidental, consequential or special damages arising at or in connection with product use or performance except as may otherwise be accorded by law. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties.