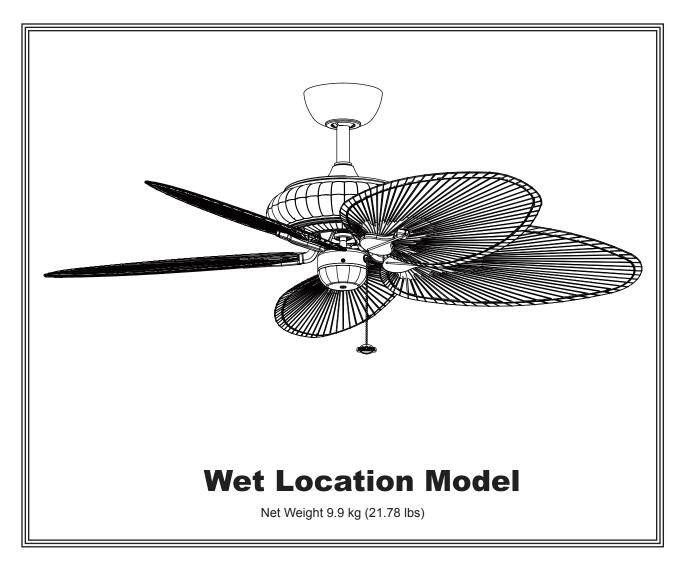
# The Belleria®

# **Ceiling Fan**



Model No. FP4320\*\*1

# OWNER'S MANUAL READ AND SAVE THESE INSTRUCTIONS

#### **Important Safety Instructions**

#### WARNING: To avoid fire, shock and serious personal injury, follow these instructions.

- 1. Read your owner's manual and safety information before installing your new fan. Review the accompanying assembly diagrams.
- 2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
- 3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
- 4. Do not insert anything into the fan blades while the fan is operating.
- 5. Do not operate reversing switch until fan blades have come to a complete stop.

#### **Additional Safety Instructions**

- 1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
- 2. All wiring and installation procedures must satisfy National Electrical Codes (ANSI/ NFPA 70-1999) and Local Codes. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
- 3. The fan base must be securely mounted and capable of reliably supporting at least 50 lbs. Consult a qualified electrician if in doubt.
- 4. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
- 5. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not have adequate electrical knowledge or experience, have your fan installed by licensed electrician.

WARNING: TO REDUCE THE RISK OF SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

**WARNING:** This product is designed to use only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.

**WARNING:** To reduce the risk of personal injury, do not bend the blade bracket (flange or blade holder) when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

#### LIMITED LIFETIME WARRANTY

Extends to the original purchaser of a Fanimation Fan

- 1. LIMITED LIFETIME MOTOR WARRANTY If any part of your fan motor fails, due to a defect in materials or workmanship during the lifetime of the original purchaser, Fanimation will provide the replacement part free of charge, when the defective fan is returned to our national service center. Proof of purchase is required. Customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs or replacement.
  2. ONE YEAR MOTOR LABOR WARRANTY If your fan motor fails at any time within one year from the original purchase, due to
- 2. ONE YEAR MOTOR LABOR WARRANTY If your fan motor fails at any time within one year from the original purchase, due to defects in materials or workmanship, labor to repair the motor will be provided free of charge at our national service center. Purchaser will be responsible for labor charges after this one-year period. Customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs or replacement.
- If any other part of your fan fails at any time within one year after original purchase, due to a defect in materials or workmanship, we will repair, or replace, at our option, the defective part free of charge for parts and labor performed at our national service center.
   Because of varying climate conditions, this warranty does not cover changes in the finish, including rusting, pitting, corroding,
- 4. Because of varying climate conditions, this warranty does not cover changes in the limsh, including rusting, pitting, corroding, tarnishing, or peeling.
- 5. This warranty is void and does not apply to damage from improper installation, neglect, accident, misuse, exposure to extremes of heat or humidity, or as a result of any modification to the original product.
- 6. All costs of removal and reinstallation of the fan are the sole responsibility of the owner of the fan and not the store that sold the fan or Fanimation.
- 7. Fanimation reserves the right to modify or discontinue any product at any time and may substitute any part under this warranty.
- 8. Under no circumstances may a fan be returned without prior authorization from Fanimation. The receipt of purchase must accompany authorized returns and must be sent freight prepaid to Fanimation. The fan to be returned must be properly packed to avoid damage in transit; Fanimation will not be responsible for any damage resulting from improper packaging.

  9. It is understood that any repair or replacement is the exclusive remedy available from Fanimation. There is no other expressed or
- 9. It is understood that any repair or replacement is the exclusive remedy available from Fahlmation. There is no other expressed or implied warranty. Fanimation hereby disclaims any and all implied warranties, including, but not limited to those of merchantability and fitness for a particular purpose to the extent permitted by law. Some states do not allow limitations on implied warranties. Fanimation will not be liable for incidental, consequential, or special damages arising out of or in conjunction with product use or performance, except as may otherwise be accorded by law. This warranty gives you special legal rights and you may also have other rights that vary from state to state.
- 10. A certain amount of wobble is normal and should not be considered a problem or a defect.

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#### This Manual is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate, and Maintain Your Ceiling Fan **Tools Needed for Assembly** Materials

- One Phillips head screwdriver
   One wire stripper
- · One stepladder
- One 1/4" blade screwdriver
- Four wire connectors (supplied)

#### Wiring outlet box and box connectors must be of type required by local code. The minimum wire would be a 3conductor (2-wire with ground) of the following size:

Installed Wire Length	Wire Size A.W.G.		
Up to 50 ft.	14		
50 - 100 ft.	12		

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer.

#### **▲ WARNING**

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 4). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

# **Unpacking Instructions**

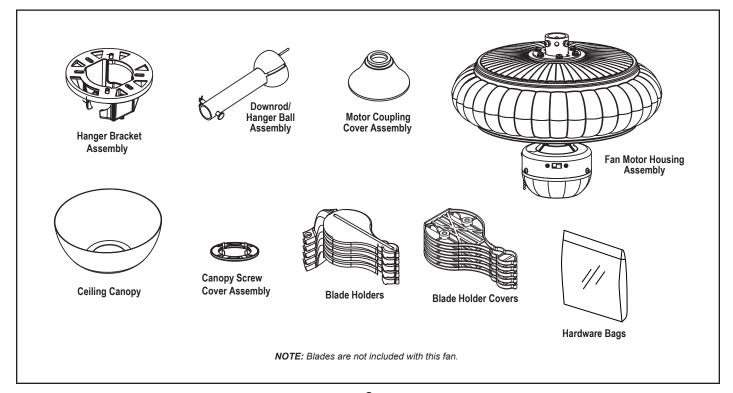
For your convenience, check-off each step. As each step is completed, place a check mark. This will ensure that all steps have been completed and will be helpful in finding your place should you be interrupted.

#### **A WARNING**

Do not install or use fan if any part is damaged or missing. This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Fanimation. Substitution of parts or accessories not designated for use with this product by Fanimation could result in personal injury or property damage. Contact your retail store for missing or damaged parts.

- 1. Check to see that you have received the following parts:
- **NOTE:** If you are uncertain of part description, refer to exploded view illustration. (Figure 1, page 11)

- · Fan Motor/Housing assembly
- Hanger Bracket Assembly
- Wet Downrod/Hanger Ball assembly
- Ceiling Canopy
- Motor Coupling Cover Assembly
- Blade Holders (5)
- Blade Holder Covers (5)
- Hardware bag:
  - Eleven ¼-20 x 5/8" (blade holder to fan motor hub) screws with lockwashers
  - Eleven 3/16-24 x 10mm (blade to blade holder) washer-head screws
  - Four wire connectors
  - Phillips screwdriver, 4"
  - Chain Coupler
  - Chain Fob
  - Balance Kit
  - Two 8-32 junction box screws
  - "T" Allen Wrench



# **Energy Efficient Use of Ceiling Fans**

Ceiling fan performance and energy savings rely heavily on the proper installation and use of the ceiling fan. Here are a few tips to ensure efficient product performance.

#### **Choosing the Appropriate Mounting Location**

Ceiling fans should be installed, or mounted, in the middle of the room and at least 7 feet above the floor and 18 inches from the walls. If ceiling height allows, install the fan 8 - 9 feet above the floor for optimal airflow. Consult your Fanimation Retailer for optional mounting accessories.

#### Turn Off When Not in the Room

Ceiling fans cool people, not rooms. If the room is unoccupied, turn off the ceiling fan to save energy.

#### **Using the Ceiling Fan Year Round**

**Summer Season:** Use the ceiling fan in the counter-clockwise direction. The airflow produced by the ceiling fan creates a wind-chill effect, making you "feel" cooler. Select a fan speed that provides a comfortable breeze, lower speeds consume less energy.

Winter Season: Reverse the motor and operate the ceiling fan at low speed in the clockwise direction. This produces a gentle updraft, which forces warm air near the ceiling down into the occupied space.Remember to adjust your thermostat when using your ceiling fan - additional energy and dollar savings could be realized with this simple step!

# **Electrical and Structural Requirements**

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit. The outlet box must be securely anchored and capable of withstanding a load of at least 50 lbs. **Figure 1** depicts different structural configurations that may be used for mounting the outlet box.

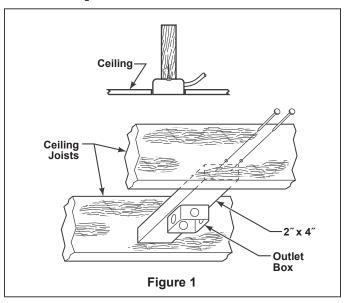
#### **A WARNING**

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked acceptable for fan support of 22.7 kg (50 lbs) or less. Use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

If your fan is to replace an existing light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

#### **A WARNING**

Turning off wall switch is not sufficent. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

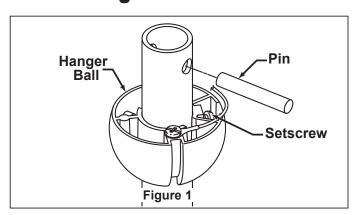


#### **A WARNING**

To avoid fire or shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done or approved by a licensed electrician.

## **How to Assemble Your Ceiling Fan**

1. Remove the hanger ball by loosening the setscrew in the hanger ball until the ball falls freely down the downrod. Remove the pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in Step 5. (Figure 1)



# **How to Assemble Your Ceiling Fan (cont'd)**

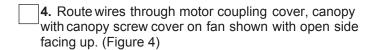
2. The fan comes with blue, black, and white 80" wires. Separate and untwist the three wires. Route the wires the wires through the downrod. (Figure 2)

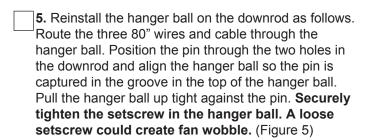
**NOTE:** You will be using either the 6" downrod supplied with your fan or an optional downrod purchased separately.

3. Loosen the two setscrews in the downrod support. Align the clevis pin holes in the downrod with the holes in the downrod support. Install the clevis pin and secure with the hairpin clip. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull on the downrod to make sure the clevis pin is properly installed. (Figure 3)

#### **A WARNING**

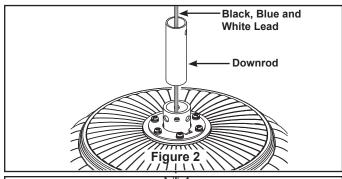
It is critical that the clevis pin in the downrod support is properly installed and the setscrews are securely tightened. Failure to verify that the pin and setscrews are properly installed could result in the fan falling.

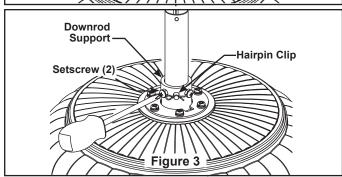


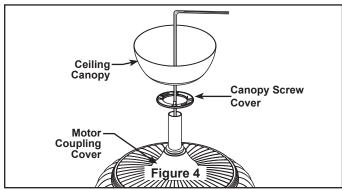


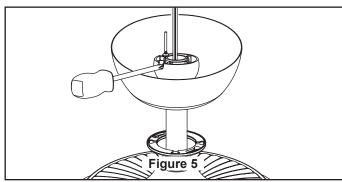
6. Before installing fan, measure up approximately 6-9 inches above top of downrod/hanger ball assembly. Cut off excess wire and strip back insulation 1/2" from end of wire. (Figure 6)

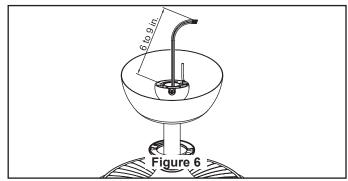
**NOTE:** All set screws must be checked and retightened where necessary before installation.











# **How to Hang Your Ceiling Fan**

#### **A** WARNING

To avoid possible fire or shock, be sure electricity is turned off at the main fuse box before hanging. (Figure 7)

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advise, as it must be grounded for safe operation.

#### **WARNING**

The fan must be hung with at least 7' of clearance from floor to blades. (Figure 8)

1. Securely attach the hanger bracket to the outlet box using the outlet box screws and washers supplied with the outlet box. (Figure 9)

#### **WARNING**

The outlet box must be securely anchored. Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and /or outlet box are not securely attached, the fan could wobble or fall.

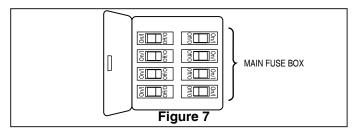
2. Carefully lift the fan and seat the downrod/hanger ball assembly on the hanger bracket that was just attached to the outlet box. Be sure the groove in the ball is lined up with tab on the hanger bracket. (Figure 10)

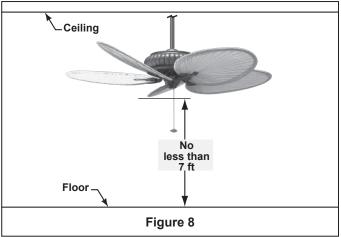
#### **M** WARNING

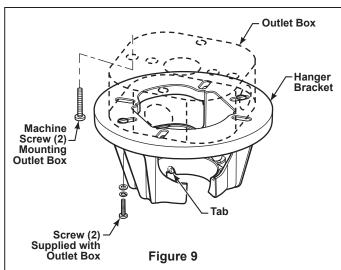
Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

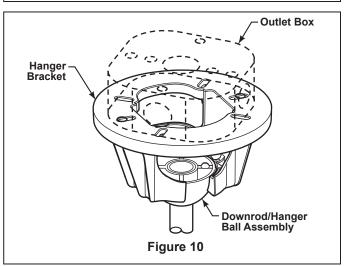
#### **▲** WARNING

To avoid possible shock, do not pinch wires between the hanger ball assembly and the hanger bracket.







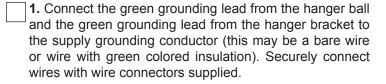


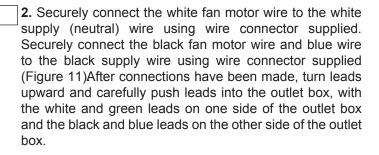
# **How to Wire Your Ceiling Fan - Pull Chain**

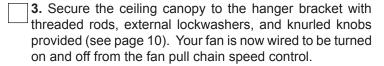
If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

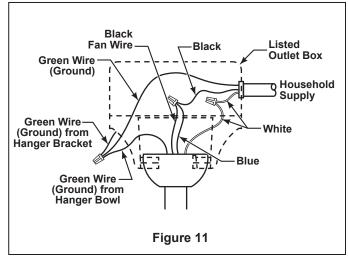
#### **A WARNING**

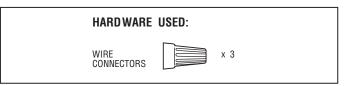
To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.









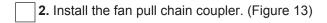


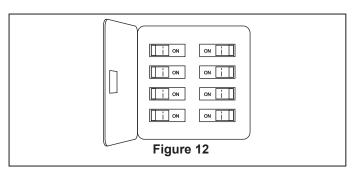
#### **A WARNING**

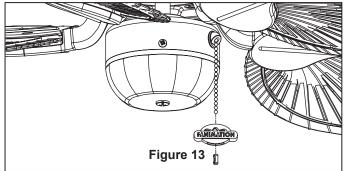
Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until the blades is in place. Noise and motor damage could result.

# **Operating Instructions - Pull Chain**

**1.** Restore electrical power to the outlet box by turning the electricity on at the main fuse box. (Figure 12)





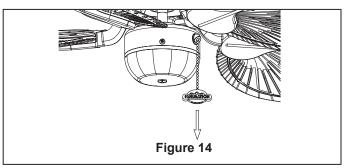


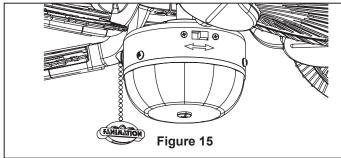
# **Operating Instructions-Pull Chain (Cont'd)**

•	•
on the pull chain switch.	of the fan by gently pulling (Figure 14) Your fan model i on, 3-speed, pull chain switcl e is as follows:
1st Pull = HIGH 2nd Pull = MEDIUM	3rd Pull = LOW 4th Pull = OFF

4. If airflow is desired in the opposite direction, turn the fan off and wait for the blades to stop turning. Then slide the reverse switch to the opposite position and turn fan on again.

(Figure 15)



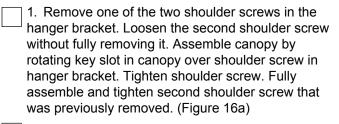


# **Installing the Canopy Housing**

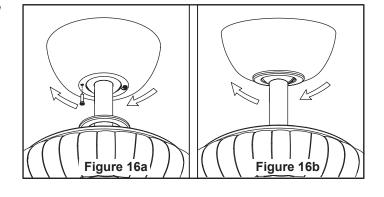
**NOTE:** This step is applicable **after** the necessary wiring is completed.

#### **M** WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the canopy housing and not pinched between the housing and the ceiling.



**2.** Securely attach and tighten the Canopy Screw Cover over the shoulder screws in the Hanger Bracket utilizing the keyslot twist-lock feature (Figure 16b).

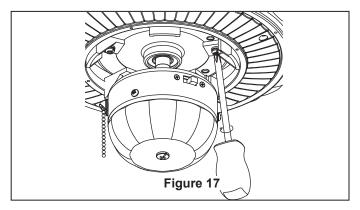


# **Mounting the Fan Blades**

**1.** Remove and discard the (rubber) motor "stops" by removing the four screws. (Figure 17)

#### **INSTALLATION NOTE**

Do not connect fan blades until the fan is completely installed. Installing the fan with blades assembled may result in damage to the fan blades.



# **Mounting the Fan Blades (cont'd)**

**NOTE:** You will find the fan blade set packed in its own carton and the blade holders and hardware bag in the fan box.

2. Lay flat side of blade holder arm on a flat surface with the inside of the blade holder arm facing up. This is the side with the threaded posts and pitched foot. Position the blade cover the blade holder with the threaded posts showing. Make sure the bottom edge of the blade is fully seated against the blade holder arm. Place blade holder cover on top of the blade, positioning the holes over the threaded posts. With a Philips screwdriver, thread both screws into the posts but do not fully tighten. Prior to final tightening, position the centerline of the blade holder with the center of the end of the blade. Tighten both screws to secure the blade. (Figure 18)

#### **CAUTION**

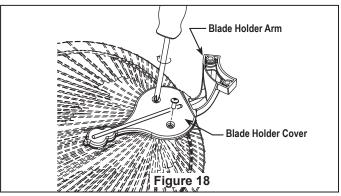
Do not connect fan blades until the fan is completely installed. Installing the fan with blades assembled may result in damage to the fan blades.

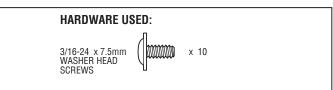
3. Attach blade holders to the bottom of the fan motor hub using the ½–20 x ½ socket head screws w/lockwashers. Make sure the screws with lockwashers securing the blade holders to the fan motor hub are tight and that the blade holders are properly seated. (Figure 19)

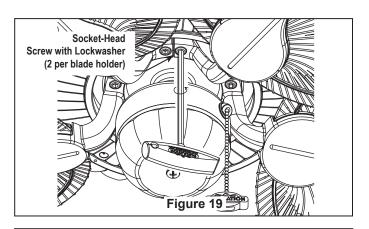
**NOTE:** Periodically check Blade Holder hardware and resecure if necessary. (see Maintenance below)

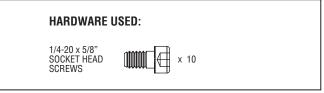
#### **▲ WARNING**

To reduce the risk of personal injury, do not bend the blade holders when installing, balancing the blades or cleaning the fan. Do not insert foreign objects in between the rotating blades.









### **Maintenance**

Periodic cleaning of your new ceiling fan is the only maintenance that is needed.

When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.

Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

#### **CAUTION**

Do not use solvents when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of electrical shock.

**RECOMENDED:** Periodically check that the blade arm to motor assembly hub screws are tight.

# **Blade Cleaning**

Periodic light dusting of the Palm Leaf, Woven Bamboo, or Wicker blades is recommended. A feather duster will work best.

Avoid using water, cleansers, or harsh rags, which can warp and ruin the blades.

#### **Parts List**

#### Model #FP4320\*\*1

Ref. #	Description	Part #
1	Hanger Bracket Assembly	AP255BL
2	Wet Downrod/Hanger Ball Assembly	ADR1-6**
3	Ceiling Canopy	PG155**
4	Canopy Screw Cover Assembly	AP260**
5	Motor Coupling Cover Assembly	APPAC1405**
6	Fan Motor/Housing Assembly	AMA4320**
7	Blade Holder (Set of 5)	AP43210**
8	Blade Holder Cover (Set of 5)	AP3220**
	Blade Mounting Hardware Bag Containing:	
	Phillips Washer-Head Screws, 3/16"-24 x 10 mm (11)	
	Phillips Screwdriver, 4"	
	Blade Holder Mounting Hardware Bag Containing:	HDWFP4320BL (for AZ, TB fans)
	1/4–20 x 5/8" Socket Head Screw with Lockwasher (11)	(101712, 12 10110)
9	"T" Allen Wrench	HDWFP4320GZ (for AG, AN, LT, TS fans)
	Hardware Bag Containing:	(101710,7111, 21, 10 10110)
	Fob and Chain Coupler	HDWFP4320MW (for MW fan)
	Balance Kit	(101 1111 1211)
	#8–32 x ¾ Junction Box Screws, Stainless Steel (2)	
	Wire Connectors (4)	

#### Before discarding packaging materials, be certain all parts have been removed

#### **How To Order Parts**

When ordering repair parts, always give the following information:

• Part Number

- Part DescriptionFan Model Number

Contact your retail store for repair parts.

<sup>\*\*</sup>Insert FINISH CODES (Refer to fan model number located on downrod support)

# The Belleria® FP4320\*\*1 **Exploded-View** Figure 1 **NOTE:** The illustration shown is not to scale or its actual configuration may vary

# **Trouble Shooting**

# **A WARNING**

For your own safety turn off power at fuse box or circuit breaker before trouble shooting your fan.

Trouble	Probable Cause	Suggested Remedy	
1. FAN WILL NOT START	Fuse or circuit breaker blown.	Check main and branch circuit fuses or circuit breakers.	
	Loose power line connections to the fan, or loose switch wire connections in the switch housing.	Check line wire connections to fan and switch wire connections in the switch housings.	
		CAUTION: Make sure main power is turned off!	
	3. Reversing switch in neutral position.	Make sure reversing switch position is all the way to one side.	
2. FAN SOUNDS NOISY	Blades not attached to fan.	Attach blades to fan before operating.	
	2. Loose screws in motor housing.	Check to make sure all screws in motor housing are snug (not over-tight).	
	Screws securing fan blade holders to motor hub are loose.	Check to make sure the screws which attach the fan blade holders to the motor hub are tight.	
	Wire connectors inside housing rattling.	Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing.	
		CAUTION: Make sure main power is turned off!	
	Motor noise caused by solid state variable speed control.	Some fan motors are sensitive to signals from solid-state variable speed controls. Solid-state controls are not recommended, choose an alternative control method.	
	6. Screws holding blades to blade holders are loose.	6. Tighten screws securely.	
3. FAN WOBBLES EXCESSIVELY	Setscrew and nut in downrod support is loose.	Tighten both setscrews and nuts securely in downrod support.	
	Setscrew in downrod/hanger ball assembly is loose.	Tighten the setscrew in the downrod/hanger ball assembly.	
	Screws securing fan blade holders to motor hub are loose.	3. Check to be sure screws which attach the fan blade holders to the motor hub are tight.	
	4. Blade holders not seated properly.	4. Check to be sure the fan blade holders seat firmly and uniformly to the surface of the motor housing. If holders are seated incorrectly, loosen the screws and retighten.	
	Hanger bracket and/or ceiling outlet box is not securely fastened.	Tighten the hanger bracket screws to the outlet box, and secure outlet box.	
	6. Fan blades out of balance.	6. Interchanging position of fan blades can redistribute the weight and result in a smoother operation. For example, exchange blades in positions 1 and 3 or 1 and 4. If this does not improve wobble, exchange 2 and 4 or 2 and 5.	
4. NOT ENOUGH AIR MOVEMENT		If possible, consider using a longer downrod. For example, use a 12" downrod instead of the 6" downrod that comes with your fan.	
		Consider using a narrow blade instead of the wide oval. Narrow blades are available in the palm leaf and woven bamboo series.	



10983 Bennett Parkway
Zionsville, IN 46077
(888) 567-2055
FAX (866) 482-5215
Outside U.S. call (317) 733-4113
Visit Our Website @ www.fanimation.com