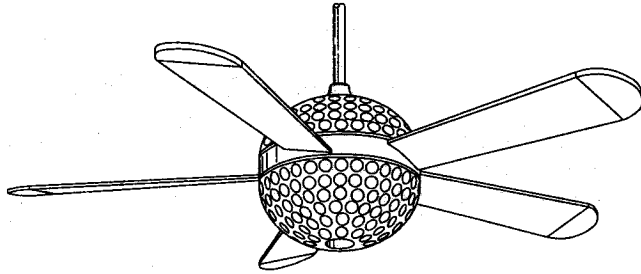
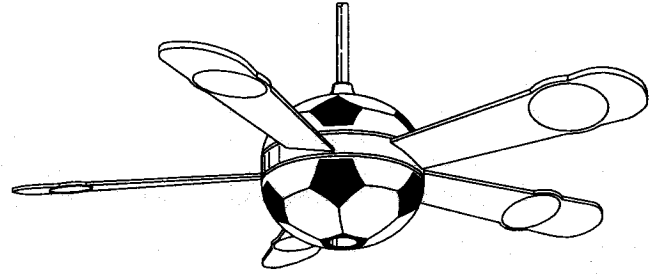


READ AND SAVE THESE INSTRUCTIONS

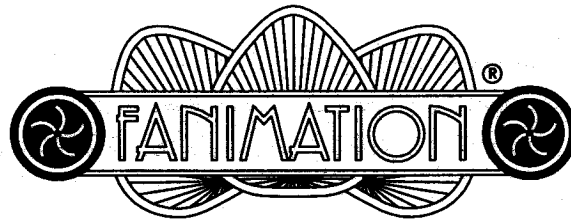
Model No.
FP1420



Model No.
FP1520



Net Weight: 25 Lbs.



The Golf Ball* & Soccer Ball* Fan Owner's Manual

*U.S. and Foreign patents pending.

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 must satisfy National (ANSI/ NFPA) Electrical Codes. Use the National Electrical Code if Local Codes do not exist. 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 outlet box and joist must be securely mounted and capable of reliably supporting at least 50 lbs. (fan and accessories not to exceed 35 lbs. or 17 kgs.). Use only UL outlet boxes listed as acceptable for fan support. 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.
4. **CAUTION:** To reduce the risk of personal injury, mount the hanger bracket to an outlet box marked "Acceptable For Fan Support" using the hardware provided with your fan or the outlet box.
5. The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8' 3" ceiling.
6. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
7. 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 avoid fire, shock or injury, do not use a Fanimation or any other brand of control not specifically approved for this fan.

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 flange (blade holder) when installing, balancing, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

LIMITED 20 YEAR WARRANTY

Extends to the original purchaser of a Fanimation Fan

1. **LIMITED 20 YEAR 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 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.
3. 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 repay, or replace, at our option, the defective part free of charge for parts and labor performed at our national service center.
4. Because of varying climate conditions, this warranty does not cover changes in the finish, 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 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.

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

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



WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 6). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Materials

Wiring outlet box and box connectors must be of type required by local code. The minimum wire would be a 3-conductor (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

Unpacking Instructions

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



WARNING

Do not install or use fan if any part is damaged or missing. Contact your retail store for missing or damaged parts.

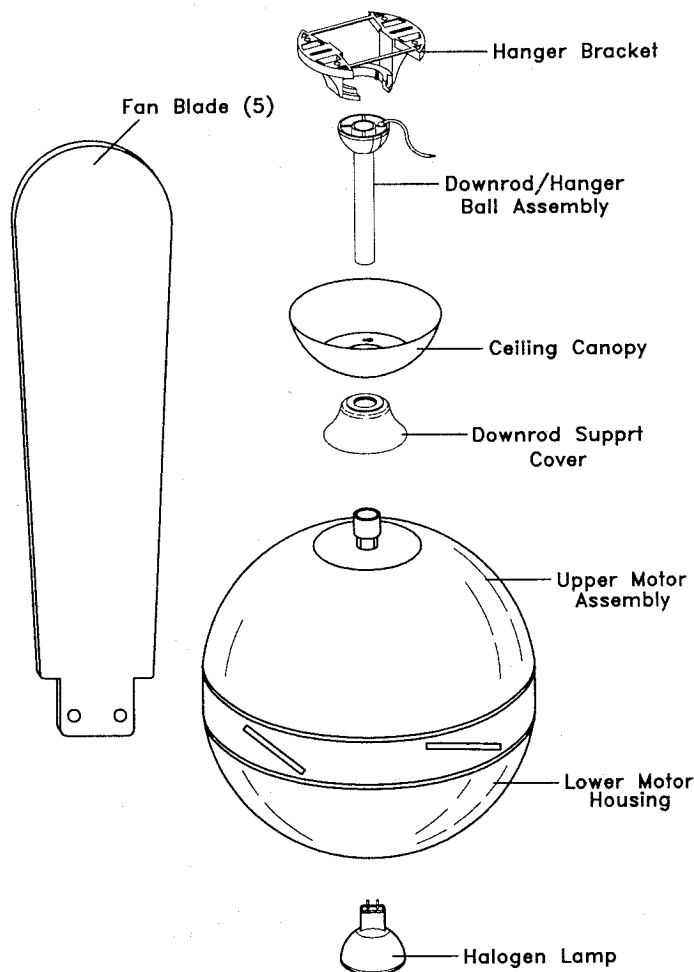
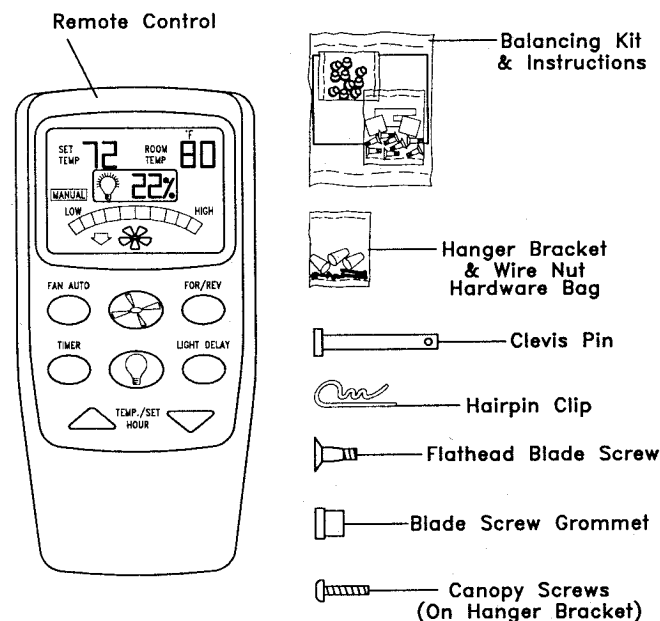


WARNING

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.

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.

- ☐ 1. Check to see that you have received the following parts:



How to Put Your Ceiling Fan Together

- ☐ 1. Prior to assembly, set aside and save the hardware bags packed in the upper foam packing.
- ☐ 2. Pass the Downrod/Hanger Ball Assembly through the top of the ceiling canopy (Figure 1) and push the bell-shaped motor coupling cover on to the downrod as shown.

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

- ☐ 3. Separate and untwist the two motor leads. Route the motor leads through the Downrod/Hanger Ball Assembly.

- ☐ 4. 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 (Figure 1). The clevis pin must go through the holes in the downrod support and the holes in the downrod. 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 hanger ball to make sure the clevis pin is properly installed.

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.

- ☐ 5. While pulling up on the hanger ball, securely tighten the two 3/16-24 x 3/8" setscrews in the downrod support (Figure 1).

NOTE: The setscrews must be properly installed as described above, or fan-wobble could result.

- ☐ 6. The fan comes with black and white leads. 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.
- ☐ 7. You have now completed the assembly of your new ceiling fan. You can now proceed with the hanging and the electrical wiring of your fan.

WARNING

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

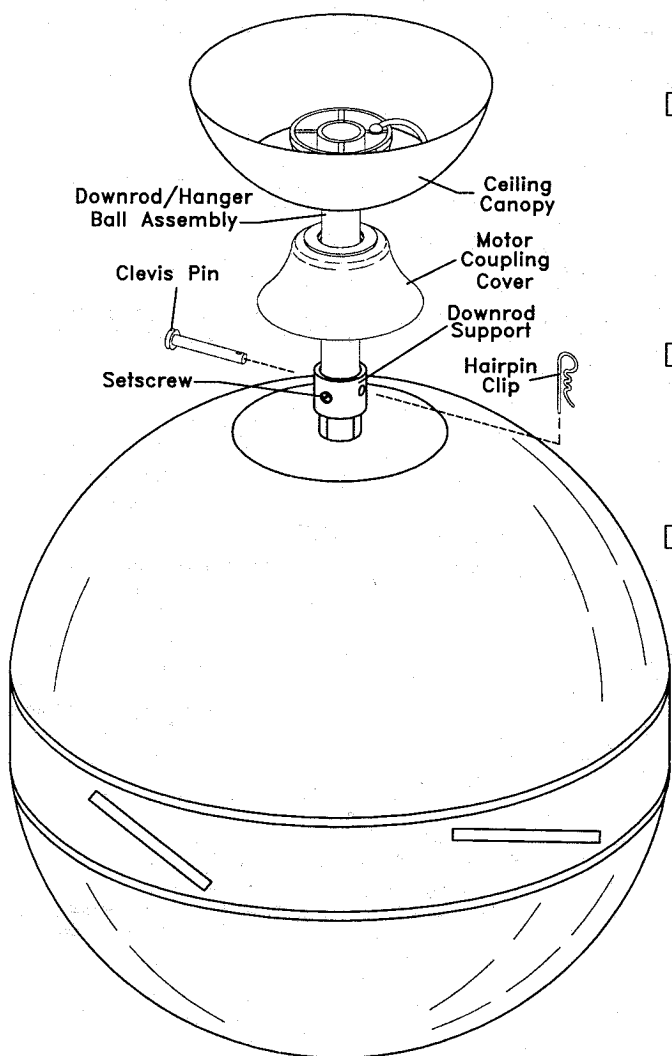


Figure 1

Electrical 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.

WARNING

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked acceptable for fan support, and 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.

WARNING

Turning off wall switch is not sufficient. 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.

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 Hang Your Ceiling Fan

WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 2).

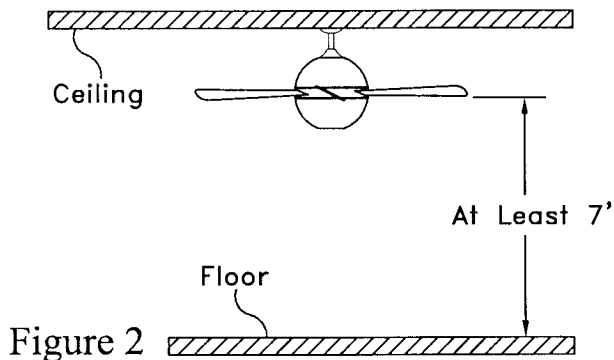


Figure 2

WARNING

The outlet box must be securely anchored and capable of withstanding a load of at least 50 lbs.

- ☐ 1. Securely attach the hanger bracket to the outlet box using the outlet box screws supplied with your fan or outlet box (Figure 3).

WARNING

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

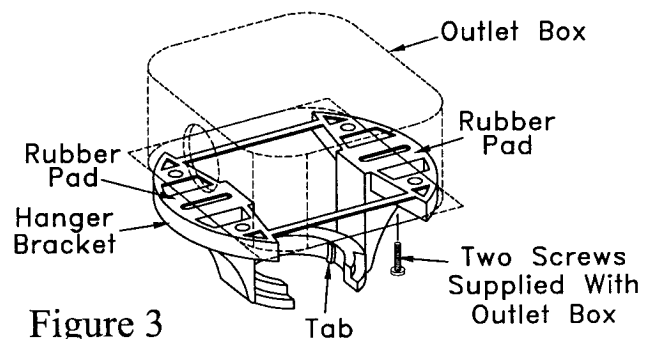


Figure 3

WARNING

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

- ☐ 2. Pull the electric wires in the outlet box down through the opening in the hanger bracket and bend wires up and out of the way so that the hanger ball will easily fit into the hanger bracket.

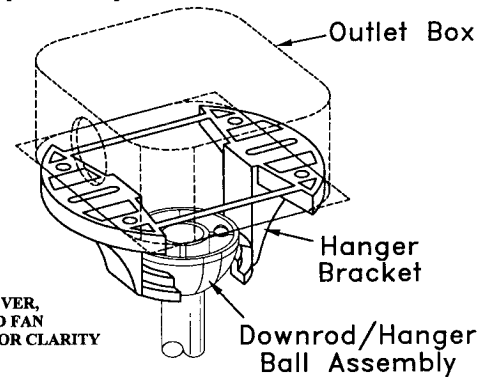
How to Hang Your Ceiling Fan (Cont.)

4. Carefully lift the fan and seat the downrod/hanger ball assembly on the hanger bracket that was just attached to the outlet box (Figure 4). Be sure the groove in the ball is lined up with tab on the hanger bracket (Figure 3).

WARNING

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

Figure 4



WARNING

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

How to Wire Your Ceiling Fan

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

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.

1. Connect the green grounding lead from the hanger ball and the green grounding lead from the hanger bracket to the supply grounding conductor (this may be a bare wire or wire with green colored insulation). Securely connect wires with wire connectors supplied.

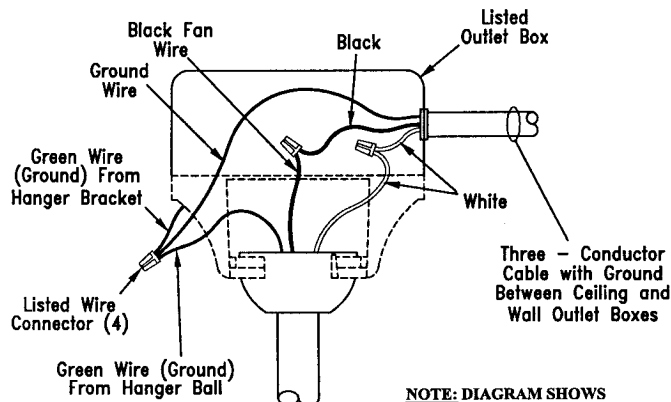


Figure 5

2. Securely connect the white fan motor wire to the white supply (neutral) wire using wire connector supplied (Figure 5). Securely connect the black fan motor wire to the black supply wire using wire connector supplied (Figure 5). After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black lead on the other side of the outlet box.

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 blades are in place. Noise and fan damage could result.

3. Secure the ceiling canopy to the hanger bracket with screws provided (screws shipped already threaded into hanger bracket). Your fan is now wired to be turned on and off from remote control.

Wiring (Cont.)

WARNING

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

- ☐ 4. Push the Motor Coupling cover down until it touches the top of the motor.

Blade Attachment

INSTALLATION NOTE

Attach the fan blades after hanging the fan body and wiring the fan to prevent blade breakage or damage.

- ☐ 1. Attaching one blade at a time, slide the blades into the slots of the rotating flywheel (see Figure 6).
- ☐ 2. Attach blade to the blade arm using the blade screws and blade screw grommets as shown. (Figure 7)
- ☐ 3. Install all 5 blades prior to the next step.
- ☐ 4. Make sure all blade screws are tight prior to proceeding.

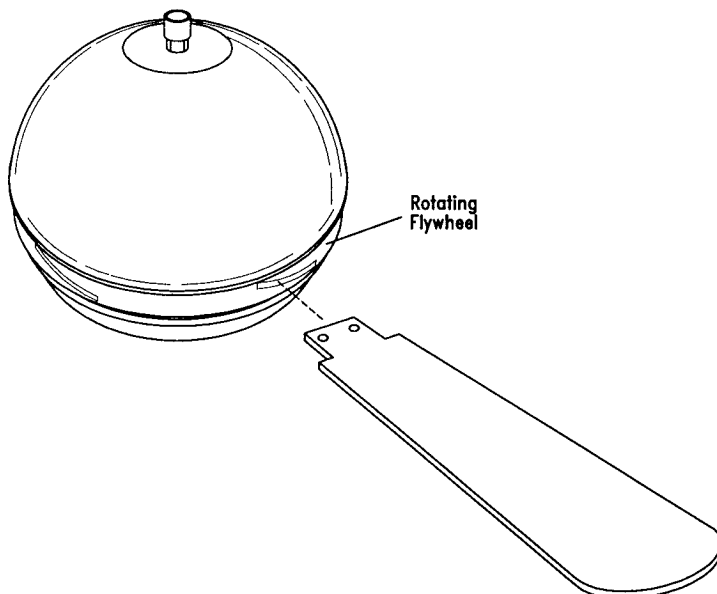


Figure 6

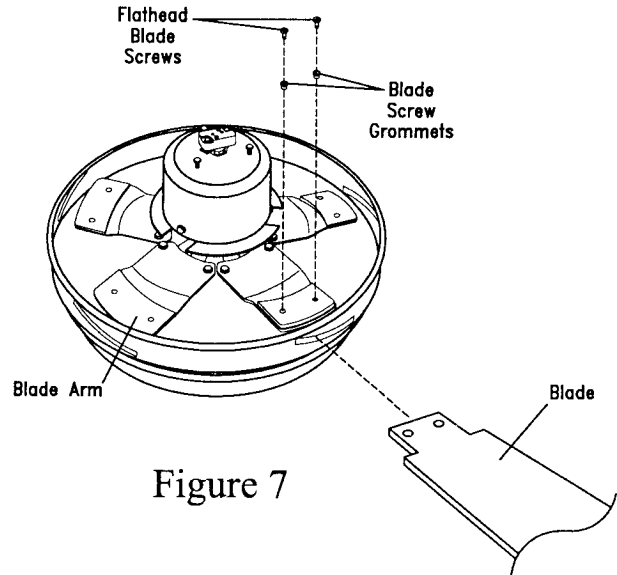


Figure 7

Lower Motor Housing and Halogen Bulb Installation

- ☐ 1. Attach the lower motor housing to the upper motor assembly by sliding the lower motor housing onto the three mounting screws located on the bottom of the upper motor assembly as shown in Figure 8.
- ☐ 2. Tighten all three screws.
- ☐ 3. Insert the halogen bulb into the halogen bulb seat as shown.

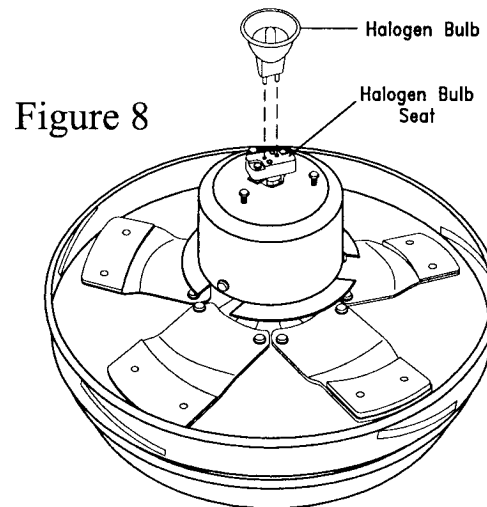


Figure 8

Using Your Ceiling Fan

- ☐ 1. Restore electrical power to the outlet box by turning the electricity on at the main fuse box.
- ☐ 2. Refer to the "Directions for LCD Ceiling Fan Remote Controller" for instructions on how to operate your ceiling fan.

Directions for LCD Ceiling Fan Remote Controller

1. FAN SPEED Button (blue):

Pressing this blue button can adjust the fan speed manually. Fan speed will circulate as follows:
OFF ⇒ HIGH ⇒ MEDIUM ⇒ LOW



2. FOR/REV Button

Pressing this button determines which direction the fan will turn.

forward  reverse 

Arrow on the LCD indicates direction of air flow.

3. TEMP/SET/HOUR Button

You can set the room temperature you want directly by pressing these 2 buttons. Also you can set the timer of fan and light by these 2 buttons. (Will be described later)
•Temperature's setting range: 59°F - 90°F (15°C-32°C)

4. FAN AUTO Button:

When you press this button, you can switch between FAN AUTO and MANUAL

MANUAL: You adjust the fan speed manually.

FAN AUTO: The fan speed will be adjusted automatically as follows:

- When room temperature is higher than temperature set over 4°C (or 8°F): Fan will automatically turn in HIGH speed.
- When room temperature is higher than temperature set between 2°C (or 4°F) and 4°C (or 8°F): Fan will turn automatically in medium speed.
- When room temperature is higher than temperature set within 2°C (or 4°F): Fan will turn automatically in LOW speed.
- When room temperature is lower than temperature set: Then fan will stop turning automatically.

5. LIGHT Button:

- (1) Press this yellow button to turn the light on or off.
- (2) Press & hold this button to dim the light brightness. Continuing to press & hold the button will gradually return the light brightness to 100%. Dimming range of light brightness: 20% to 100%.

6. LIGHT DELAY Button:

- (1) Light will be switched on as per the brightness set last time when pressing this button. After 3 minutes, the light will be switched off automatically.
- (2) Pressing LIGHT button will cancel the "Light Delay" Function.
- (3) TIMER function of light will be canceled when "Light Delay" Function starts.

7. TIMER function:

Press the TIMER button once to set the fan timer.

Press this button again to set the light timer.

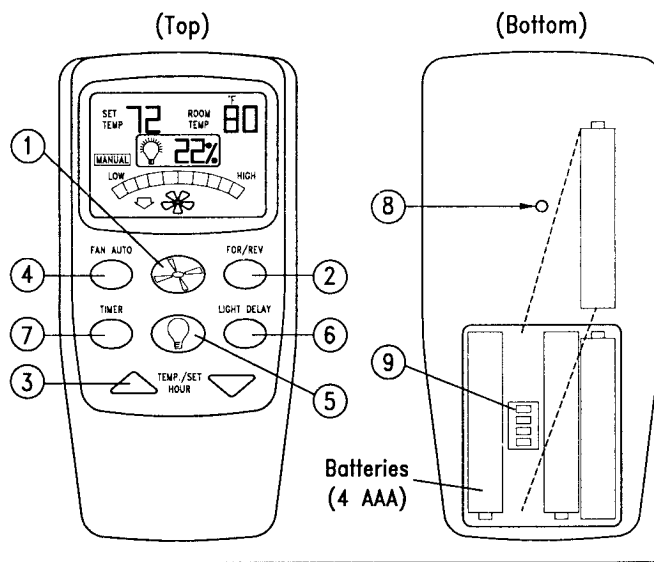
- Time's setting range: 0.5, 1, 2, 3, 4, 5,...24 hrs.
- Setting must be done within 6 seconds, otherwise it will return to normal state.
- Make setting by pressing up and down triangle button.
- After setting, the LCD screen will flicker between the temperature, fan and light you set.
- After setting, the time showing on the LCD screen will decrease gradually:
24→23→22→.....4→3→2→1→0.5→0(stop)

8. Setting Temperature Unit: (°F or °C)

There is a hole on the back of transmitter, through this hole to press the switch for choosing Fahrenheit or Centigrade temperature unit.

9. Setting Code:

Open the battery plate and remove all batteries, there is a DIP switch that you can set the code. When transmitter's code matches receiver's code, the remote controller can control the fan. You can control one, some, or all fans among many fans if the codes are the same.



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.



WARNING

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

WARNING: FOR YOUR OWN SAFETY TURN OFF POWER AT FUSE BOX OR CIRCUIT BREAKER BEFORE TROUBLE SHOOTING YOUR FAN.

Trouble Shooting

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
1. FAN WILL NOT START.	<ol style="list-style-type: none"> 1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 3. Remote control batteries low. 	<ol style="list-style-type: none"> 1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in the switch housing. CAUTION: Make sure main power is turned off. 3. Replace batteries.
2. FAN SOUNDS NOISY.	<ol style="list-style-type: none"> 1. Blades not attached to fan. 2. Loose screws in motor housing. 3. Screws securing fan blades to motor flywheel are loose. 4. Wire connectors inside housing rattling. 5. Motor noise caused by solid state variable speed control. 	<ol style="list-style-type: none"> 1. Attach blades to fan before operating. 2. Check to make sure all screws in motor housing are snug (not over-tight). 3. Check to make sure the screws which attach the fan blade holders to the motor flywheel are tight. 4. 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. 5. Some fan motors are sensitive to signals from solid-state variable speed controls. If solid-state control is used and motor noise results, choose an alternative control method.
3. FAN WOBBLES EXCESSIVELY.	<ol style="list-style-type: none"> 1. Setscrew in downrod support is loose. 2. Setscrew in downrod/hanger ball assembly is loose. 3. Screws securing fan blades to motor are loose. 4. Fan blades not seated properly. 5. Hanger bracket and/or ceiling outlet box is not securely fastened. 6. Fan blades out of balance. 	<ol style="list-style-type: none"> 1. Tighten both setscrews securely in the downrod support. 2. Tighten the setscrew in the downrod/hanger ball assembly. 3. Check to be sure screws which attach the fan blade holders to the motor are tight. 4. Check to be sure the fan blade holders seat firmly and uniformly to the surface of the flywheel. If holders are seated incorrectly, loosen the screws and retighten according to the procedure in the section on "Mounting the Fan Blades." 5. Tighten the hanger bracket screws to the outlet box, and/or secure outlet box. 6. Interchanging an adjacent (side-by-side) blade pair can redistribute the weight and result in smoother operation. 6a. If exchanging blades does not correct the wobble, follow the blade balancing kit instructions.

Repair Parts Listing

MODEL #1420		
<i>Key No.</i>	<i>Description</i>	<i>Part #</i>
1	Hanger Bracket	P1402
2	6" Down Rod	DR6WH
3	Ceiling Canopy	P1404
4	Ceiling Canopy Screws (2)	P1406
5	Hardware Bag Containing:	P1408
6	Flathead Blade Screws	
7	Blade Screw Grommets	
8	Balancing Kit & Instructions	
9	Hanger Bracket Screw & Wire Nut Bag	P1410
10	Motor Coupling Cover	P1412
11	Upper Motor Assembly	P1414
12	Lower Motor Housing	P1416
13	Blade Set (5)	P1418
14	Halogen Lamp	P1420
15	Remote Control	P1422

MODEL #1520		
<i>Key No.</i>	<i>Description</i>	<i>Part #</i>
1	Hanger Bracket	P1402
2	6" Down Rod	DR6WH
3	Ceiling Canopy	P1504
4	Ceiling Canopy Screws (2)	P1406
5	Hardware Bag Containing:	P1408
6	Flathead Blade Screws	
7	Blade Screw Grommets	
8	Balancing Kit & Instructions	
9	Hanger Bracket Screw & Wire Nut Bag	P1410
10	Motor Coupling Cover	P1512
11	Upper Motor Assembly	P1514
12	Lower Motor Housing	P1516
13	Blade Set (5)	P1518
14	Halogen Lamp	P1420
15	Remote Control	P1422

How to Order Parts

WHEN ORDERING REPAIR PARTS, ALWAYS
GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- PART DESCRIPTION
- CEILING FAN MODEL NUMBER

Contact your retail store for repair parts.

Parts for Models **FP1420 FP1520**

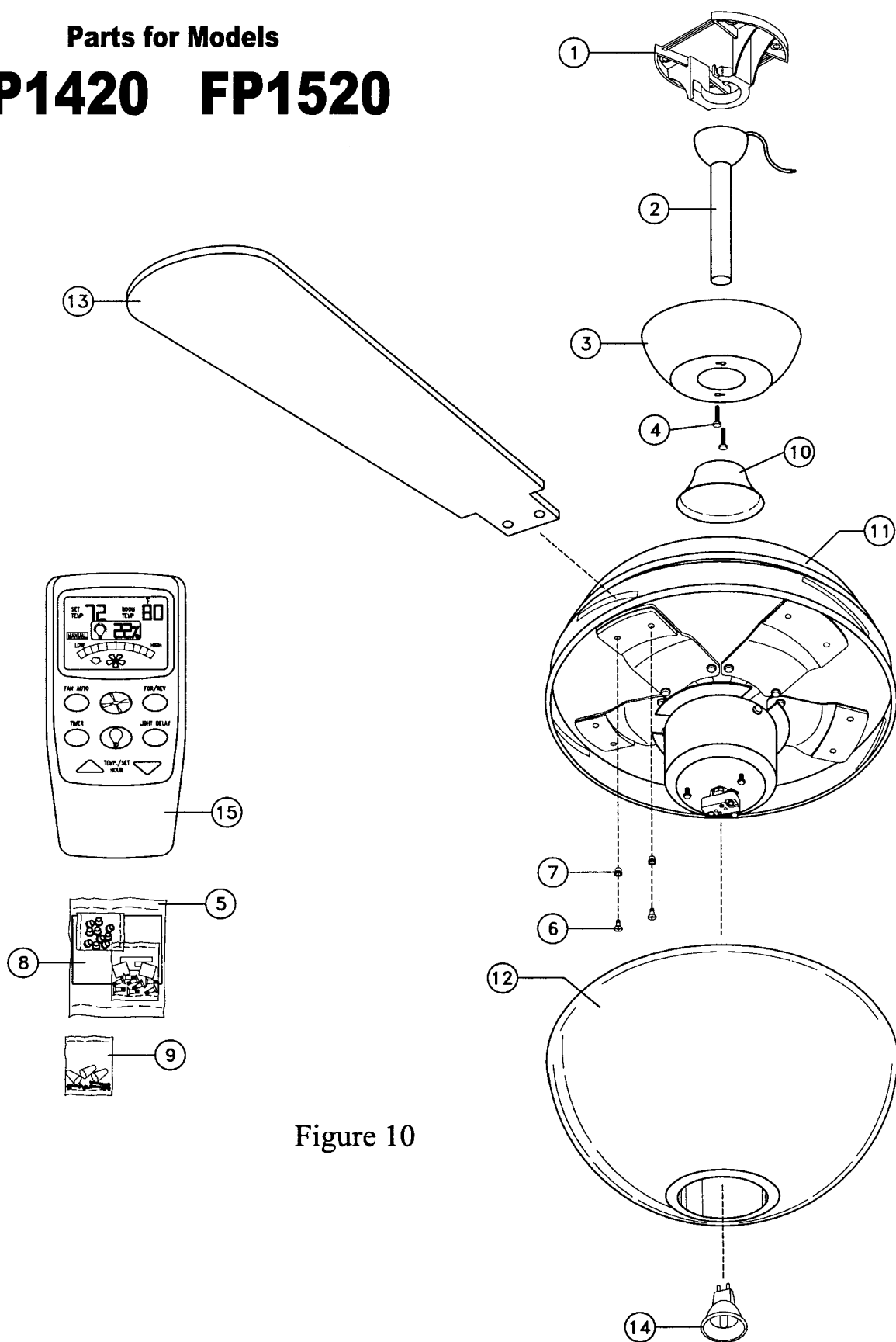
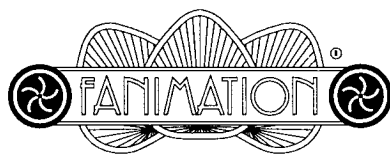


Figure 10



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