OWNER'S MANUAL

Ceiling Fan Installation Instructions

For 5AGR56XXD Series Fans

READ AND SAVE THESE INSTRUCTIONS

Total fan weight
with light kit

MONTE CARLO

c UL us
LISTED

Installation

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING: READ AND SAVE THESE INSTRUCTIONS

1. Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes ANSI/NFPA 70-1999), including fire-rated construction.
2. Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.
3. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.
4. Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
5. Be cautious! read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.
8. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support and use only the screws provided with the outlet box. (Mounting must support at least 35 lbs.)
9. Do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.
10. Attach the mounting bracket using only the hardware supplied with the outlet box.
11. To reduce the risk of fire or electric shock, this fan must be installed with an isolating wall control/switch.
12. To reduce the risk of fire or electric shock, this fan should only be used with fan speed control part no. UC7067RC manufactured by Rhine Electronic Co., Ltd. Suitable for use with solid-state speed controls.
13. The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
14. Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Air flow direction: warm weather - switch to left - forward / cool weather - switch to right - reverse

TOOLS REQUIRED
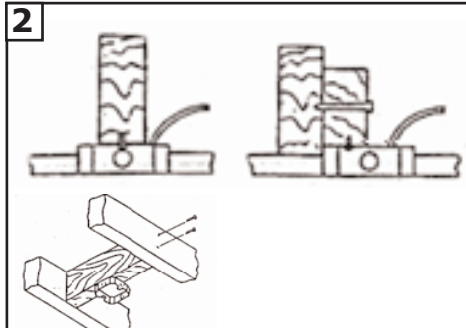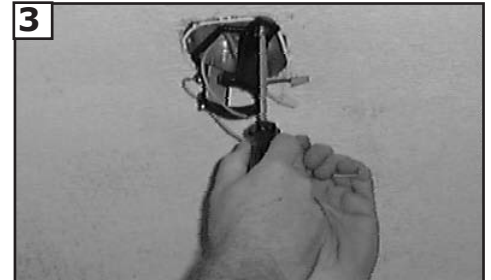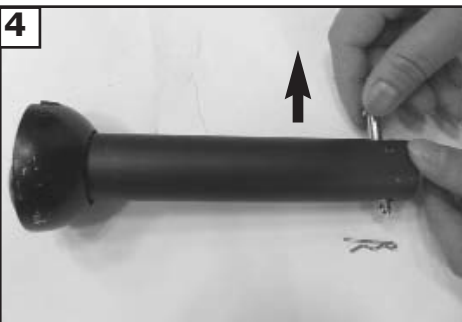### Phillips Screwdriver   Wire Cutters   Pliers   Step Ladder

1

Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

2

Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 35 lbs.)

3

Use metal outlet box suitable for fan support and use only the screws provided with the outlet box (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble). **Use only the screws provided with the outlet box.**

4

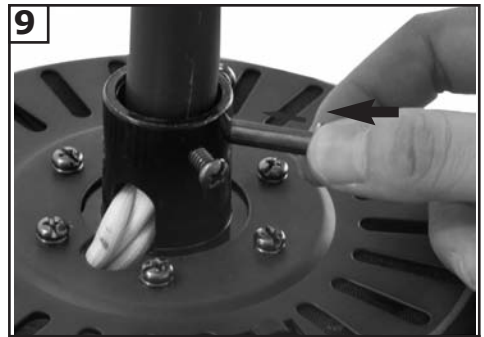Remove cotter pin from ball, and save for later use.

5

Place canopy over down rod.

6

Place Yoke Cover over down rod.

7

Thread leadwires and safety cable through the downrod

8

Loosen the 2 screws on the yoke to allow down rod to slip into yoke.

9

Insert down rod into yoke on top of the fan body. Align the hole in the down rod with the hole in the yoke. Insert the Pin through the yoke and down rod until the point appears on the other side.
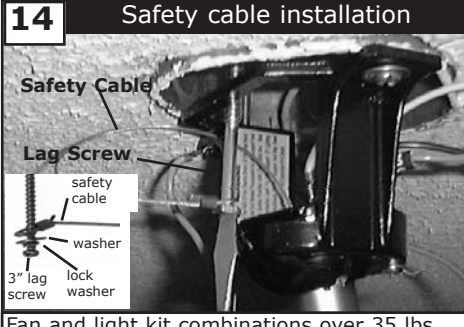
10

Install keeper pin.

11

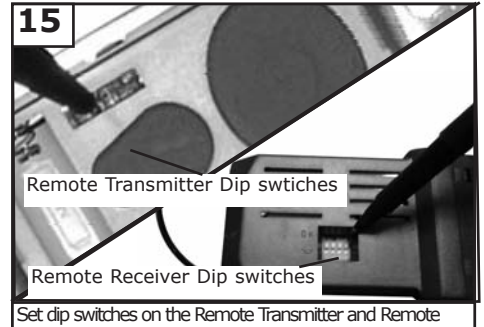Tighten the 2 set screws on the yoke, once the down rod is in place.

12

Make sure the studs protruding from the bottom of the Mounting bracket are installed with threads all the way through the bracket.
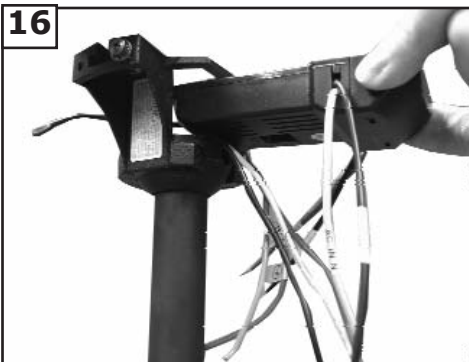
13

Hang assembled fan from the mounting bracket installed to ceiling in previous step. Make sure the fan is hanging straight. Rotate fan until the tab on the Mounting bracket engages the slot on the Downrod Ball. This must be done to prevent the fan body from rotating when the blades are in motion.
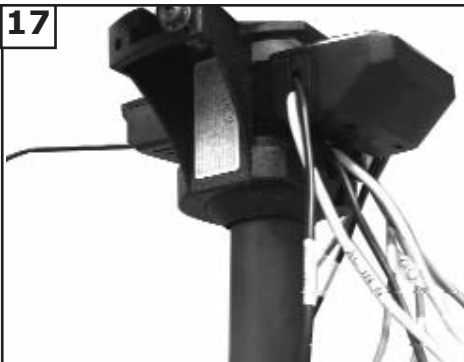
14 Safety cable installation

Safety Cable

Lag Screw

safety cable

washer

3" lag screw   lock washer

Fan and light kit combinations over 35 lbs, in both flush and downrod mode the safety cable must be installed into the house structure beams using the 3" lag screws, washers, and lock washers. provided. Make sure that when the safety cable is fully extended the lead wires are longer than the cable and no stress is placed on the lead wires.
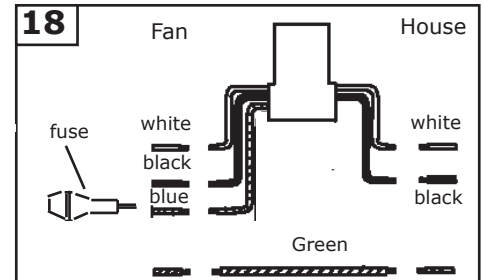
15

Remote Transmitter Dip swtiches

Remote Receiver Dip switches

Set dip switches on the Remote Transmitter and Remote Receiver to the same settings. This must be done so the units will commuincate properly. If you have other fans you can set to control from one transmitter by setting both receivers the same as the transmitter. If you have more than one fan with remote. You can set the dip switches to different positiosns to have seperate control.

16

Install remote receiver into the mounting bracket.

17

Ready for wiring.

18

Fan   House

fuse

white   white
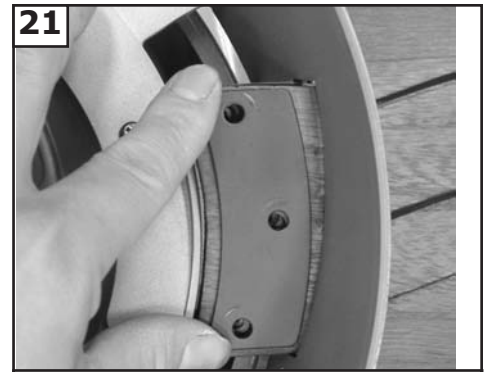
black

blue   black

Green

Make wiring connections as indicated above. White from fan to white from remote marked N. Blue from fan to blue from remote marked light. Black from fan to Black from remote marked L. White from house to white from remote marked AC N . Black from house to Black from remote marked AC L. Connect all green ground wires to Ground wire from House.
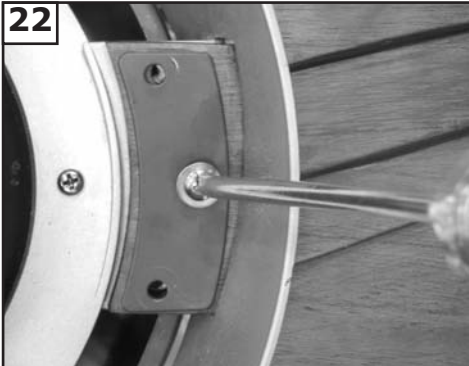
19

Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box. The splices after being made should be turned upward and pushed carefully up into the outlet box.

20

Lift canopy and install knurled nuts as shown. Tighten the knurled nuts securely. The canopy should adjust for any irregularity in the ceiling or Outlet box.
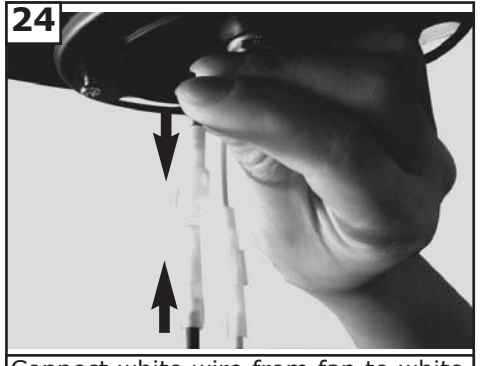
21

Check motor for shipping stabilizers and remove if present. Insert blades to fan flywheel and place the reinforce plate onto the blades as shown.
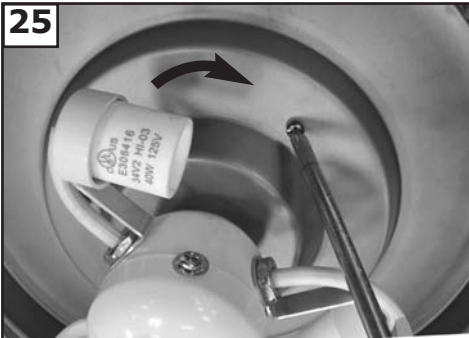
22

Tighten blade using the screws in hardware pack, repeat this procedure 4 more times.

23

Loosen 2 screws and remove one screw. Keep the removed screw for later use.
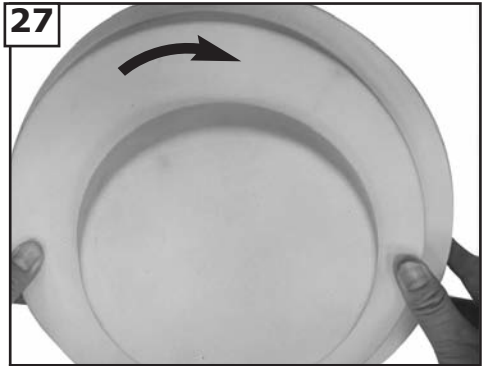
24

Connect white wire from fan to white wire from light fixture. Then connect blue wire from fan to black wire from light fixture.

25

Align keyslot holes of the light kit plate and twist to lock. Install screw removed in step 23 and tighten securely.
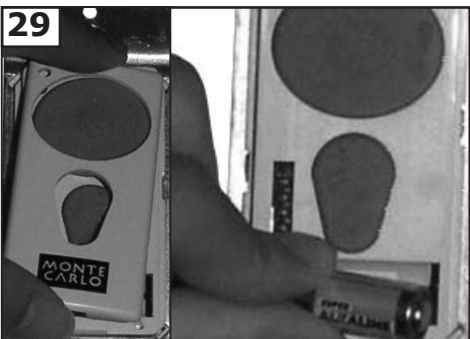
26

Install 3 x 40 watt candelabra base bulbs, Bulbs included. **WARNING: Over lamping the fan will result in the fan lights shutting down until the proper wattage of bulbs are installed. Reset the lights by turning off the wall switch, breaker, or by remote. Replace bulbs with the correct wattage bulbs, turn the power on.**

27

Attach glass to fan by twisting clockwise to lock.

28

The reverse feature of this fan is controlled by a switch located on top of the fan body. Turn off the fan and reverse the fan by slipping the switch. This will reverse the direction of the Fan blades.

29
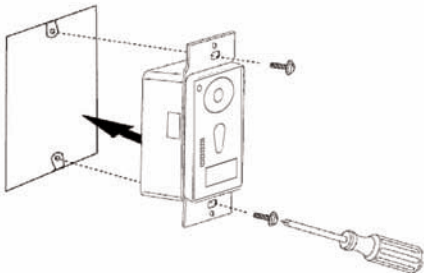
Remove battery cover. Install 12V battery into wall remote. Duracell MN21 / Eveready A23 / GP 23A all 12V. Attach cover of remote by placing over buttons and snap the battery cover in place.
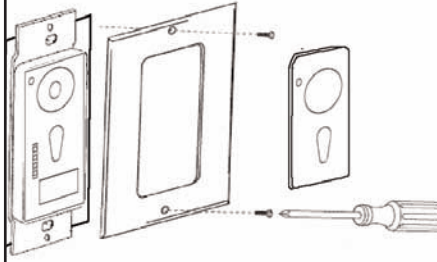
30 HAND HELD INSTALL

Place face plate over battery compartment and buttons. Place remote over 2 pins on front cover. Attach cover of remote by placing over 4 pins and snapping into place.
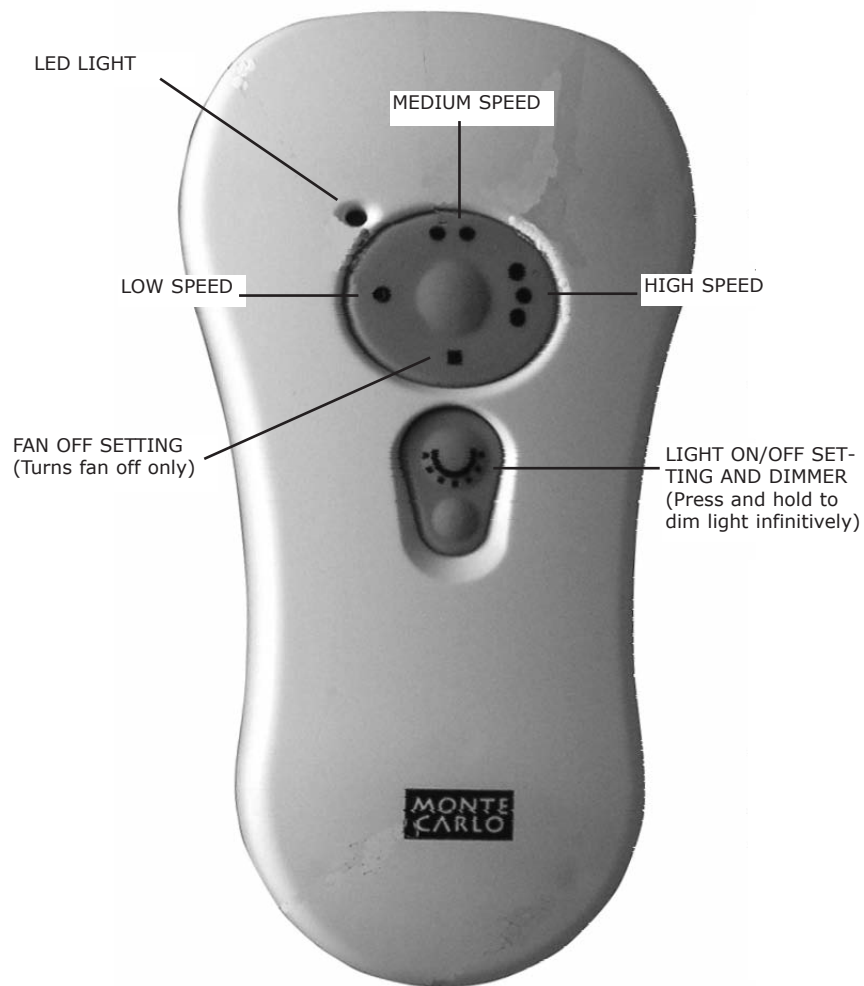
31 WALL MOUNT INSTALL	**32**
Install wall control unit to outlet box using machine screws provided.	Attach front cover to wall control with screws provided. Snap battery cover in place.

Remote Control Transmitter Features:

LED LIGHT

MEDIUM SPEED

LOW SPEED

HIGH SPEED

FAN OFF SETTING
(Turns fan off only)

LIGHT ON/OFF SETTING AND DIMMER
(Press and hold to dim light infinitively)

MONTE CARLO

FAN SPEED Depress "l dot" for low speed, "2 dots" for medium or "3 dots" for high. To turn fan off press square".

LIGHT DIMMER To turn light on, press light dimmer once quickly. To turn off press once quickly while light is on. To dim light hold down button "light dimmer". The light will cycle from bright to dim to bright until button is released. Light will maintain last setting if turned off.

TROUBLE SHOOTING

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Trouble	Suggested Remedy
1. If fan does not start:	1.Check main and branch circuit fuses or circuit breakers. 2.Check line wire connections to fan and switch wire connections in switch housing. **CAUTION: Make sure main power is turned off.** 3.Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle. 4.Make sure that shipping stabilizer tabs have been removed from motor.
2. If fan sounds noisy:	1.Check to make sure all screws in motor housing are snug (not over tightened). 2.Check to make sure the screws which attach the fan blade holder to the motor are tight. 3.Check to make sure wire nut 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 before entering switch housing.** 4.Some fan motors are sensitive to signals from Solid State variable speed controls. **DO NOT USE a Solid State variable speed control.** 5.Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1.Make sure that the ridge of the canopy engages the notch in the downrod ball. (See illustration in Step #6 of Downrod Mount installation). 2.Check that all blades are screwed firmly into blade holders. 3.Check that all blade holders are tightened securely to motor. 4.Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 5.Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance from blade tip to ceilng. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6.If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
4. If light does not work:	1.Check blue wire from fan to make sure it is connected to hot wire from house. 2.Check for loose or disconnected wires in fan switch housing. 3.Check for loose or disconnected wires in light kit. 4.Check for faulty light bulbs.

WARNING: Over lamping the fan will result in the fan lights shutting down until the proper wattage of bulbs are installed. Reset the lights by turning off the wall switch, breaker,or by remote. Replace bulbs with the correct wattage bulbs, turn the power on.
CAUTION: Make sure main power is turned off before entering switch housing and/ or canopy.

WARNING: Before attempting to replace the fuse make sure the main power is turned off to the fan. Replace only with a 3 amp fuse. (Fuse is inside the canopy on the blue wire to remote receiver, push and twist the cap to open the fuse case).

MONTE CARLO.