

## READ AND SAVE THESE INSTRUCTIONS

Proton .

*Thank you for purchasing a Gulf Coast Fans Inc. product. It will provide years of cost efficient comfort. With over a decade of experience in ensuring quality workmanship at an affordable price, we stand behind our product and we hope you will too.*

### IMPORTANT PRECAUTIONS

- 1** Read these instructions carefully before you start.
- 2** Turn off the power at the source before installation, servicing, or cleaning.
- 3** WARNING--TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID STATE SPEED CONTROL DEVICE. USE ONLY GULF COAST CONTROLS.
- 4** WARNING--TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE IRONS WHEN INSTALLING ON BLADES, BALANCING THE BLADES, OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS IN BETWEEN ROTATING FAN BLADES.
- 5** WARNING--TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, MOUNT FAN TO AN OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT" AND USE THE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX.
- 6** If you don't feel comfortable hanging and wiring this fan, we recommend that you hire a qualified electrician to install it.
- 7** All wiring and electrical connections must meet the National Electrical Code and any local codes that may apply.
- 8** After installation, fan blades must be at least seven (7) feet from the floor.

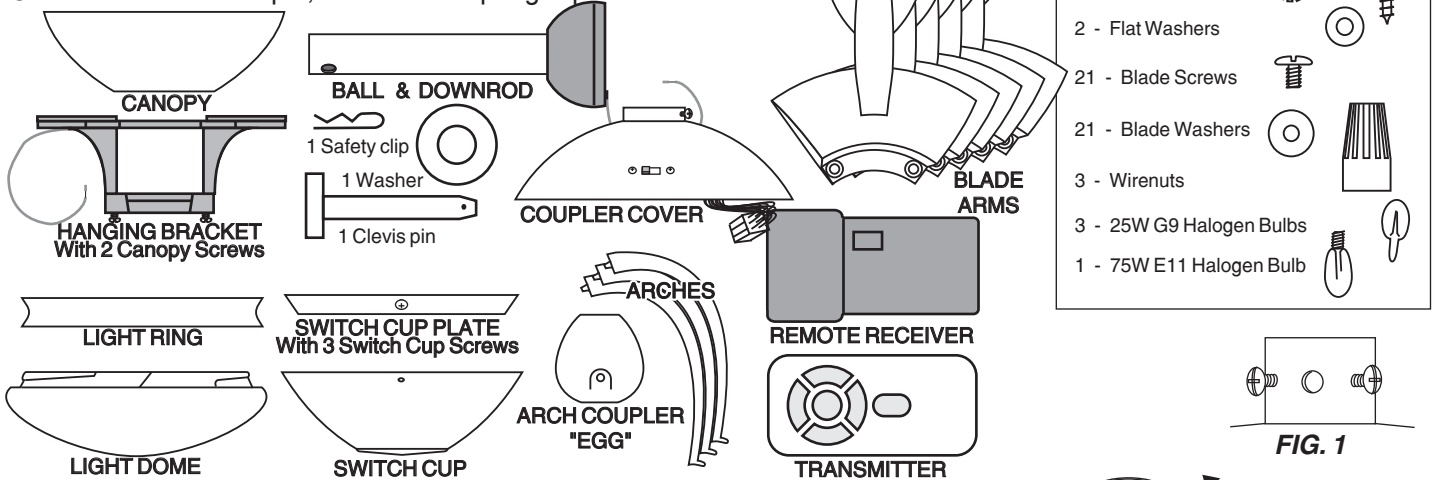
To begin with, the site of installation must be clear of any obstructions. Walls, cabinet or cupboard doors, and AC/heating vents (strong air currents will cause fan to wobble ) are common obstructions.

Also, you will need a securely mounted outlet box that is listed for fan support.

The only tools you will need are : A medium Phillips screwdriver, wire cutter/stripper, common sense, and a little caution.

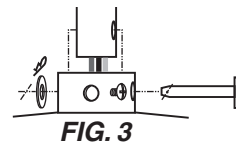
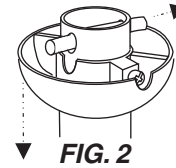
### I. Inventory the parts

- Remove all of the parts from the top styrofoam and remove the styrofoam. Use this top piece to support the fan during preliminary assembly.
- Remove all parts from plastic bags, including the blades and screw package.
- Remove the clevis pin, washer and spring clip from the downrod.

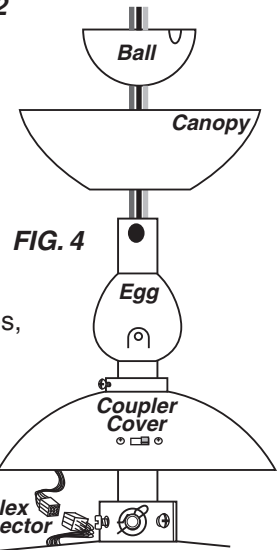


### II Preliminary Assembly.

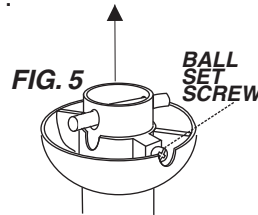
- Place the motor (with the switch cup mounting plate down) in the top styrofoam. Loosen the two set screws in the coupler (Fig. 1).
- Remove the ball from the downrod by loosening the set screw, sliding the ball down slightly and removing the ball pin. (Fig.2)
- Thread the motor wires into the downrod. Seat the downrod into the coupler with the holes in each aligned. Insert the clevis pin, and secure with the washer and safety clip (Fig. 3). Tighten the coupler set screws against the downrod.



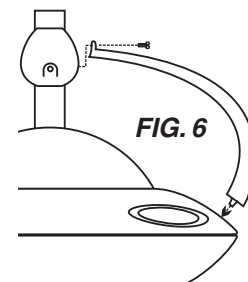
- Feed the wires through the Coupler Cover and slide it over the downrod. Plug the square Molex Connectors together, it is notched and will only fit one way. Snug the Coupler Cover down to the top of the motor and tighten the set screw.
- Now is the time to decide whether you are installing the "arches." If you are installing the arches, the egg-shaped arch coupler needs to be on the downrod next. Remove the 3 screws in the slots in the "egg." Thread the wires through the "egg", the canopy and finally the ball hanger (Fig. 4). If the arches will not be used, do not install the "egg".



- Feed the wires through the canopy and ball and stack them on the downrod. Replace the ball pin in the downrod and slide the ball up so that the pin is in the slot in the ball (Fig 5). Tighten the ball set screw.

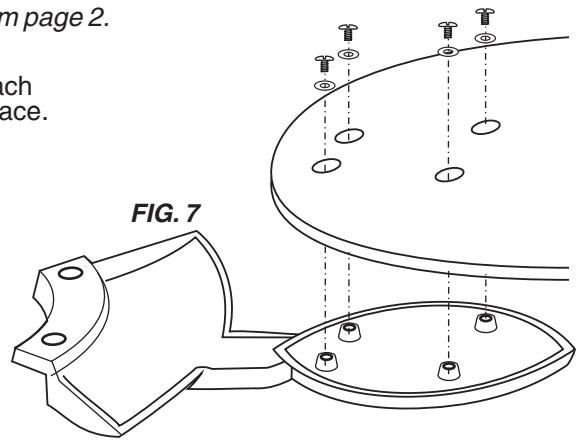


- If you are installing the arches, raise the egg up, insert the top of an arch into a slot of the "egg", then seat the bottom peg into a hole on the top of the motor housing. Insert one of the arch screws, removed earlier, to secure the arch to the "egg". Repeat with the remaining arches. Make sure all of the pegs are in the holes and the arches appear straight, then tighten all arch screws securely, including the "egg" set screw onto the downrod. See Fig 6.



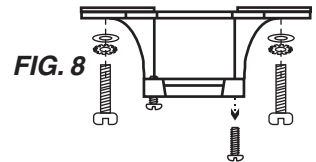
H. Install the 3 uplighting bulbs by aligning the two loop contacts of each bulb with the slot within the recess of the housing and press into place. Glass surfaces of the bulbs should not be touched by bare skin.

1. Place the blade arm face (decorative side) down. Place the blade face (carved side) down on top of the blade arm. (Fig 7)
2. Using 4 blade screws and washers per blade, attach the blades to the blade arms. Be sure all of the screws are tight.



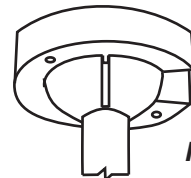
**WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury Mount Fan To An Outlet Box Marked "Acceptable For Fan Support" And Use The Mounting Screws Provided With The Outlet Box.**

- J. 1. Take the hanging bracket and secure it to the outlet box (marked Acceptable For Fan Support) using the mounting screws provided with the outlet box (Fig 8). Tighten them evenly. If you are mounting the fan directly to the building structure, use the wood screws provided, and secure to a joist.
2. Remove one canopy screw (also Fig 8) and loosen the other. Make sure all of the wires are accessible and are not being pinched. Also, make sure the bracket doesn't wobble.



III. **Now to hang the fan...**

A. Holding the fan firmly, carefully lift it up to hanging bracket. Place the ball into cradle of the bracket. Turn the entire motor assembly until it locks into place. The tab on the bracket must be in the groove in the ball. Make sure the wires are not being pinched.



B. The integrated Remote Control's receiver will be installed in the hanging bracket just above the ball. Gather the wires of the receiver away from the narrow end, and slide the receiver into place.

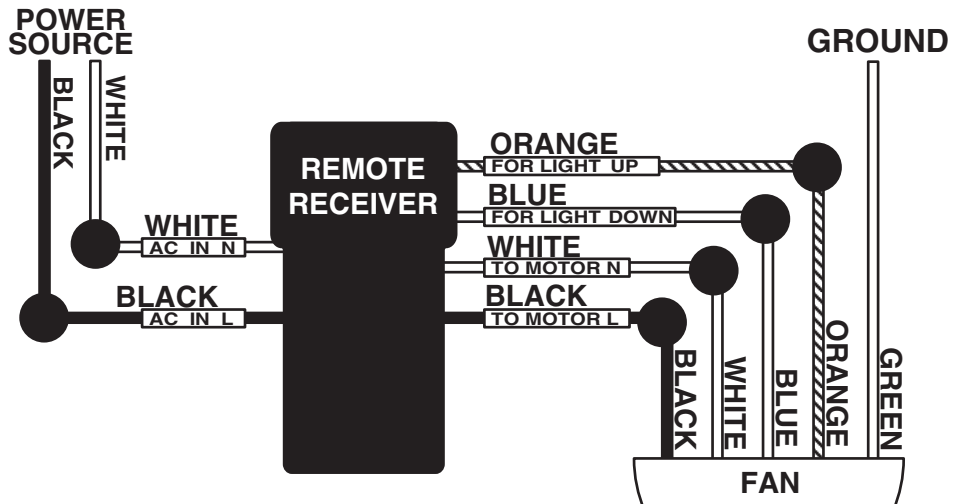
IV. **Wiring methods and instructions.**

The Remote Control receiver's wires are color coded to match the fan's wires and only requires two wires plus a ground in the ceiling outlet box. Connect each of the four fan wires to the corresponding control wires of the remote receiver : Orange to Orange, Blue to Blue, White to White, and Black to Black.

Connect the Green ground wire from the fan, and the Green ground wire from the hanging bracket and connect them to the ground wire (bare) in the outlet box.

Connect the Black "AC IN L" wire to the hot (Line) supply (Black).

Connect the White "AC IN N" to the neutral supply (White).



Now tuck the wires and wirenuts carefully into outlet box. Make sure wirenuts remain tightly on connections.

V. With the motor in place and the wires out of the way, slide the canopy up to the hanging bracket. The canopy screw in the bracket will come through the large end of the key slot in the canopy. Fig. 13. Turn the canopy slightly, counter-clockwise, to hold in place, and insert remaining canopy screw. Tighten the screws.

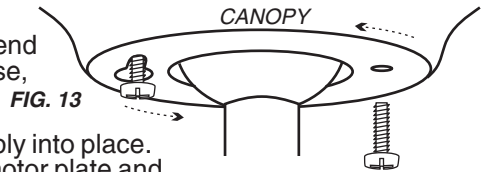


FIG. 13

VI. The next step is to mount the blade assemblies on the motor. Lift blade assembly into place. Balancing a motor screw on the end of the screwdriver, guide it up next to the motor plate and insert into a hole in the base of the blade iron. Fig. 14. Start this screw in an appropriate hole in motor. Now insert another into the other hole and tighten both screws. Repeat this with the rest of the blade assemblies, and retighten all of the screws.

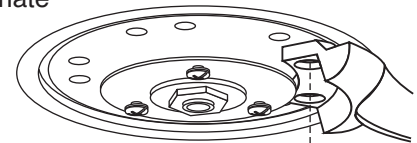


Fig. 14

VII.A. You're just about done now. Remove one of the three screws from the bottom mounting plate, and make sure the other two are slightly loosened.

B. Now is the time to decide whether you are installing the optional light dome.

If you are installing the light dome, lift the Light Fixture up to the bottom mounting plate. Plug in the two light wire connectors - Black to Blue, and White to White. See Fig 15. Position the wires and connectors within the hollow depression in the bottom mounting plate. Position the fixture so the two screws extend through the two keyway holes. Rotate the Light Fixture clockwise to lock in and install the screw removed earlier to secure the fixture to the fan. Tighten all screws securely. See Fig 16.

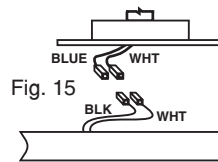


Fig. 15

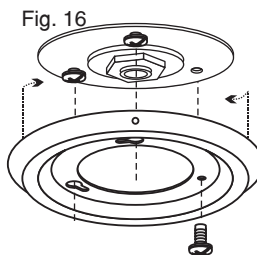


Fig. 16

C. If you are not installing the light, lift the Switch Cup Plate up to the bottom mounting plate, so that the two screws extend through the two keyway holes. Rotate the Switch Cup Plate clockwise to lock in and install the screw removed earlier. Tighten all screws securely. See Fig 16.

### VIII Turn the power supply back on and prepare to be comfortable!

With the reverse switch in the left position, the fan will provide downward air movement, this is the recommended setting. In the right position, air movement is upward. Speeds and intermediate lighting positions are adjusted using the external control.

IX. Troubleshooting	
Fan won't run -	Check power supply. Reverse switch is not fully engaged. Check wirenut connections. Double check wiring diagrams.
Fan makes noise -	Allow 24 hrs to fully seat bearings Screw(s) is(are) loose somewhere. The arches are loose against hsg. Ball is not seated properly. Solid-state control in the circuit.
Fan wobbles	Bracket is loose at the ceiling. Loose screw at top of fan. Ball is not seated properly.

We stand behind our product and always strive to satisfy our customer.

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Complete Assembly Breakdown Fig. 17

