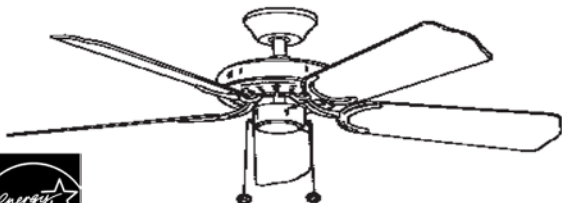




INSTALLATION INSTRUCTIONS

BUILDER - ENERGY STAR



QUESTIONS OR CONCERNS CONTACT CANARM AT:

1-800-265-1833 (ENGLISH)

1-800-567-2513 (FRENCH)

Monday through Friday 8:00 a.m. to 5:00 p.m. EST

IMPORTANT FOR YOUR RECORDS, RECORD AND KEEP THE FOLLOWING INFORMATION

Date of purchase: _____

Place of purchase: _____

Model on carton: _____

I.D.# (bottom of carton): _____

UPC (bottom of carton): _____

NOTE: FOR OPTIMUM QUIETNESS, FULLY ASSEMBLE FAN AND RUN FOR 24 HOURS

SAFETY PRECAUTIONS

1. Turn off power at main electrical service box before starting installation.
2. Electrical connections must comply with local code ordinances or national electrical codes.
3. Make sure the installation site you choose allows the fan blades to rotate freely without any obstructions.
4. When mounting the fan on a ceiling outlet box, use a metal octagon box. The outlet box and its support must be able to withstand the moving weight of the fan (minimum of 35 lbs.).

TOOLS AND MATERIALS REQUIRED

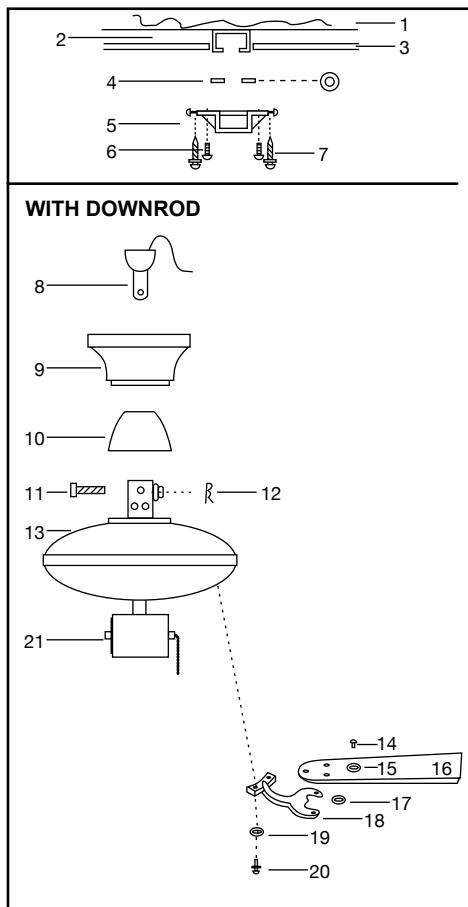
Adjustable wrench
Phillips screwdriver
Blade screw driver
Step ladder
Wire cutters
Wiring supplies as required

WARNING

- to reduce the risk of personal injury **DO NOT** bend the blade brackets when installing the brackets, balancing the blades or cleaning the fan. Also, **DO NOT** insert foreign objects in between rotating fan blades.
- mount only to an outlet box marked acceptable for fan support
- mount with the lowest moving parts at least 2.1 meters (6.9 feet) above floor grade level.
- **DO NOT** operate reversing switch while fan blades are in motion. Fan must be turned off and rotating blades stopped, reverse chain pull, the speed chain pulled again to start in the opposite direction.

ASSEMBLY DRAWING

1. wooden joist
2. metal outlet box (not provided)
3. ceiling
4. rubber gasket
5. mounting bracket
6. outlet box screws
7. wood screws & flat washers
8. downrod
9. canopy
10. yoke cover
11. bolt
12. cotter pin
13. motor
14. blade bracket screw
15. fibre washer
16. blade
17. rubber washer
18. blade bracket
19. lock washer
20. motor screw
21. switch housing



NOTE: Item #17 is only supplied on fans with high gloss blades

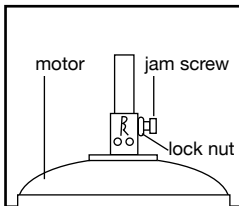
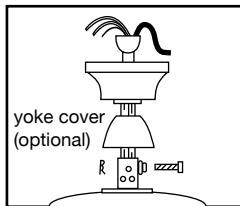
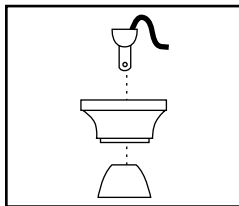
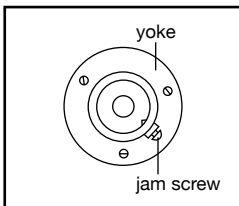
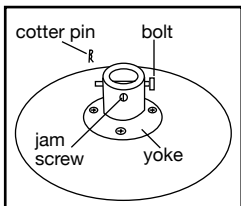
INSTALLATION

1. MOUNTING

***NOTE: all set screws must be checked and re-tightened where necessary after installation.**

DOWNROD MOUNT

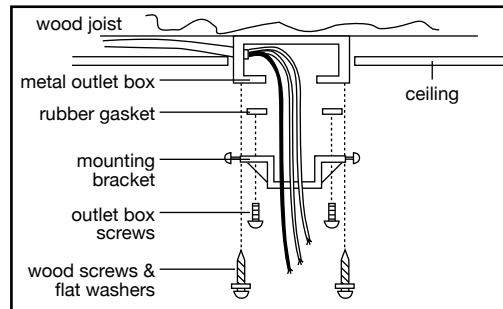
- obtain fan motor
- remove cotter pin and bolt from yoke
- loosen jam screw in yoke until it is flush with the inside surface
- obtain downrod and canopy (and yoke cover - optional)
- place downrod inside canopy (and yoke cover - optional)
- route wires and safety cable exiting motor through canopy and downrod
- insert bolt through hole in shaft and downrod
 - *be careful not to damage or cut the fan wires
- secure bolt with cotter pin
- secure downrod in position by tightening jam screws and lock nut
- place glass motor housing onto motor top
- slide yoke cover (optional) over yoke



INSTALLATION

2. INSTALL MOUNTING BRACKET

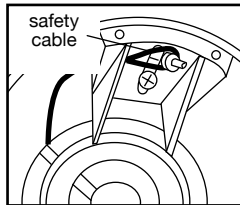
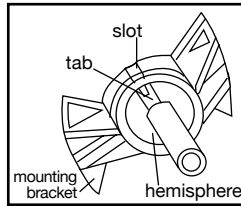
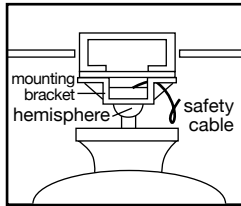
- secure rubber gasket and mounting bracket to metal outlet box using outlet box screws
- secure once more by placing two wood screws and flat washers (supplied) through outer slots of mounting bracket and into the wood joist. Leave one of the wood screws sufficiently loose to allow the safety cable to be looped around before final tightening.



INSTALLATION

3. HOOKING UP SAFETY CABLE (DOWNROD MOUNT)

- obtain fan and place hemisphere of downrod into mounting bracket
- rotate fan until the slot in the hemisphere locks into the tab of the mounting bracket
- place looped end of safety cable over the wood screw and flat washer not previously tightened (in Step 3)
- tighten above wood screw securing the safety cable



INSTALLATION

4. ELECTRICAL HOOKUP

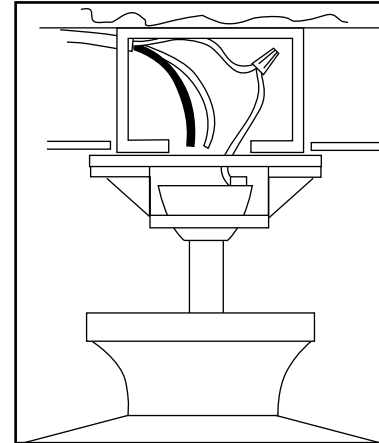
There are several different wiring combinations that can be used in controlling your ceilingfan to meet your specific requirements. Should the following method not meet your requirements call or visit your nearest Canarm distributor for a full list of fan accessories.

CAUTION

GREEN wire - GROUND
BLACK wire (fan) - POWER
WHITE wire (fan) - COMMON
RED/BLUE wire (light kit) - POWER

**See SAFETY PRECAUTIONS
on page 2 before wiring**

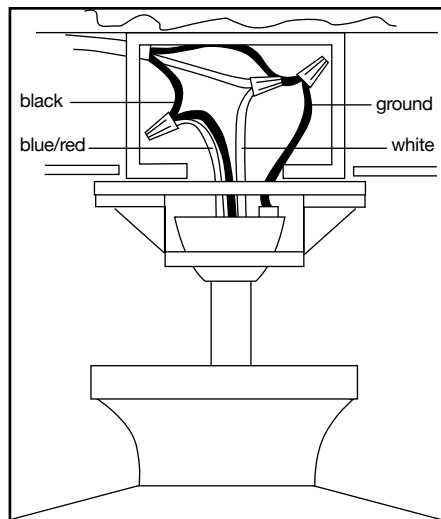
A. CONNECTING THE GROUND WIRE (GREEN)



NOTE: Once ground wires are connected, carefully tuck wires and marrette into the metal outlet box making sure that the wires are clear of the hemisphere and downrod when positioning in the mounting bracket.

4. ELECTRICAL HOOKUP (CONTINUED)

B. CONNECTING BLACK, WHITE & (BLUE OR RED) WIRES



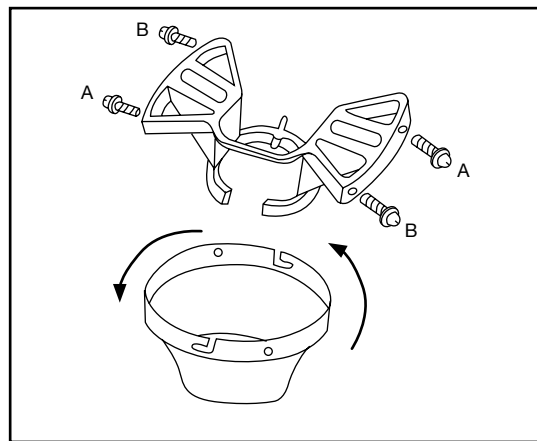
- connect white wire from outlet box to white wire from fan using marrette (not supplied).
- connect black wire from outlet box to black wire from fan plus (red or blue wire) using a marrette.

NOTE: A red or blue wire would be power for a light kit if applicable.

NOTE: Once ground wires are connected, carefully tuck wires and marrette into the metal outlet box making sure that the wires are clear of the hemisphere and downrod when positioning in the mounting bracket.

5. MOUNTING FAN ASSEMBLY

- loosen two screws and washers (B) on mounting bracket which correspond with the slots in the canopy
- remove two screws and washers (A) on the mounting bracket which correspond with the oblong holes in the canopy.
- position the canopy to the mounting bracket, aligning slots to the screws (B) then twist to lock
- position and tighten two screws and washers (A) then tighten the two screws (B)

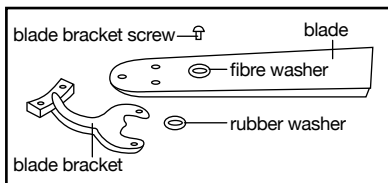


6. MOUNTING BLADE BRACKETS TO BLADES

A. "DIECAST" BLADE BRACKETS

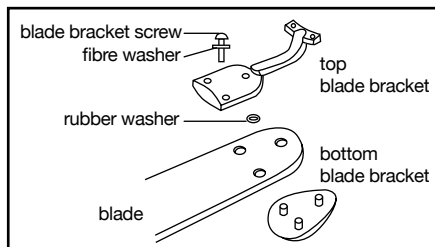
- obtain hardware package containing blade bracket screws and washers.
- place fibre washer over screw.
- place screw through blade hole and slip a rubber washer over the screw.
- align screw with blade bracket and secure.
- repeat for other two screws.
- once all blade brackets are attached to blades double check that screws are tight.

NOTE: Rubber washers only supplied on those fans with high gloss blades



B. "MEDALLION STYLE" BLADE BRACKETS

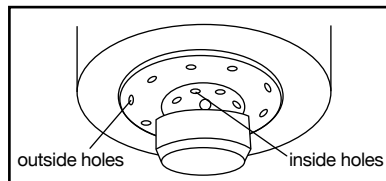
- obtain hardware package containing blade bracket screws and washers.
- place fibre washer over screw.
- place rubber washers in holes of blades.
- position bottom blade bracket and top blade bracket with blade.
- start screws and fibre washers by placing into top blade bracket and blade and threading into the bottom bracket.
- tighten screws only after the 3 screws have been started and blade brackets are straight on the blades.



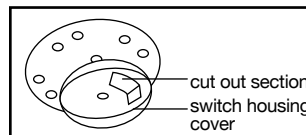
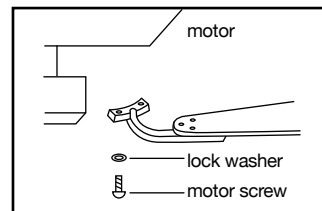
6. MOUNTING BLADE BRACKETS TO BLADES TO MOTOR

NOTE: Choice of 4 or 5 blades (option on some fans)

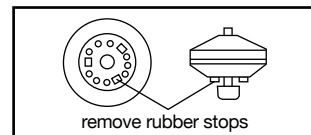
Some fans offer the option of four or five blade operation. In these cases there will be two rows of screw holes in the motor casing. The inside row will contain 8 holes for 4 blades and the outside row will contain 10 holes for 5 blade use.



- obtain hardware containing motor screws and lock washers.
- place lock washers over motor screws, position motor screws in blade brackets, and secure to motor.
- make sure all screws are tightened securely.

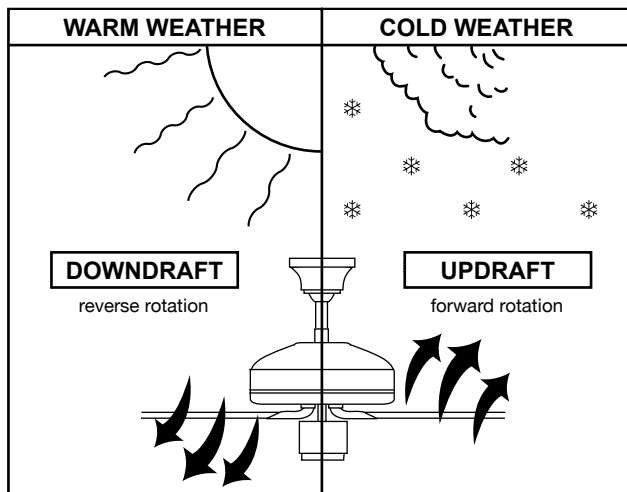


NOTE: On those fans with an extra wide switch housing cover there will be a cut out section provided allowing access to screws when installing the blade brackets.



NOTE: Fan comes with THREE RUBBER STOPS on motor for shipping purposes only. Remove stops before installing the blades to the motor.

CEILING FAN OPERATION



INSTRUCTIONS

A ceiling fan has a totally internal switching system for total operation by way of pull chain on a fan/light combination. Two pull chains will exist. One is for fan speeds. This will be marked (SPEED) on the fan switch housing.

1st Pull will give fan High Speed

2nd Pull will give fan Medium Speed

3rd Pull will give fan Low Speed

4th Pull will Shut Fan Off

The third pull chain is for Forward/Reverse (Note: Some models come with a slide switch instead of a pull chain). This setting would usually be changed once per year. Downdraft for summer to create a wind chill to give a cooling effect. An Updraft in winter to circulate the hot stratified air off the ceiling and back down to the floor without creating a wind chill.

Fans should be installed with the blades at least 3cms below the ceiling, 200cms from the floor and 60cms from the nearest wall. • Air should be moved downwards from the ceiling in the summer to provide a cooling breeze on the room occupants. • If the fan is used in the winter, air should be moved upwards towards the ceiling to disperse the warm air that tends to accumulate there and distribute it more evenly in the room. • During the summer, switch the fan and light off when you leave the room. Fans don't actually cool a room, they just cool you by circulating air.

TROUBLE SHOOTING

TROUBLE	SUGGESTION
Fan will not start	• check fuses and circuit breakers • check wiring connections to the fan • check wiring connections in switch housing *CAUTION: Turn power off for last two items
Fan sounds noisy	• check to make sure that all screws in motor housing are snug • check to make sure that blade bracket screws are tight • check to make sure marrettes in switch housing are not rattling against the wall of the switch housing • if fan has a light kit make sure switch housing, screws and set screws are tight • some fan motors are sensitive to signals from solid state variable controls. If solid state controller is used, change to alternative control (See a Canarm representative for a list of available controls.) • allow a 24 hour break in period to eliminate noises
Fan wobbles or shakes excessively	• check that all blades are screwed firmly into blade brackets • check that all blade brackets are secured firmly to motor • check distance from tip of blades to ceiling. Gently bend the blade brackets up or down until all distances are the same • check distance between blade tip to blade tip. All measurements should be equal. Loosen blade screws and position blade until even then re-tighten • check that the downrod hemisphere notch is engaged in canopy • check to make sure that jam screws in downrod are tightened • make sure canopy and mounting bracket are tightened securely to wooden joist • make sure warpage has not occurred in wooden blades. If so, contact the Canarm customer service department for replacement parts • occasionally slight weight variations can be caused by moisture during transportation. All fans are supplied with balancing kits and installation instructions to eliminate this problem



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Laval, Quebec
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PH: 450-665-2535
FX: 450-665-0910

CANARM 30 YEAR LIMITED WARRANTY

"THANK YOU" for purchasing a Canarm product. It is our policy to furnish you with high quality products at a fair price. With proper installation your fan should provide you with years of money saving comfort.

This fan is guaranteed to be free from defects in workmanship and material for a period of thirty (30) years from date of purchase. Within the first (1) year from date of purchase any defective product should be returned to your RETAIL OUTLET along with proof of purchase. For the balance of the warranty, twenty nine (29) years, the MOTOR WINDINGS ONLY, shall be free of defects. We will correct such defects or replace the motor assembly at our option if the product is returned, FREIGHT PREPAID, to Canarm. The returned fan must be accompanied by your proof of purchase and a cheque for \$20.00 for handling and labour charges.

All costs of removing and re-installing the product are YOUR RESPONSIBILITY. Damage to any part as such by accident, misuse, improper installation or by affixing any accessories IS NOT covered by this warranty. As a result of varying climatic conditions in our area this warranty does not cover any changes in finishes, including rusting, pitting, corroding, tarnishing or peeling.

WARRANTY VOID: In cases of alteration, abuse, installation not in accordance with instructions or REMOVAL of the cUL Sticker.