CANARM 5 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 five (5) 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, four (4) 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.
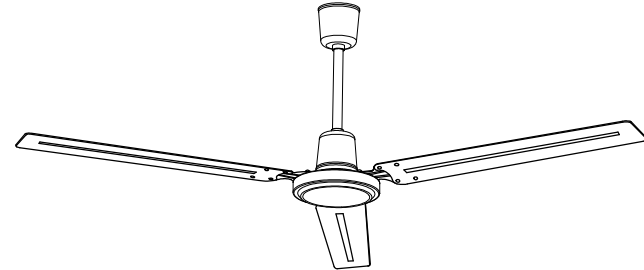
WARRANTY VOID: In cases of alteration, abuse, installation not in accordance with instructions or REMOVAL of the C.S.A. Sticker.

CANARM

INSTALLATION INSTRUCTIONS

Model: Industrial

"INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS"
"READ ALL INSTRUCTIONS"

"IMPORTANT SAFETY INSTRUCTIONS"
"SAVE THESE INSTRUCTIONS"

INSTALLATION AND WIRING TO BE IN ACCORDANCE WITH CEC, NEC, LOCAL ELECTRICAL CODES and ANSI/NFPA 70.
Consult a qualified electrician if you are not familiar with wiring.

TOOLS AND MATERIALS REQUIRED

- Philips Screw Driver   - Step Ladder
- Blade Screw Driver   - Wire Cutters
- Wiring supplies as required by electrical code.

Note to Installer: You are obligated to pass these instructions on to building maintenance or location Supervisor.

CSA
C   US

NOTE: FOR OPTIMUM QUIETNESS, FULLY ASSEMBLE FAN AND RUN 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, national electrical codes, CEC, NEC and ANSI/NFPA 70.

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 an approved (CSA for Canada and UL for U.S.) ceiling fan box marked "**FOR FAN SUPPORT**". Ensure the outlet box is securely installed in place such that it is able to support at least the fan weight.

5. WARNING: To reduce the risk of fire, electric shock, or personal injury, mount fan only to an outlet box marked acceptable for fan support and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

6. Total Fan Weight: approximate 5.5 kgs (12.13 lbs).

WARNING

1. 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.

2. Remove fan from the carton carefully and check for shipping damage. Check blades for bends and dents. In case assistance is required please contact our service centre.

3. Mount with the lowest moving parts at least 3.05 Meters (10 Feet) above floor or grade level.

4. All set screws must be checked and re-tightened where necessary after installation. No lubricants should be used on screws or hooks.

5. To reduce the risk of personal injury install the safety cable (per Fig. 1).

6. **DO NOT** attach blades before hanging the fan.

7. To reduce the risk of fire or electrical shock, ONLY use WAROF-02 wall control for speed control.

ASSEMBLY DRAWING

1. Wooden Joist
2. Approved (CSA for Canada and UL for U.S.) ceiling fan box (not provided)
3. Ceiling
4. J-Hook
5. Rubber Gasket
6. Mounting Plate
7. Outlet Box Screws (not provided)
8. Blade
9. Downrod c/w Ground Wire
10. Ceiling Canopy
11. Jam Screw
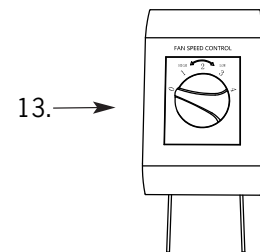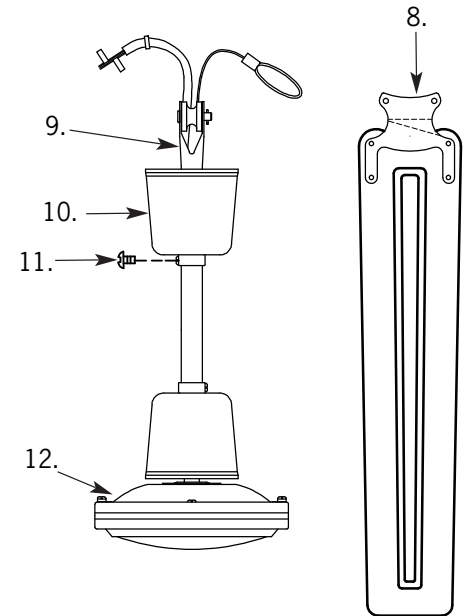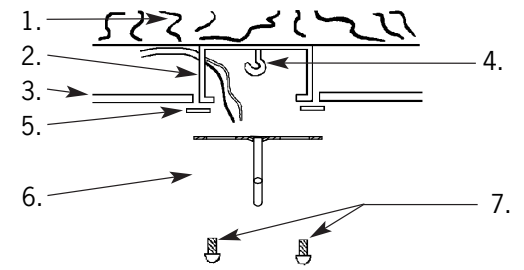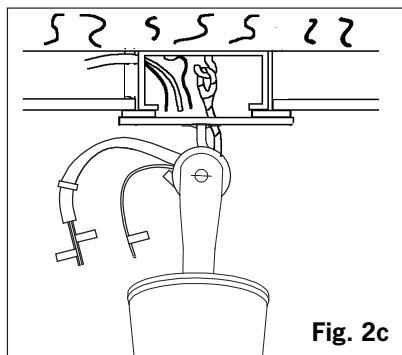12. Motor Assembly
13. Wall Control

CANARM®

1.
2.
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5.
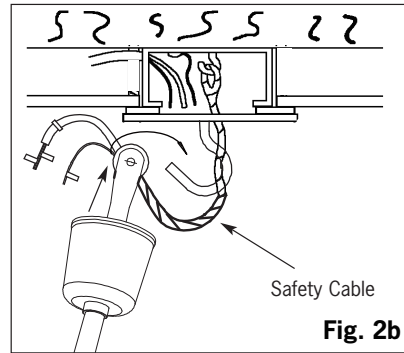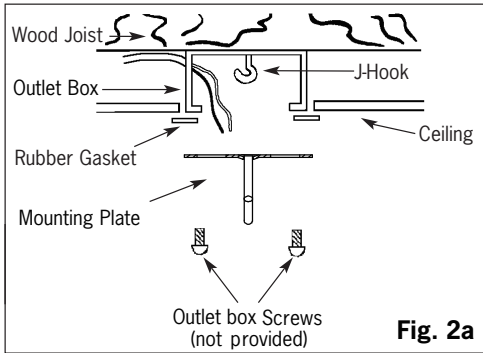4.
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FAN SPEED CONTROL

Fig. 1

1. INSTALL MOUNTING BRACKET

WARNING: To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To UL/CSA Listed Outlet Box Marked Acceptable for Fan Support And Use Mounting Screws Provided With The Outlet Box.

- Install J-Hook through centre of outlet box and into the wooden joist.
- Secure mounting plate and rubber gaskets to outlet box by outlet box screws.
- Hang the safety cable onto the J-hook.
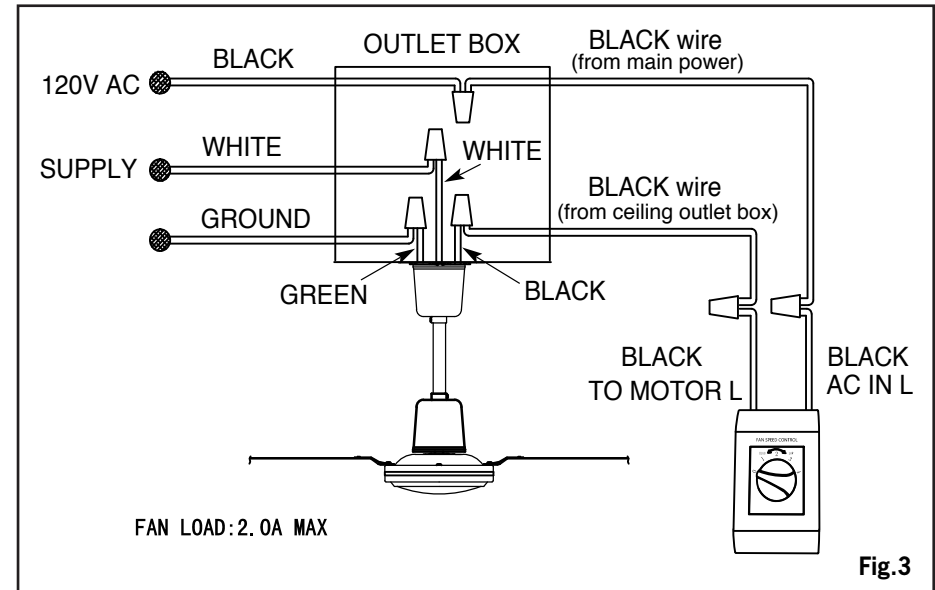- Hang fan on mounting plate

Wood Joist
Outlet Box
J-Hook
Ceiling
Rubber Gasket
Mounting Plate
Outlet box Screws
(not provided)

Fig. 2a

Safety Cable

Fig. 2b

Fig. 2c

TROUBLESHOOTING

TROUBLE	SUGGESTIONS
1. Fan will not start	- Check wiring connections to fan. - Check fuses and circuit breakers. - Check wiring connections in switch housing. **CAUTION: Turn power off for last two items.**
2. 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. - Allow a 24 hour break in period to eliminate most noises.
3. Fan wobbles or shakes excessively.	- Check that all blades are screwed firmly into blade brackets. - Check that blade brackets are secured firmly to motor. - Check distance from tip of blades to ceiling. - 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 to make sure that jam screws in downrod are tightened. - Make sure canopy and mounting bracket are tightened securely to wooden joist.

2. *ELECTRICAL HOOK-UP*

Make the following wire connections to the receiver unit (see fig. 3) using the wire nuts supplied.

- Connect GREEN fan wire to BARE Copper wire or GREEN housheld supply wire.
- Connect BLACK fan wire to BLACK household supply wire.
- Connect WHITE fan wire to WHITE household supply wire.
- After making the wire connections, ensure the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
- Ensure the splices after being made should be turned upward and pushed carefully up into the outlet box.
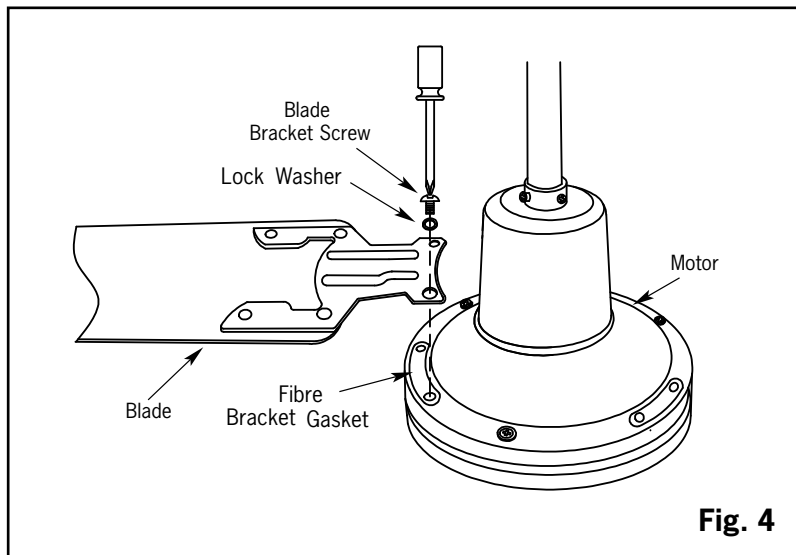

Fig.3

In Quebec, the installation of this product must be carried out by a qualified electrician.
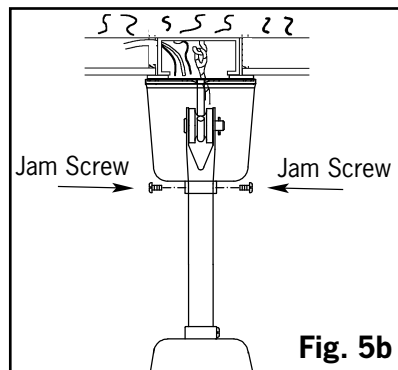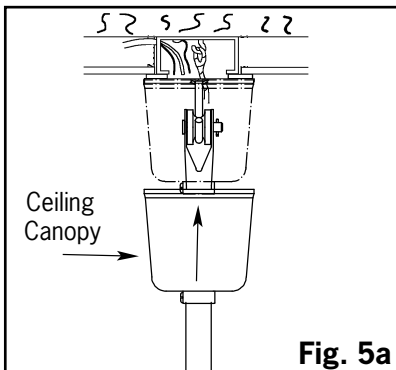
NOTE: Once ground wires are connected, carefully tuck all wires and marrettes into the metal outlet box making sure that the wires are clear of the hemisphere and downrod when positioned in mounting bracket.

3. FINAL INSTALLATION

A Mount the blade on motor assembly.

Blade Bracket Screw

Lock Washer

Blade

Fibre Bracket Gasket

Motor

Fig. 4

B Tighten the canopy of jam screw.

Ceiling Canopy

Fig. 5a

Jam Screw   Jam Screw

Fig. 5b

4. INSTALLATION OF WALL CONTROL

1. Connect the wires as shown.
   Connect BLACK wall control wire (marked with "AC in L") to the BLACK wire form main power on the wall outlet box.
   Connect BLACK wall control wire (marked with "TO Motor L") to the BLAKC wire that connected to the BLACK wire of the fan from ceiling.
2. Carefully push wire nuts into the outlet box after connections.
3. Install the mounting plate to the outlet box by 2 outlet box screws (not supplied).
4. Push firmly the front cover into the wall unit.

Fig. 6

Wire Nut

BLACK wire (from main power)

BLACK AC IN L

SCREW

WHITE (when applicable)

FAN SPEED CONTROL

OUTLET BOX

BLACK wire (from ceiling outlet box)

BLACK TO MOTOR L

KNOB

FRONT COVER