

CEILING FAN COMPANY

# **Owner's Guide and Installation Manual**



### 3M052XXO-V1 / 3MTR38XXO-V1 Series Fans

cETL Model Number of 3MO52XXO-V1: 3MOR52 cETL Model Number of 3MTR38XXO-V1: 3MTR38

Attach sales receipt to this card and retain as your proof of purchase

DATE OF PURCHASE:

RETAILER NAME:

MODEL NUMBER:

RETAILER ADDRESS:

To register your fixture, please visit our website www.montecarlofans.com



3MO52XXO-V1: 8.5 kg/18.7 lbs 3MTR38XXO-V1: 7.3 kg/16.1 lbs

Total fan weight with light kit

#### **Cautions and Warnings**

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

Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70-1999), including firerated construction.

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

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.

**WARNING**: Before you begin installing the fan, 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.

Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

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.

**WARNING**: To Reduce The Risk Of Fire, Electric Shock, or Personal Injury, Mount To Outlet Box Marked "Acceptable for Fan Support of 15.9 kg (35 lbs) or less" And Use Mounting Screws Provided With The Outlet Box.

**CAUTION:** For Compliance with Local Codes and Regulations, If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box. Mount the secondary support safety cable through the reserved nail/screw hole on the outlet box to the building structure (or the ceiling joist).

WARNING: To reduce the risk of personal injury, do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.

Attach the mounting bracket using only the hardware supplied with the outlet box.

WARNING: To reduce the risk of fire or electric shock, this fan must be installed with an isolating wall control/switch.

WARNING: 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.

If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

Never place a switch where it can be reached from a tub or shower.

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.

CAUTION: To Reduce the Risk of Electric Shock, Disconnect the electrical supply circuit to the fan before installing the light kit.

All set screws must be checked and tightened where necessary before installation.

Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers.

> Customer Service 800-969-3347

Customer Service Center 7400 Linder Ave. Skokie, IL 60077 www.montecarlofans.com



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 dis-connecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.



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.)



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



shown above. Tighten set screws securely



Carefully turn the motor over so that the upper housing is facing up. Remove the 3 screws holding the upper housing. Save for later use.



the motor.



Place the blade ring holder over the leadwires and safety cable. Place the blade ring holder onto the blades aligning the screw holes from the blades and ring holder.



Install the motor screws by tighten-ing securely.



Place the rubber gasket on the yoke by threading the leadwires and safety cable through the rubber gasket aligning the holes from the gasket and yoke.





Re-place the upper motor housing onto the fan motor. Be sure the holes are all aligned.

Note: Align the hole on top housing la-beled "REVERSE" with the reverse switch.



Tighten the screws removed from step 5. Tighten securely.



pin for later use.



Place the canopy over the downrod as shown above.



Thread the leadwires and safety cable through the downrod.



Place the downrod into the yoke aligning the holes on downrod with the holes on the yoke and then re-install the cross pin removed in step 12. Tighten securely.





Hang the assembled fan from the mounting bracket. Be sure to turn the fan to lock the slot/tab from the fan and mounting bracket in place.



For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod modes the safety cable must be installed into the house structure beams using 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. **Note**: If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box.



Tighten the set screw on the yoke.





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 Red 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.



Receiver to the same settings. This must be done so the units will communcate 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 positions to have separate control.



Slide remote receiver into mounting bracket.



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.



Lift the canopy up and twist to lock into place. Tighten the screws securely.



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.



Attach the glass aligning the dimples from the glass and twist to lock into place.



Remove cover by snaping off from top or bottom. 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.



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 snaping into place.





with screws provided. Snap battery cover in place.



Reverse function for this fan is a switch on top housing of the fan body. Turn fan off and flip switch this will reverse the direction of the blades.

### **Remote Control Transmitter Features:**



**FAN SPEED** Depress "1 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.	
1. If fan does not start:	1. Check main and branch circuit fuses or circuit breakers.
	<ul> <li>2.Check line wire connections to fan and switch wire connections in switch housing.</li> <li>3.Check to make sure the dip switches from transmitter and receiver are set on the same frequency.</li> <li>CAUTION: Make sure main power is turned off.</li> <li>4.Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle.</li> </ul>
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.
	<b>CAUTION:</b> 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.
	<b>DO NOT USE a Solid State variable speed control.</b> 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. 2.Check that all blades are screwed firmly into blade holders.
	<ol> <li>Check that all blade holders are tightened securely to motor.</li> <li>Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and implicit the secure of the sec</li></ol>
	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 measure- ment. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the fol-
	lowing 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.
	CAUTION: Make sure main power is turned off before entering switch housing or canopy.
	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.

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