



## INSTALLATION INSTRUCTIONS

42" HUGGER FAN MB BK  
Model No.: 410TSH42MBBK

### Safety Instructions

READ ALL SAFETY INFORMATION AND INSTALLATION INSTRUCTIONS BEFORE YOU BEGIN INSTALLING THE FAN. SAVE INSTRUCTIONS.

- All set screws of the fan must be checked and retightened where necessary before installation.
- To reduce the risk of personal injury, do not bend the blade brackets when installing the brackets, balancing the blades or cleaning fan. Do not insert foreign objects in between rotating fan blades.
- Before changing the fan direction, turn off the fan and wait for the fan blades to stop completely.
- If a stationary appliance is not provided with a supply cord and a plug, or with other means for disconnection from the mains supply having a contact separation of at least 3 mm in all poles, that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- NOTE: The safeguards provided by these safety instructions and by the separate installation instructions are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which can not be built into this product. These factors must be supplied by the person(s) installing, caring for and operating the fan.

### WARNING

- TO AVOID RISK OF ELECTRIC SHOCK, BE SURE TO SHUT OFF POWER AT THE MAIN FUSE OR CIRCUIT BREAKER BOX BEFORE INSTALLING OR SERVICING THIS FIXTURE. TURNING OFF THE ELECTRICAL POWER BY USING THE LIGHT SWITCH IS NOT SUFFICIENT TO PREVENT ELECTRICAL SHOCK.
- TO REDUCE THE RISK OF INJURY, INSTALL THE FAN SO THAT THE BLADES ARE AT LEAST 7 FEET (2.1 METERS) ABOVE THE FLOOR AND AT LEAST 18 INCHES (0.5 METERS) FROM THE TIP OF THE BLADES TO THE WALL.
- TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, MOUNT TO OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT" AND USE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX.
- THE INSTALLATION HAS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ANSI/NFPA 70-1999 AND LOCAL CODES. IF YOU ARE UNFAMILAR WITH THE METHODS OF INSTALLING ELECTRICAL WIRING, SEEK THE SERVICES OF A QUALIFIED LICENSED ELECTRICIAN.





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## ASSEMBLY AND INSTALLATION INSTRUCTIONS

### Installation Steps:

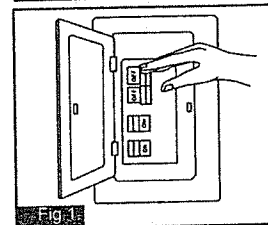


Fig. 1 Turn off the electrical power

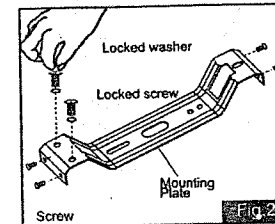


Fig. 2 Unscrew the locked screws, locked washers and screws from mounting plate.

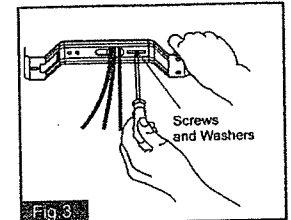


Fig. 3 Secure the mounting plate to the electrical ceiling outlet box with two mounting screws and lock washers (Not provided as they come from your ceiling box).  
NOTE: Pull the electrical wires from the outlet box through the center hole of the mounting plate for motor wiring installation.

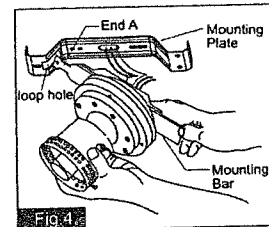


Fig. 4 Attach hang motor assembly onto mounting plate. Insert the End A of mounting bar through the loop hole of the mounting plate for hands-free wiring. (See fig4-1 and fig4-2)

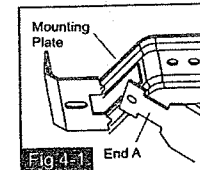


Fig. 4-1 Before install

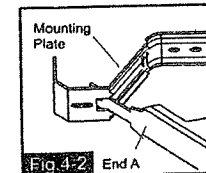


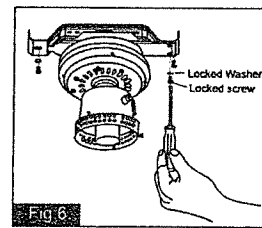
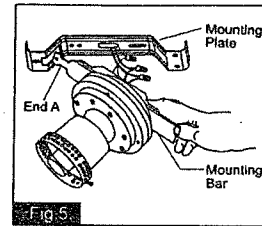
Fig. 4-2 After install



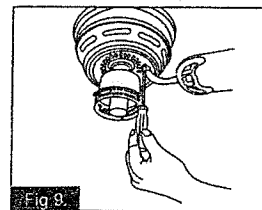


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Attach the mounting bar to the mounting plate with the locked washers and locked screws using a screwdriver. (Tighten the three locked screws securely)

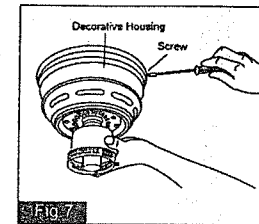


Secure the blade holders to the motor with motor screws.

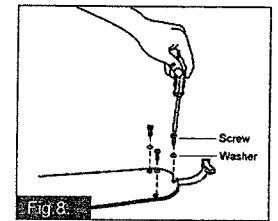
**Make wire connections:**

- 1) The white motor wire to the white wire from outlet box with a wire nut.
  - 2) The black and blue motor wires to the black wire from outlet box with a wire nut.
  - 3) The ground wire from ceiling outlet box to the ground wire from the motor with a wire nut.
- 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 the 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.

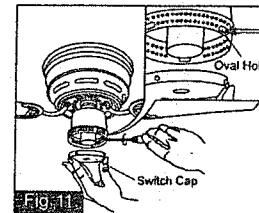
**Instructions for supply connections:** Conductor of a fan identified as grounded conductor to be connected to a grounded conductor of power supply. Conductor of a fan identified as ungrounded conductor to be connected to an ungrounded conductor of power supply. Conductor of fan identified for equipment-grounding to be connected to an equipment-grounding conductor.



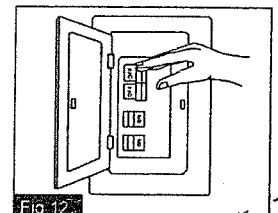
Place the decorative housing over the motor assembly and against the ceiling to match with the holes in the perimeter of mounting plate. Secure the housing to the mounting plate with the screws removed in Fig. 2. Tighten these four screws securely.



Mount each blade holder to fan blade using three screws and washers.



Loosen the set screws to remove the glass. Attach the switch cap provided to the switch box with three switch box screws and washers.



Turn on the electric power





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**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. Do not insert foreign objects in between rotating fan blades.

**WARNING:**

To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked acceptable for fan support and use mounting screws provided with the outlet box.

**WARNING:**

To reduce the risk of fire, or electric shock, do not use this fan with any solid-state speed control device.

**CAUTION:**

To reduce the risk of personal injury, install the primary mounting means and use only the hardware provided with the fan.

### Trouble Shooting Guide

If you have difficulty in 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 Department.

| TROUBLE                    | SUGGESTED REMEDY   |
|----------------------------|--|
| 1. If fan does not start:  | <ol style="list-style-type: none"><li>1. Check main and branch circuit fuses or circuit breakers.</li><li>2. Check line wire connections to fan and switch wire connections in switch housing.</li><li><b>CAUTION:</b> Make sure main power is turned off.</li><li>3. Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle.</li><li>4. Make sure that the wall controller is "On".</li></ol>   |
| 2. If fan sounds noisy:    | <ol style="list-style-type: none"><li>1. Make sure all screws in motor housing are snug. (Do not overtighten)</li><li>2. Make sure the screws which attach the fan bladeholder to the motor are secure.</li><li>3. Make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing.</li><li><b>CAUTION:</b> Make sure main power is turned off before entering switch housing.</li><li>4. If using an optional ceiling fan light kit, check to be sure the screws securing the glassware are finger tight. Check to make sure the light bulb is tight in socket and not touching glass shade(s). If vibration persists from glass, remove glass and install a 1/4" wide rubber band on glass neck to act as an insulator. Replace glass and tighten screws against rubber band.</li><li>5. Some fan motors are sensitive to signals from solid state variable speed controls. DO NOT USE a solid state variable speed control.</li><li>6. Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.</li></ol>  |
| 3. If fan wobbles:         | <p>All blades are weighed and grouped by weight. Natural woods vary in density that could cause the fan to wobble even though all blades are weight-matched. The following procedures should eliminate most of the wobble. Check for wobble after each step.</p> <ol style="list-style-type: none"><li>1. Check that all blades are screwed firmly into blade holders.</li><li>2. Check that all blade holders are tightened securely to motor.</li><li>3. Make sure that canopy and mounting bracket are tightened securely to the ceiling junction box and that the junction box is mounted firmly to the ceiling joist.</li><li>4. Most fan wobble problems are caused by uneven blade levels. Check the levels by selecting a point on the ceiling above the tip of one of the blades and measure the distance (within 1/8") between the point and the tip of the blade to be measured. Rotate the fan and repeat measurement 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.</li><li>5. If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.</li></ol> |
| 4. If light does not work: | <ol style="list-style-type: none"><li>1. Check blue wire from fan to make sure it is connected to hot wire from house.</li><li>2. Check for loose or disconnected wires in fan switch housing.</li><li>3. Check for loose or disconnected wires in light kit.</li><li>4. Check for faulty light bulbs.</li></ol> <p><b>CAUTION:</b> Make sure main power is turned off before entering switch housing.</p>   |

