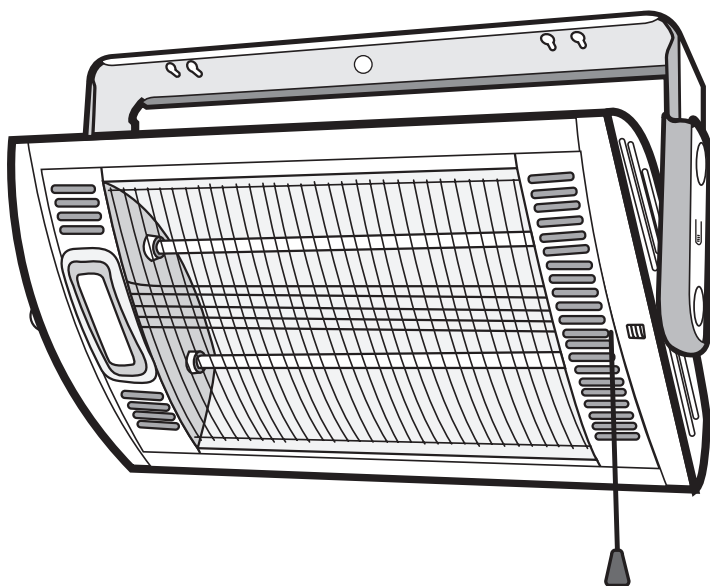


MASTERCRAFT™/MC

CEILING-MOUNTED HEATER

Model No: 052-9867-0



IMPORTANT:

Please read this manual carefully before running this heater and save it for reference.

INSTRUCTION MANUAL

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NOTE:

If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.



SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions.
Read all instructions and follow them with use of this product.

SAFETY GUIDELINES

When using this electric unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read ALL instructions before using this unit.
2. CAUTION: Risk of electric shock. DO NOT open or try to repair the heater yourself.
3. This heater may get hot when in use. To avoid burns, DO NOT let bare skin touch hot surfaces. If provided, use handles when moving this heater.
4. Keep combustible materials, such as furniture, pillows, bedding, paper, clothes, and curtains at least 3' (0.9 m) from the front of the heater and keep them away from the sides, top and rear. DO NOT place towels or other objects on the heater.
5. Extreme caution is necessary when any heater is used by or near children or the disabled, or any time the heater is operating.
6. Do not operate this heater unattended or while sleeping.
7. DO NOT operate any heater with a damaged cord, or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
8. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. NEVER locate heater where it may fall into a bathtub or other water container. To protect against electrical hazards, DO NOT immerse in water or other liquids. This heater is not intended to be a primary heat source or replacement for a furnace.
9. DO NOT touch the control panel or plug with a wet hand.
10. DO NOT run cord under carpeting. DO NOT cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic areas and where it will not be tripped over.
11. DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
12. To prevent a possible fire, DO NOT block the air intakes or exhaust in any manner. DO NOT use on soft surfaces, like a bed, where openings may become blocked.
13. A heater has hot and arcing or sparking parts inside. DO NOT use in areas where gasoline, paint, explosive and/or flammable liquids are used or stored. Keep unit away from heated surfaces and open flames.
14. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
15. To avoid fire or shock hazard, plug the unit directly into a 120 V AC electrical outlet.
16. To disconnect heater, turn controls to OFF, then remove plug from outlet. Pull firmly on the plug. DO NOT unplug by pulling on the cord.
17. Always unplug the unit before moving or cleaning, or whenever the heater is not in use.
18. Use only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by unauthorized dealers may cause hazards.
19. DO NOT use outdoors.
20. WARNING: To reduce the risk of fire or electric shock, DO NOT use this unit with any solid-state speed control device.
21. DO NOT attempt to repair or adjust any electrical or mechanical functions this unit. Doing so will void your warranty. The inside of the unit contains no user-serviceable parts. Qualified personnel should perform all servicing only.
22. Connect to properly-grounded outlets only.

1. **PET OWNERS NOTE:** The health of birds and some small pets are extremely sensitive to the fumes given off during the initial use of many appliances. Although these fumes are not harmful to humans, it is recommended that this heater not be used around birds and small pets during its initial use until the manufacturing corrosion coatings burn off.
2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the appliance.
4. **WARNING:** In order to avoid overheating, do not cover the heater.
5. Save these instructions.

THERMAL CUT-OFF PROTECTION FEATURE

- This heater is equipped with a thermal cut-off protection feature. When the heater's internal components reach a certain temperature that could cause overheating and possible fire, the heater will automatically shut off. To reset, turn the heater off. Unplug the heater and let it cool down for around 20 minutes. Plug the heater back into the wall outlet and operate the heater as described in the operating instructions.

FEATURES

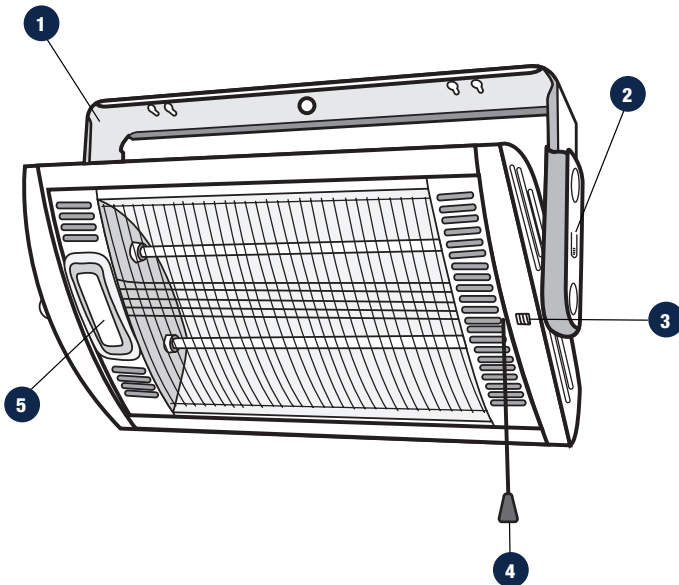
Adjustable Angle Halogen Light	
Pull String Switch	Controls Heat Settings and Halogen Light
High Efficiency Quartz Elements	Provides Safe Heat
Power Indicator Light	
Durable Metal Housing	
90° Tilting Bracket	
3-Prong Bracket	

SPECIFICATIONS

Model	052-9867-0
Power	120 V AC / 12.5 A
Frequency	60 Hz
Settings	High 1500 W, Low 750 W

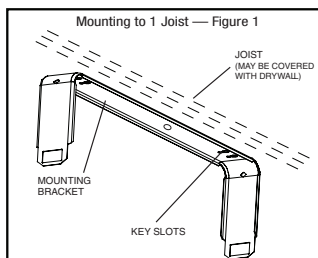
PARTS LIST

No.	Description	Qty.
1	Mounting Arm Connected to mounting bracket	1
2	Arm Release Button Push button on both sides to release heater from mounting bracket	1
3	Power Setting Indicator 0 = Off Position I = Position 1: 750 W; One Element II = Position 2: 1500 W; Two Elements III = Position 3: 750 W; One Element with Light VI = Position 4: 1500 W; Two Elements with Light	1
4	Pull Cord To select power settings	1
5	Halogen Lamp	1

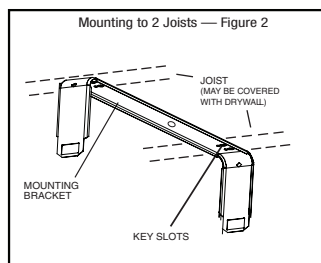


MOUNTING BRACKET INSTALLATION

- 1 Locate a desired position on your ceiling in the area to be warmed. Heater should be at least 3' (0.9 m) away from the nearest wall or other combustible material.



- 2 The mounting bracket may be attached to a single joist (Fig. 1) or span across two joists (Fig. 2). Failure to mount heater to joists can result in injury and/or fire hazards.



- 3 If you are installing the bracket to an unfinished ceiling with exposed joists, proceed to step 4. On a finished ceiling, the joists are hidden behind the ceiling dry wall or plaster. You must locate and mark the location of the centre of the joists in the mounting area. Joists are typically 1 1/2" (3.8 cm) wide and 16" (40.6 cm) or 18" (45.7 cm) apart. They usually run parallel with the narrow dimension of the room. A "stud finder," available at most hardware stores, may help in locating the centre of these hidden joists.
- 4 Using the mounting bracket as a template, line up one of the key slots at each end of the bracket with one or two joists and mark the slotted openings. If you cannot line up the holes in the bracket with the joists you will have to use other mounting methods. See "Mounting Board Installation."
- 5 Using a 1/8" (3.2 mm) drill bit, drill a hole in the centre of each marked key slot. Install the two screws provided leaving about 1/4" (6.4 mm) between the head of the screw and the mounting surface. Slip the mounting bracket over the screw heads and slide the bracket to engage the screws in the slots. Tighten screws securely.

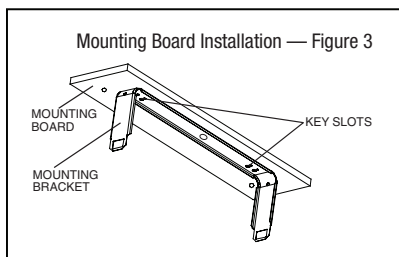
NOTE: Heater should be at least 3' (0.9 m) away from the nearest wall or other combustible material.

SWIVEL MOUNTING INSTALLATION

- 1 Locate a desired position on your ceiling in the area to be warmed. Heater should be at least 3' (0.9 m) away from the nearest wall or other combustible material.
- 2 The mounting bracket may be attached to a single joist (Fig. 1). Failure to mount heater to joists can result in injury and/or fire hazards.
- 3 If you are installing the bracket to an unfinished ceiling with exposed joists, proceed to step 4. On a finished ceiling the joists are hidden behind the ceiling dry wall or plaster. You must locate and mark the location of the center of a joist in the mounting area.
- 4 Using a 3/16" (4.8 mm) drill bit, drill a hole in the centre of the joist. Line up the bracket with the hole and install the bracket using the large screw and washer provided. Tighten screw securely and then back off about a 1/2 turn to be able to swivel the heater to desired position.

MOUNTING BOARD INSTALLATION (IF REQUIRED)

- 1 If your joists are more that 18" (45.7 cm) apart, or you have chosen to mount the heater at an angle to the joists, as in a corner or to a suspended ceiling, a mounting board will be needed to provide a surface to attach the mounting bracket (Fig. 3). The mounting board should be a board measuring approximately 1" (2.5 cm) thick by 2" (5.1 cm) wide, and long enough to span two or more joists. For either swivel or key slot installations, securely bolt or screw the mounting board into desired position. Continue with the installation following the instructions for the desired heater bracket mounting installation.



WARNING!

- Always remove screw from each arm first before attaching heater to mounting bracket.
- Do not forget to replace the screws back in each arm after attaching heater; otherwise, heater could slide out of mounting bracket and cause injury or damage.

WARNING!

- Do not adjust the heater while it is operating. Do not adjust the halogen lamp while it is operating.
- The metal parts of the housing and the lampshade get very hot and can cause a burn.
- Always turn your heater off and allow time for it to cool before adjusting.

WARNING!

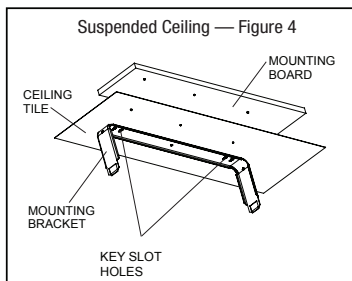
- Do not attempt to remove the heater one arm at a time as this could cause damage to the heater cabinet.

WARNING!

- The rotating arms on this heater will not fold flat with the body of the heater for safety reasons.
- Attempting to fold this heater flat could cause damage to the heater housing.

SUSPENDED CEILING MOUNTING INSTALLATION

- 1 Select a ceiling tile in the desired location and a mounting installation option (either swivel or key slot installation. See previous page for option descriptions).
- 2 Using the mounting bracket as a template, mark the tile with the appropriate hole location(s).
- 3 Construct a mounting board exactly 23 3/4" (60.3 cm) long for a 24" (61 cm) grid. See "Mounting Board Installation."
- 4 Remove the marked tile from the ceiling. Position the mounting board behind the tile and behind the marked hole location(s). Make sure the ends of the mounting board and the tile are aligned.
- 5 Drill 1/8" (3.2 mm) holes THROUGH THE TILE AND MOUNTING BOARD WHERE MARKED.
- 6 Using the hardware supplied, attach the mounting bracket to the mounting board with the ceiling tile sandwiched in between. (See Fig. 4)
- 7 Reinstall assembled heater bracket/ceiling tile/mounting board in ceiling. Refer to "Attaching Heater to Mounting Bracket" in these instructions.



ATTACHING HEATER TO MOUNTING BRACKET

- 1 Your heater is equipped with rotating arms at each end of the unit. To conserve space in shipment, these arms are in line with the heater body and must be repositioned before installation. With your heater laying face down, rotate each arm slowly upward until they are perpendicular to the body. For safety reasons, once rotated, the arms cannot be returned to their original position.
- 2 Remove screw from both arms; then, holding the heater by the arms (one in each hand), slide the arms onto the mounting bracket until it locks into place.
- 3 Replace the screws in each arm after attaching heater. Do not forget to replace the screws back into each arm and nut after you finish attaching it to the heater; otherwise, the heater can slide out of mounting bracket and cause injury or damage.
- 4 Plug the heater into a 120 V AC grounded outlet. Keep the cord away from the front of the heater. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip). Always unplug heater/fan when not in use.
- 5 Adjust the angle and rotation of the heater to direct the heat where needed.

REMOVING HEATER FROM MOUNTING BRACKET

- 1 Unplug heater and allow to cool.
- 2 Remove screw from each arm.
- 3 Push in the two tabs on the outside of each arm.
- 4 Grasp both arms and simultaneously pull the unit down while holding the tabs in.

OPERATING INSTRUCTIONS

- 1 Inspect heater for damage which may have occurred during shipment. DO NOT operate if any damage is noted. Return damaged heater to retailer or factory for repair or replacement.
- 2 Install heater to an overhead location (SEE ASSEMBLY INSTRUCTIONS).
- 3 Plug heater into 120 V AC, 60 Hz AC grounded outlet.
- 4 Rotate heater to aim in desired direction.
- 5 Set power setting indicator to the desired position by pulling the pull-cord.

CLEANING

Make sure to disconnect the plug from the wall outlet before any servicing is started. Always allow the heater to cool completely. Do not pour water on or submerge any portion of heater or any other liquid. Allow unit to completely dry before plugging the heater into a receptacle.

1. Turn off the power switch.
2. Unplug the unit and let it cool completely.
3. To keep the heater clean, the outer shell may be cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. CAUTION: DO NOT let liquid enter the heater.
4. If it becomes necessary to clean the interior, first remove the heater from the mounting bracket (see installation instructions). Then remove 4 screws from the grille. Be sure to reattach the grille with the screws before operating heater again. Never touch the quartz elements with bare hands. Do not use cleaners on the inside of the heater. Simply wipe any debris with a moist cloth.
5. Wait until the unit is completely dry before use.

Note:

- DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
- DO NOT immerse the heater in water.

STORAGE

- After cleaning, store the heater in a cool, dry location when not in use. To prevent dust and dirt build-up, use the original packaging to repack the unit.

REPLACING HALOGEN LAMP

1. This model heater features an exclusive, replaceable halogen lamp system. In the event that a halogen lamp in this heater should break, burn-out or become inefficient, you can purchase replacement halogen lamps. Halogen lamps (use only type G9, 120 V, 60 Hz, 25 W) are available at most hardware and home centre stores.
2. Unplug heater, then remove it from mounting bracket.
3. Open lamp cover: Remove the screw located at the side of lamp cover. Open the lamp by using the tip of a screwdriver to lift off the lamp cover.
4. Remove old lamp: Grasp the old lamp and carefully pull it out of the lamp holder.
5. Install new lamp: Install new lamp using clean cloth or gloves. Insert end of the lamp into the lamp holder.
Warning: Replacement bulb rating must not exceed 25 W.
6. Close lamp cover and re-install screw. Snap heater onto properly installed mounting bracket before use.



WARNING!

This heater has a voltage rating of 120 V. The cord has a three-prong plug and should be connected to a properly grounded three prong outlet.

DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.

WARNING!

It is normal for the power cord to feel warm to the touch; however, a loose fit between the outlet and the plug may cause overheating of the plug. If the plug is loose, do not use this outlet. Rather, try inserting the plug into a different outlet. Contact a qualified electrician to inspect the original outlet.

WARNING!

- Replacement bulb rating must not exceed 25 W.
- Never touch a halogen lamp with bare hands. Oil residue from bare hands will cause lamp failure.

This Mastercraft product is guaranteed for a period of **one (1) year** from the date of original retail purchase, against defects in materials and workmanship.

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification), at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.

This warranty is subject to the following conditions and limitations

- a. a bill of sale verifying the purchase and purchase date must be provided;
- b. this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c. this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product which are expected to become inoperative or unusable after a reasonable period of use;
- d. this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups or adjustments;
- e. this warranty will not apply where damage is caused by repairs made or attempted by others (i.e., persons not authorized by the manufacturer);
- f. this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g. this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
- h. this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners; and
- i. this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional Limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

Made in China.

Imported by Mastercraft Canada Toronto, Canada M4S 2B8

