

# MagraHearth Mantel Mounting Instructions

## Non-Combustible ASTM E-136\*

\*Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750 Degrees

### Tools needed:

### Parts:

Power screw driver with Phillips head drive	1- MagraHearth Mantel
Level	1- Mounting Bracket 2" x 3"
Tape Measure	4- 2 ¼" self-drilling screws for Mantel
Stud Locator	8- 2 ¼" sharp point screws for Mounting Bracket

*Our product line is designed to be non-combustible, light weight and unique. The mantels and mantel products are true replications of century's old & natural materials. There are inherently irregular aspects of these artifacts.*

Note: It is recommended that two people lift and install mantel.

### Before you begin:

- If you are unable to find studs, you will need to open the wall and add wood studs or 16 gauge metal studs, if in the non-combustible zone.

### Requirements for safely mounting the mantel

#### 1. Minimum Stud Requirements

- Three studs for 5 ft. mantels
- Four studs for 6 ft. mantels

2. Using 2 ¼" sharp point screws, attach mounting bracket to studs with two screws per stud. See drawing on page 2 for details.

3. The mounting bracket that is 2" x 3" should be installed 3" flat on wall with 2" on top.

- If part or all of the mantel is over the metal face of the unit, self-tapping screws may be used to install mounting bracket directly to the unit.
- If attaching mounting bracket over a masonry surface use proper masonry anchor for the type of surface you are attaching to- consult your fastener supplier. The anchor should be able to support 4 times the load.

### Clearance Requirements

The clearance is measured from the top of the glass or opening of the fireplace to the bottom of the mantel. The height requirement for Gas, Wood Burning or Electric Fireplaces should be a minimum listed below, unless specified differently by the fireplace manufacturer.

Under 50,000 BTU's – 6"

Over 50,000 BTU's – 12"

## INSTALLATION INSTRUCTIONS

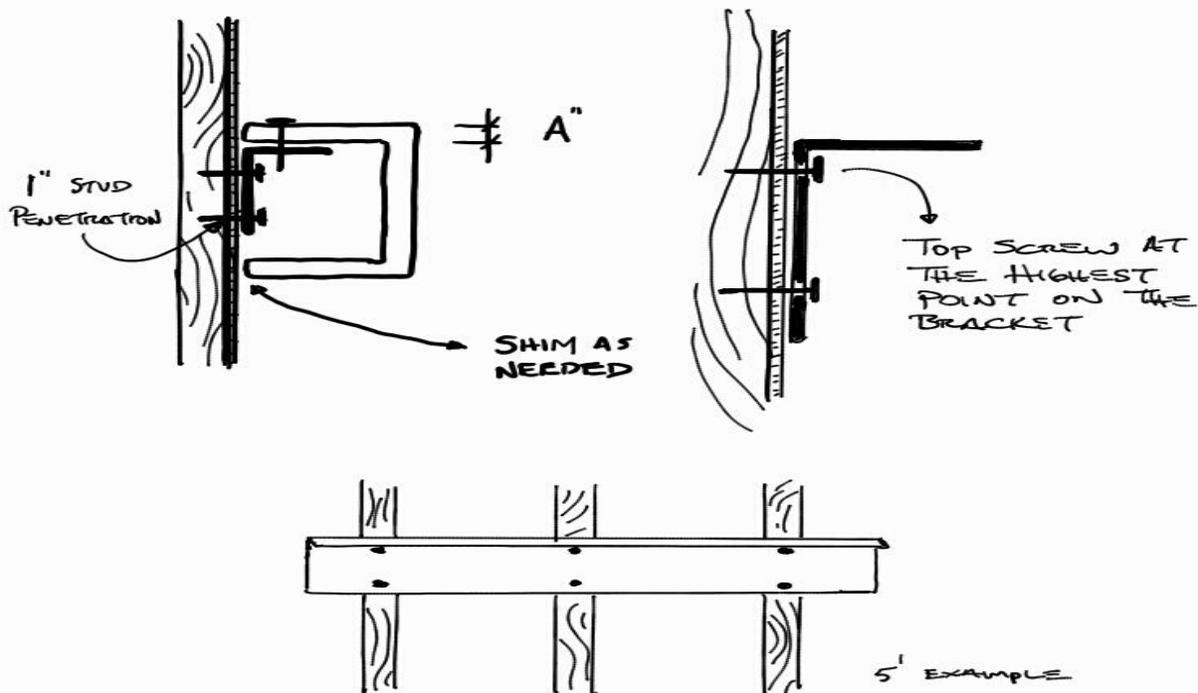
**Step 1** Unpack mantel from box. Remove protective foam.

**Step 2** Remove mounting bracket carefully from inside mantel. Mounting screws will be in a plastic bag inside the mantel.

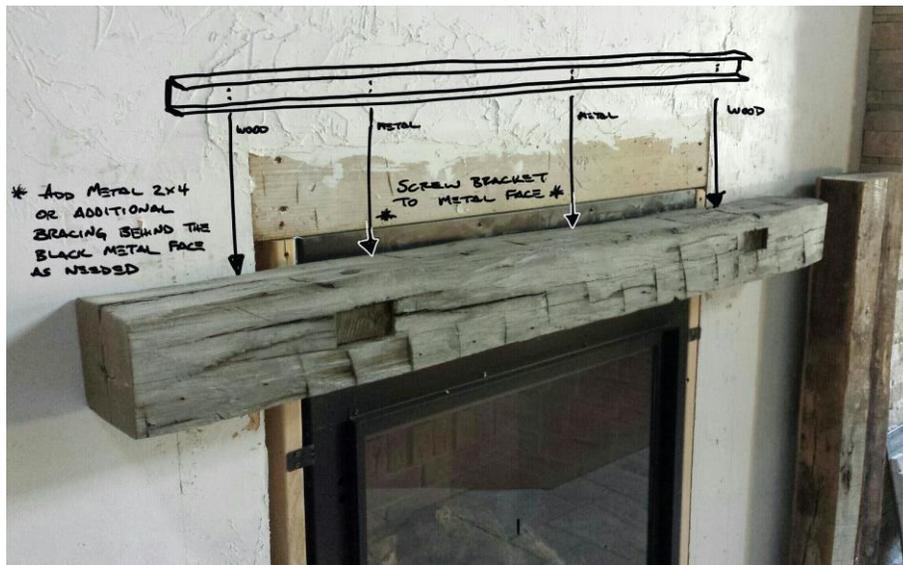
**Step 3** Determine and mark vertical and horizontal center for top of mantel on wall. The top flange of mantel has pre-drilled mounting holes.

**Step 4** Due to varying mantel sizes, subtract dimension "A" from top mantel horizontal centerline for mounting angle placement.

- Now that you have determined the correct height for attaching the mantel draw a horizontal line. Install centered mounting bracket with 2 sharp point screws
- You will need two people to place the mantel on the bracket and check for level, take the mantel off and stabilize the mounting bracket with remaining screws.



\*Picture below is if the mantel is over the metal on fireplace unit. Still finding 3 studs for a 5ft and 4 studs for a 6ft mantel.



### Step 5

- With 2 people, lift the mantel and place it over the mounting bracket.
- When centered and flush against wall, place (1) 2 ¼" inch self-drilling screw in the center pre-drilled holes on top of mantel. Screw through mounting angle until fastener head is flush with countersunk hole. **DO NOT OVER TIGHTEN.**

**Fasten screws through the provided holes on top of mantel.**

**Do not screw through the bottom of the mantel.**

### Step 6

- Check mantel that the mantel is level from front to back.
- Shims may be required to level the mantel. Install non-combustible shims over the studs.

## Cutting MagraHearth Products

Most mantels/hearth products can be cut to size. Color Touch up may be required. Stain touch up kits are included with your order.

Keep in mind that the mantels are hollow inside and need a finished end to butt back up to the cut. The decorative brackets will be required for this, unless it is butting up against a wall.

### To Cut

1. Use a continuous rim diamond blade 4 ½" grinder or circular saw. Do NOT use a wet saw.
2. It is recommended that you wear safety glasses and use a respirator when cutting this product.

## Color Touch-up Instructions

1. Shake the vial of stain thoroughly before using and even tapping the stain vial on a hard surface to break up color pigments.
2. Take the color stain vial that most closely matches your MagraHearth product and gradually apply it to the affected area with the applicator provided. We recommend applying a light coat of black first (unless the finish is whitewash). You will need to apply multiple layers to achieve the best possible color match.
3. You may need to reapply the stain as it is absorbed or wipe away any excess.

## Outdoor Use

Please follow these requirement when installing your MagraHearth mantel outdoors:

1. The entire back edge, top and sides of the mantel must be sealed to the wall, stone, facing or whatever surface you are attempting to install the mantel to, using an approved, non-combustible, exterior grade caulk
2. All screw heads must be sealed with an approved exterior grade caulk to stop any water, rain, snow or ice penetration of the surface of the mantel.
3. Failure to seal the mantel and screws could result in a freeze-thaw reaction that could cause the mechanical fasteners to fail.

\*See our website at [magrahearth.com](http://magrahearth.com) for more detailed Outdoor Mantel Guidelines.

## Protecting your MagraHearth Mantel/Hearth Products

It is always recommended to cover your mantel during any construction, remodeling, painting, stonework, etc. to prevent any accidental damage such as chips, drywall dust, and mortar or paint spills.

1. Use the cardboard box your mantel came in and cut strips to cover and/or wrap around your mantel.
2. Do not use tape directly on the mantel. Some tape can leave a residue and remove the mantel finish. This includes common blue painter's tape.

If you have any questions, you can contact us at  
[techsupport@magrahearth.com](mailto:techsupport@magrahearth.com).