MagraHearth Rustic Wood Corbel Mounting Instructions
Non-Combustible ASTM E-136*  
*Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750 Degrees

**Tools and materials needed (provided by user):**

<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Power drill</td>
<td>3” construction Screws</td>
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<tr>
<td>Appropriate bits for screws and or anchors</td>
<td>Mending plate</td>
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<tr>
<td>Level</td>
<td>Masonry drill bit</td>
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<tr>
<td>Tape measure</td>
<td>Masonry anchors</td>
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<td>Thinset</td>
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- Mantels are true replications of century’s old & natural materials. There are inherently irregular aspects of these artifacts.
- There are many different ways you can mount the corbels. We will give you a few examples.
- It is important for you to have the corbels location and backing inside the wall in place before starting the install.
- If you are unable to find studs, you need to open the wall and add wood studs or 16 gauge metal studs if in the non-combustible zone.
- If part or all of the corbel is over the metal face of the unit, self-tapping screws may be used to install corbel mounting directly to the unit.
- If attaching corbel 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.
- Bottom of mantel should be a minimum of 6 inches above the glass trim of any unit less than 50K BTU’s. Bottom of mantel should be a minimum of 12 inches above the glass trim of any unit exceeding 50K BTU’s.
- In any of the mounting options use thinset to bond corbel to wall.

**INSTALLATION INSTRUCTIONS**

**Option 1**

*Step 1.* Unpack corbels from box. Remove protective foam.
*Step 2.* Install mending plate to the top 1/3 of back of corbel with masonry anchor.
*Step 3.* Apply thinset to back of corbel and place in desired location.
*Step 4.* Screw mending plate and corbel to wall.
*Step 5.* Shims may be required to level corbel. Install non-combustible shims under bottom edge.

**Option 2**

*Step 1.* Unpack corbels from box. Remove protective foam.
*Step 2.* Drill hole in the top 1/3 of the back of corbel so you can slide corbel over the 3” construction screw.
*Step 3.* Install 3” construction screw in the wall where you want to mount corbel.
*Step 4.* Test fit corbel. Adjust screw now if necessary.
*Step 5.* Apply thinset to back of corbel and in predrilled hole and place in desired location.
*Step 6.* Shims may be required to level corbel. Install non-combustible shims under bottom edge.

Your installation of the MagraHearth Mantel should now be complete. If you have any questions, you can contact us at techsupport@magrahearth.com.
Picture of mending plate

Picture of mending plate attached to corbel

Picture of corbel w/mending plate attached to wall
Picture of drilled hole in corbel

Picture of screw is wall

Picture of corbel on wall