



MANTEL KIT AND BRACKET INSTALLATION GUIDELINES

Equipment Needed: Tape Measure, Drill Bits, Screw Driver, Adjustable Bubble Level, Stud Finder, Included Fasteners kit

Installation Note: When installing the floating mantel bracket, make sure you are tying into a minimum of 1.75" thickness of structural material. You will want the fasteners to have as much "bite" as possible. If studs are not available, use appropriate anchors for your mounting material.

Step 1: Choose a mounting position on the wall and find stud locations within the length of the bracket. Position the bracket using a level and mark at the slots which align with the stud locations. You do not need to mark at every slot provided on the bracket, just the ones that align with the stud locations. Drill pilot holes, using a 1/8" or 3/16" drill bit.

Note: Prior to installing fasteners, check level across the arms of the bracket. Adjust as needed and make final tightening of fasteners.

Step 2: With the bracket securely fastened, add a bead of silicone around the top edge of the arms and back edge of the bracket. Insert your shelf over the arms of the bracket and move the shelf into its final position. Once the shelf is in place you will want to wipe it down to remove any excess silicone, handprints or other debris.

Step 3: Install the mantel over the bracket and slide down until it is tight against the wall. Now you are finished! You can enjoy your new mantel and trust that it is secure.

Guidelines: The NFPA states that mantel depth is directly related to the required height clearance between the top of the fire box and the bottom of the mantel. A 2-inch depth must have a minimum height clearance of 11 inches. A 4-inch depth must have a minimum height clearance of 13 inches. A 6-inch depth must have a minimum height clearance of 15 inches. An 8-inch depth must have a minimum height clearance of 17 inches. A 10-inch depth must have a minimum clearance of 19 inches.

We are happy that you chose to support your beautiful mantel with Federal Brace brackets. We would be thankful if you would send us images of your new fireplace and our brackets under your mantel. We enjoy seeing Federal Brace supports at work. Also, know that the highest compliment Federal Brace can be given is a reference from our customers to friends and family. If you have enjoyed your buying experience with Federal Brace please let someone know.

This installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides consider-