



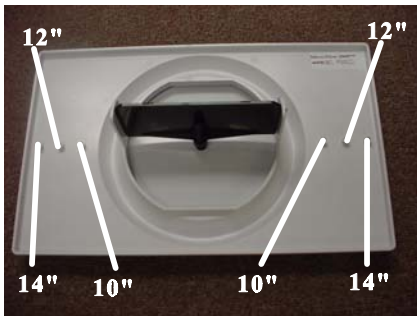
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MICROFLOW 2000™ INSTALLATION INSTRUCTIONS

Model 100M

For installation of manual Registers, Model 100M, perform the following steps:



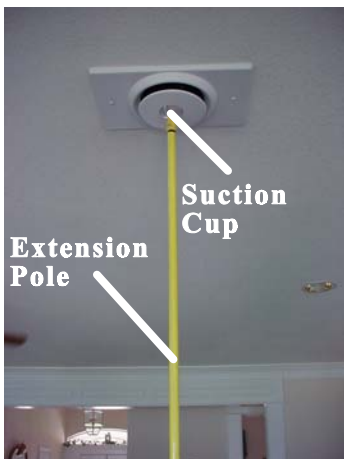
Locate the desired register box and measure the distance between mounting holes. There are three sets of standard reference raised bosses (for 10", 12" & 14" boxes) on the back of the plate as shown (left). Using a 7/32" drill bit, drill out the appropriate pair of reference bosses so that the register mounting screws are properly aligned when the plate is centered over the register box. **IMPORTANT - DO NOT USE A DRILL BIT SMALLER THAN 7/32"**. Use the two supplied white mounting screws to attach the register to the box. For smaller

register boxes, drill the appropriate two reference bosses and install ceiling anchors for the #10 mounting screws supplied. Important: Tighten screws so that a small gap

(approximately 1/32 ") is maintained between the turned down edge of the register plate and the ceiling. **IT IS IMPORTANT THAT THE REGISTER "FLOAT" ON THE MOUNTING SCREWS AND THAT THE PLASTIC NOT MAKE FIRM CONTACT WITH THE CEILING.** Over tightening the mounting screws will bind the plastic which can cause objectionable "popping" sounds as the plastic expands and contracts during heating and cooling cycles. Once the register is properly mounted, run a small bead (left) of matching white latex caulk, e.g. White Lightning 3020 available from most local building supply companies. Follow



manufacturers directions to apply and smooth the caulk bead. After the caulk is dry, adjust the desired air flow by rotating the round plunger. A suction cup attachment that fits a standard extension pole (left) is available from your local building supply store or can be supplied by ACR to facilitate adjustment of manual registers safely at floor level. Use of Model 100M ceiling registers throughout a home allows the homeowner to balance air flow according to individual preferences, including shut down of rooms that are not being used.



Caution:

IT IS RECOMMENDED THAT NO MORE THAN 50% OF ALL REGISTERS IN A STRUCTURE BE CLOSED AT ANY GIVEN TIME IN ORDER TO MAINTAIN ADEQUATE AIR FLOW ACROSS THE EVAPORATOR COOLING COILS OR HEAT EXCHANGER .