

Equipment Covered:

Model: BMB

Configuration: All

Materials Required:

- Replacement coil or coils (reference Parts Reference Guide at www.magicaire.com)
- #8 x 1/2" self-drilling sheet metal screws

Tools and Equipment Required:

- Safety Glasses
- Gloves
- Protective sleeves
- 5/16" nut driver
- Lifting equipment (if required)

BMB Coil Removal and Reinstallation Procedure:

1. Perform procedure on the ground for safety. If working at heights USE EXTREME CAUTION observe all FALL SAFETY considerations. Under all conditions, LOCK OUT all power supplies before performing this procedure.
2. Isolate and drain coil from heating/cooling fluid and/or reclaim refrigerant. Disconnect unit from piping. Remove supply piping to allow access into the coil section from the side. Remove coil section access panel. Figure 1 shows coil section with top airflow panel removed and the coil access panel removed. Note that there is another coil access panel on the opposite side of the coil.
3. CAUTION! If blower section is on top of coil section, lift the blower section up to allow removal of cross rail. Blower section must be raised up approx. 2" during the entire procedure.
4. Remove screws at filter side of coil (Figure 2a) and far side from coil (Figure 2b). Remove cross rail (Figure 1).
5. Remove screws that attach the coil to the vertical and horizontal (if present) coil mounting pieces.
6. Lift coil up approx. 1" and remove from unit. Drainpan remains in place.
7. If ONE coil will be installed, set new coil into drainpan, move coil into position and attach to vertical mounting surfaces using 2ea self drilling sheet metal screws across the top flange, and at least 1ea screw on each side flange. Skip to Step 9.

DANGER

NEVER enter an enclosed fan cabinet or reach into a unit while the fan is running.
LOCK OPEN AND TAG the fan motor power disconnect switch before working on a fan. Take fuses with you and note removal on tag. Electric shock can cause personal injury or death.
LOCK OPEN AND TAG the electric heat coil power disconnect switch before working on or near heaters.
 Failure to follow these warnings could lead to personal injury or death.

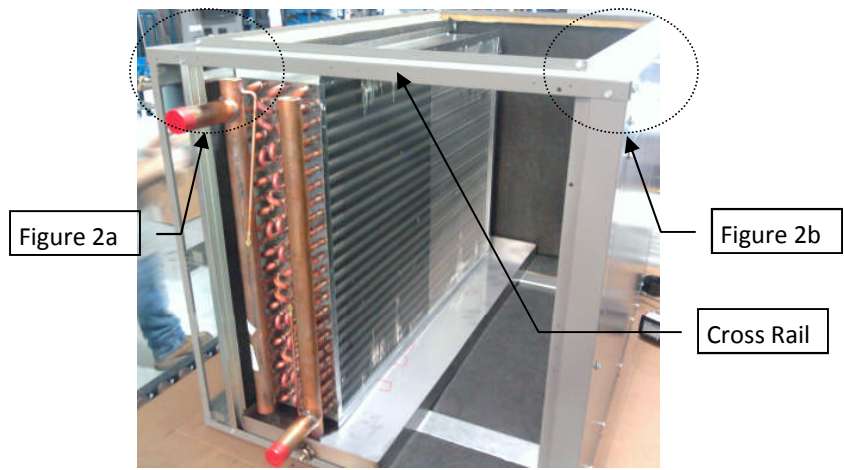


Figure 1-BMB Coil Section
(coil access panel removed)

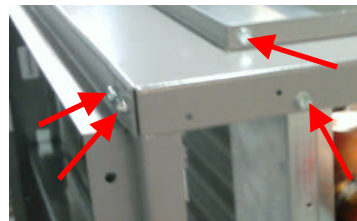


Figure 2a-Filter Side of Coil

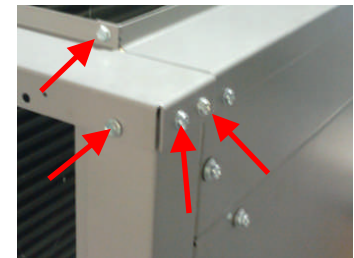


Figure 2b-Filter Side of Coil

8. If TWO coils will be installed, set new coils upright on a flat surface resting on their bottom edges. Attach coils together along horizontal top flange using at least 2ea screws and along at least 1 screw on each side flange.
9. Set new coil assembly into the drainpan, move coil into position and attach to vertical mounting surfaces using 2ea self drilling sheet metal screws across the top flange, and at least 1ea screw on each side flange.
10. Install cross rail.
11. If blower section is on top of coil section, set blower section back down on coil section and secure.
12. Install coil section access panel.
13. Restore unit to service.

End of Instructions