

# INSTALLATION INSTRUCTIONS

## DOWNFLOW BASE KIT

### EBAC01NCB, EBAC02NCB, EBAC03NCB, EBAC04NCB

#### ⚠ WARNING

##### ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death, or property damage.

Before installing, modifying, or servicing system, main electrical disconnect switch must be in the OFF position and install a lockout tag. There may be more than one electrical supply to the fan coil. Check accessories and cooling unit for additional electrical supplies that must be shut off during fan coil servicing. Lock out and tag switch with a suitable warning label. Verify proper operation after servicing.

#### ⚠ WARNING

##### ELECTRICAL SHOCK HAZARD

Risk of electric shock can cause injury or death.

Disconnect all remote electric power supplies before servicing.

#### ⚠ WARNING

##### STRUCTURAL DAMAGE

Failure to follow this warning could result in personal injury or death, or property damage.

Combustible floor base is required when installing in a downflow application with electric heat strips.

Structural damage could occur if manufacturer's downflow base accessory kit is not used when installing in a downflow application.

#### INTRODUCTION

This instruction covers the installation of downflow base kits on models FCM, FVM, FEM, FSM, REM, WAH, WAP, WAX, EBP, EBX, EBV and EBW fan coils. (See Table 1) The device is designed to provide a means of eliminating open passage through building structure (per UL and NFPA 90B), and provides a 1-in. clearance between plenum and initial penetration of structure.

#### DESCRIPTION AND USAGE

The downflow base kit is required in downflow installations of fan coils. The kit maintains 1-in. minimum clearance between unit discharge plenum, ductwork, and combustible materials and also provides a gap-free seal with the floor. Before installing the downflow base, convert the fan-coil unit for downflow installation by positioning unit with filter section at top and rotating coil 180 degrees. See downflow bracket kit Installation Instructions for details.

#### INSTALLATION

1. Cut a hole in floor large enough for clearance of downflow base brackets. See **Figure 1** and **Table 1** to determine clearance dimensions.
2. Set downflow base on floor with brackets inserted into hole.
3. Fasten base firmly to floor with screws through base flanges.
4. Set unit on downflow base inserting unit discharge duct flange through hole in base.
5. Connect ductwork to unit discharge duct flange.

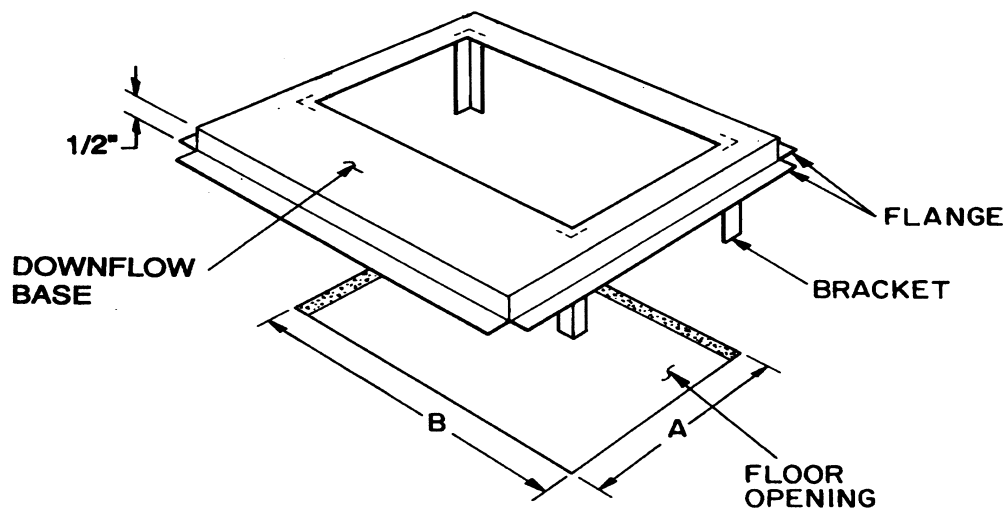


Fig. 1—Downflow Base

| <b>Table 1</b>     | <b>Clearance Dimensions</b>  |                             |                             |
|--------------------|--|-----------------------------|-----------------------------|
| <b>Kit Part No</b> | <b>Model Unit Size</b>   | <b>Dimension A (Inches)</b> | <b>Dimension B (Inches)</b> |
| EBAC01NCB1         | EBP, EBW, EBX 1800, 2400<br>FVM, FEM, FSM 1800<br>WAH(M,T) 184<br>WAP(M,T) 184, 244<br>REM4P 2400  | 13-7/16"                    | 14-7/8"                     |
| EBAC02NCB1         | EBP, EBW 3000, 3600<br>EBX, EBV, EBXX 2400<br>FCM, FVM, FEM, FSM 2400, 3000<br>WAH(M,T) 244, 304<br>WAP(M,T) 304, 364<br>WAX(M,T) 184, 244<br>REM4P 3600   | 13-7/16"                    | 18-1/4"                     |
| EBAC03NCB1         | EBP 4200, 4800, 6000<br>EBX, EBV, EBXX 3600, 4800<br>EBW 4200, 4800, 6000<br>FCM, FVM, FEM, FSM 3500, 3600, 4200, 4800<br>FEM4X[B]* 6000<br>WAH(M,T) 364, 424, 484<br>WAP(M,T) 424, 484, 604<br>WAX(M,T) 304, 364, 424<br>REM4P 4800<br>REM4X 6000 | 13-7/16"                    | 21-3/4"                     |
| EBAC04NCB1         | EBX, EBV, EBXX 6000<br>FCM, FVM, FEM4X[A]*, FSM 6000<br>WAX(M,T) 484, 604  | 13-7/16"                    | 25-1/4"                     |

\* [A] or [B] = model series