

Installation Instructions

Downflow Base Kit

KFACB


NOTE: Read the entire instruction manual before starting the installation.

This symbol → indicates a change since the last issue.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual Installation Instructions packaged with the kits or accessories.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions attached to unit. Consult local building codes and National Electrical Code (NEC) for special installation requirements.

Recognize safety information. This is the safety alert symbol . When you see this symbol on the unit or in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words—DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices, which **would** result in minor personal injury or product and property damage.

 **WARNING:** Before beginning any installations or modifications, be sure the main electrical disconnect switch is in the OFF position. Tag the disconnect switch with a suitable warning label. Electrical shock can cause personal injury or death.

INTRODUCTION

This instruction covers the installation of downflow base kits on model FA, FB, FC, FH, FK, 40FKA, FX, FV, and PF 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.

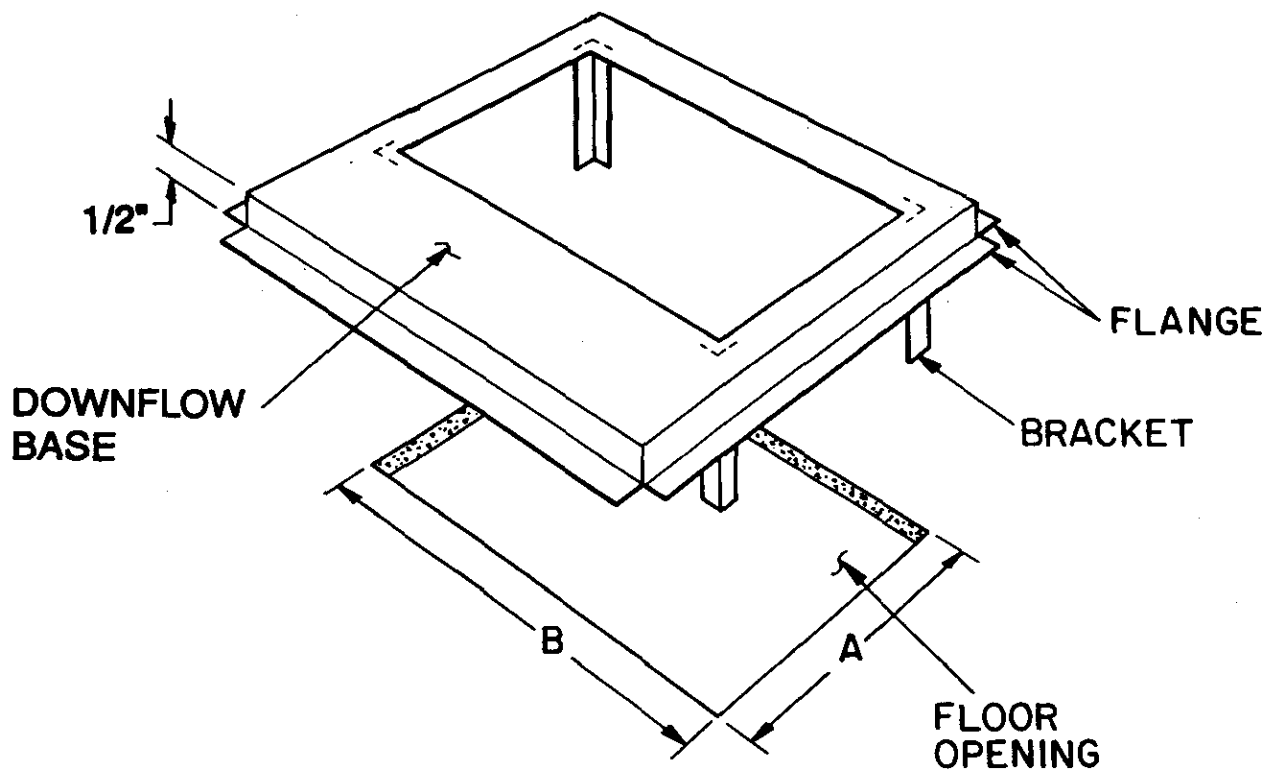
DESCRIPTION AND USAGE

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°. See downflow bracket kit Installation Instructions for details.

INSTALLATION

1. Cut a hole in floor large enough for clearance of downflow base brackets. See Fig. 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.



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Fig. 1—Downflow Base

Table 1—Downflow Base Kit Usage

DOWNFLOW BASE KIT PART NO.	MODEL UNIT SIZE	DIMENSION A IN.	DIMENSION B IN.
KFACB0101CFB	FH001 PF, FA, FB 018,024; FC 024	13-7/16	14-7/8
KFACB0201CFB	PF, FA, FB, FC 030,036; 40FKA, FK, FV 001,002; FX030; FH002	13-7/16	18-1/4
KFACB0301CFB	PF, FA, FB 042-060; FC 033, 038,042,048,060; 40FKA, FK, FV 003,005; FX 036-048	13-7/16	21-3/4
KFACB0401CFB	PF, FB 070; FC 054,070; PF1M 071; FK, FV 006; FX 060	13-7/16	25-1/4