

Installation Instruction

Downflow Base Kit

KFACB

NOTE: Read the entire instruction before starting the installation.

INTRODUCTION

This instruction covers the installation of Downflow Base Kits on Model FB4A, FB5A and FK4A Fan Coils (see Table 1 for kit part numbers). The device is designed to provide a means of installing fan coils in a downflow position.

SAFETY CONSIDERATIONS

Installing and servicing of air conditioning equipment can be hazardous due to system pressures and electrical components. Only trained personnel should install or service air conditioning equipment.

Untrained personnel can perform basic maintenance functions such as cleaning coils, or cleaning and replacing filters. All other operations should be performed by trained service personnel. When working on air conditioning equipment, observe precautions in the literature, and on tags and labels attached to the unit.

Follow all safety codes. Wear safety glasses and work gloves. Use a quenching cloth for brazing operations. Have a fire extinguisher available.

⚠ WARNING: Before beginning any installation or modification, 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.

DESCRIPTION AND USAGE

The downflow base is required in downflow installations of Fan Coils. The kit maintains 1-in. minimum clearance between unit discharge plenum, ductwork, and combustible materials. The downflow base 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.

Table 1—Downflow Base Kit Usage

DOWNFLOW BASE KIT PART NUMBER	UNIT SIZE FB4A/FB5A	UNIT SIZE FK4A	DIMENSION A (IN.)	DIMENSION B (IN.)
KFACB0101CFB	018,024		13-7/16	14-7/8
KFACB0201CFB	030,036	002,003	13-7/16	18-1/4
KFACB0301CFB	042,048,060	004,005	13-7/16	21-3/4
KFACB0401CFB	070	006	13-7/16	25-1/4

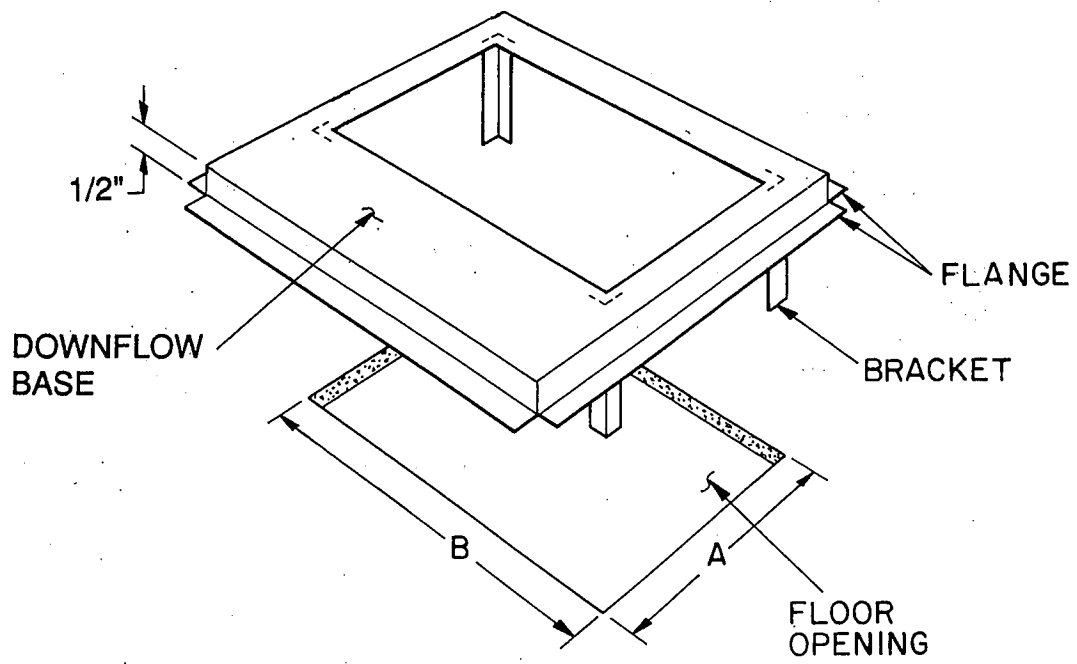


Fig. 1—Downflow Base

A90121