

Downflow Base Kit (Instructions) EBP, EBX, EBV, EBW

Unit Disconnect

WARNING: Before beginning any installation or modification, be sure the main electrical disconnect switch is in the OFF position. Tag side connect switch with suitable warning label. Electrical shock can cause personal injury or death.

INTRODUCTION

This instruction covers the installation of downflow base kits on models 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 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

Kit Part No.	Model Unit Size	Dimension A In.	Dimension B In.
EBAC01NCB1	EBP, EBW 1800, 2400	13-7/16"	14-7/8"
EBAC02NCB1	EBP, EBW 3000, 3600 EBX, EBV 2400	13-7/16"	18-1/4"
EBAC03NCB1	EBP 4200, 4800, 6000 EBX, EBV 3600, 4800 EBW 4200, 4800, 6000	13-7/16"	21-3/4"
EBAC04NCB1	EBX 6000	13-7/16"	25-1/4"

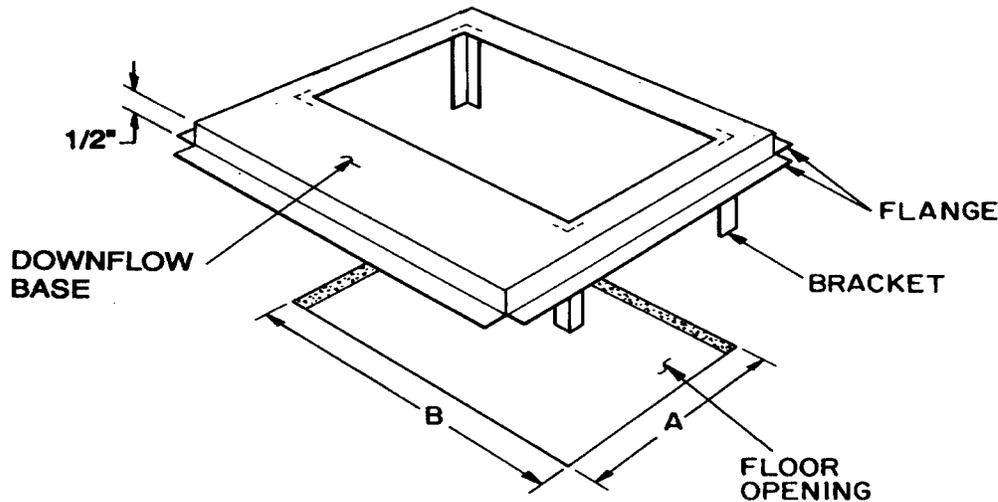


Fig. 1—Downflow Base