

Installer's Guide

BASE-IN-1B 18-CH12D15-1B-EN

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

Model:
BAYBASE205

Downflow Gas-Fired Furnace Subbase

IMPORTANT—This Document is **customer property** and is to remain with this unit. Please return to service information pack upon completion of work.

A. GENERAL

The Subbase is designed for use with furnaces installed on combustible flooring. Installation is simple and when properly installed meets the requirements of the American Gas Association.

B. INSTALLATION OF Subbase

1. With the subbase unpacked, prepare the floor opening.
2. The floor opening required is shown in Figure 1. If joists are cut, headers should be provided on either side of the opening

FIGURE 1

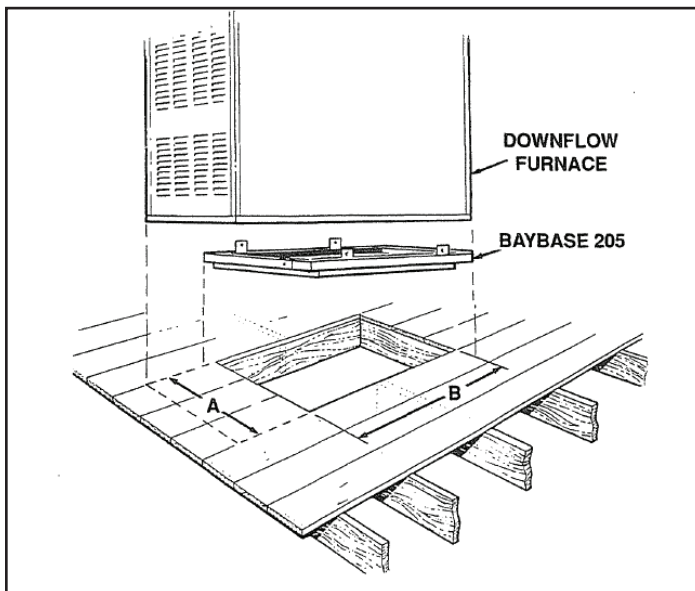
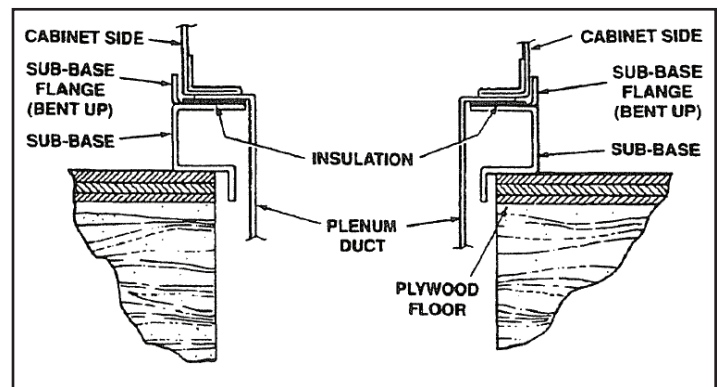


TABLE 1

CABINET WIDTH	RETURN DUCT WIDTH	FLOOR OPENING		PLENUM OPENING	
		"A"	"B"	"A"	"B"
14-1/2"	13-1/4"	13-5/8"	20-3/8"	12-5/8"	19-3/8"
17-1/2"	16-1/4"	16-5/8"	20-3/8"	15-5/8"	19-3/8"
21"	19-3/4"	20-1/8"	20-3/8"	19-1/8"	19-3/8"
24-1/2"	23-1/4"	23-5/8"	20-3/8"	22-5/8"	19-3/8"

3. Duct sizes are shown in table with Figure 1.
4. Clearances between the plenum and combustible surfaces must equal or exceed those shown on the clearance label on the particular furnace. Flanges should be formed on the plenum as shown in Figure 2.
5. Slide the two halves of the subbase together, being sure to have the tabs on the outside of both overlapping pieces.
6. Slide and match the holes on either end to the appropriate width of the furnace (14-1/2", 17-1/2", 21," or 24-1/2").
7. Secure the two pieces together with two sheet metal screws (included).
8. Bend the two tabs on each sides and a tab on one end (which will be to the back of the furnace) up. These will be used to locate and secure the furnace.
9. Set the base on the floor over the opening.
10. Secure the base to the edge of the flooring with screws or nails through the four holes provided under the side tabs.
11. Position insulaton over the subbase.
12. Insert the supply duct connection (plenum) through the subbase using care to retain the insulation position.
13. Place the furnace in position over the subbase assembly with the back of the furnace against the back tab.
14. Drill through the tabs into the furnace cabinet and secure the furnace in position with sheet metal screws.

FIGURE 2



Dwg. No. 21X340195 P01

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