

INSTALLATION INSTRUCTIONS

MODEL# (-)XKG SERIES

ROOF CURBS

This Roof Curb is built to NRCA specifications and is constructed of 16 gauge galvanized steel with a full perimeter 1" X 4" wood nailer strip. Curb height is determined by the part number as listed below.

(-)XKG-CBH14 = 14 inches high

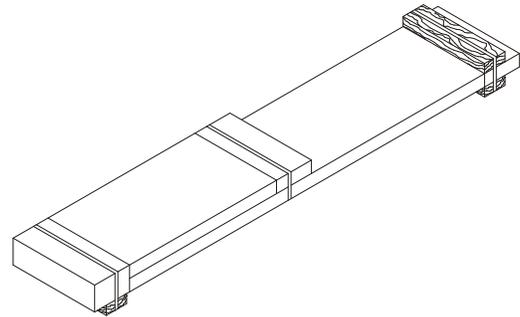


Figure 1

Step 1:

Check for the correct number of parts. See list below.

Parts List For (-)XKG-CBH14		
Description	Part #	Qty
Tie Down Brackets	602011614/TDB	4
Splice Bracket (G)	602011614/SLB	2
Duct Support - 76 1/2" Long (D)	602011614/HOR	3
Duct Support - 22" Long (F)	602011614/VER1	1
Duct Support - 42" Long (E)	602011614/VER2	1
Curb Long Side - 59 15/16" Long (B)	602011614/CLS1	2
Curb Long Side - 59 15/16" Long (A)	602011614/CLS	2
Curb Short Side - 80 1/2" Long (C)	602011614/CSS	2
3/4" x 1 1/4" x 14' Gasket	602011614/4102	4
3/16" x 13 1/2" Hinge Pins	602011614/4451	6
Hardware Bag	602011614/HDW	1
I & O Manual	RMICRB16R	1
Screw (Hex Head) #10-16 x 1/2"		26

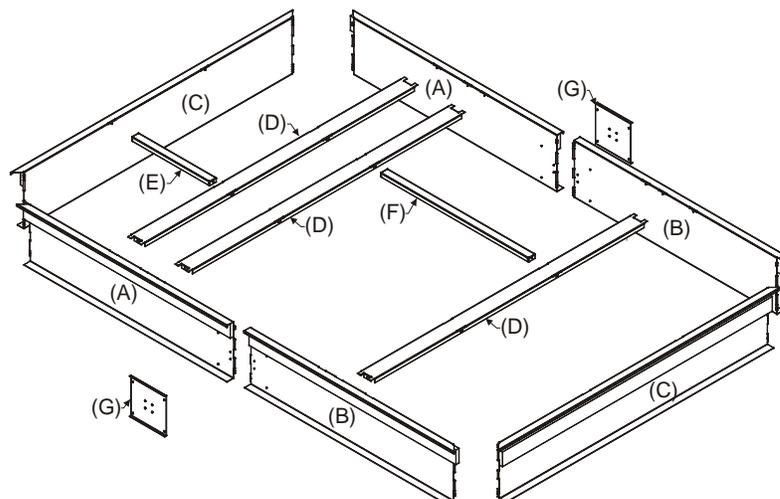


Figure 2

Step 2:

Layout the curb pieces before assembly to insure that all the necessary pieces are included.

U.S. PATENT 5148647

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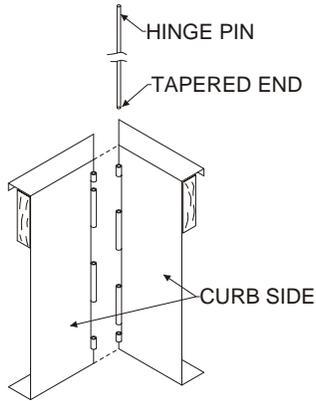


Figure 3

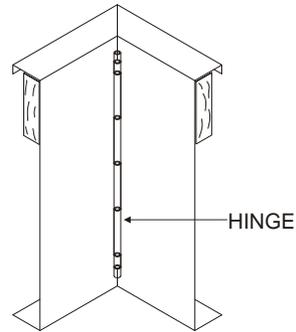


Figure 4

Step 3:

Corner Assembly: Align each curb side as shown in Figure 3. Using a hammer, drive the curb "hinge" pin down until the top of the pin is below the top of the curb as shown in Figure 4.

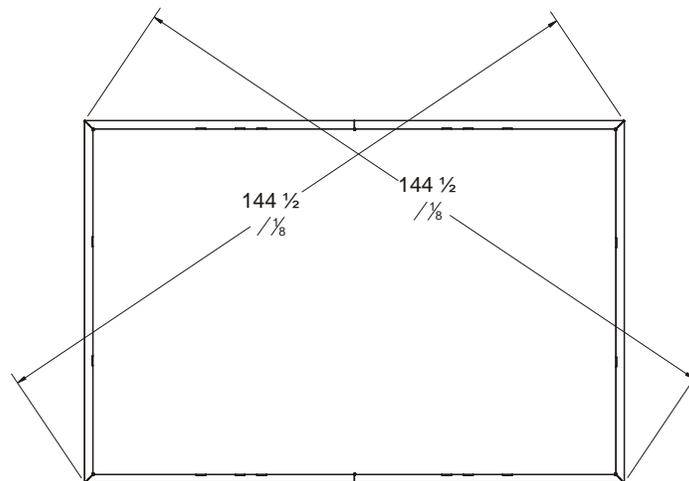


Figure 5

Step 4:

After the four corners and middle hinges are assembled; the curb should be checked to be sure it is in "square". Do this by measuring diagonally from each opposite corner. The two measurements should be the same for each direction as shown in Figure 5. Then take the splice bracket (G) and secure to outside of the middle hinges.

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DETAILS

1.

Duct support interlocks with curb.

The duct support flange goes in the slot on the curb. Screw the duct support to the curb.

The RXKG can now have the duct support installed, if a transition (RXMC-C^{***}) is to be installed. If this is the case follow transition instruction from this point.

Step 5:
Place all three duct supports (D) on the curb, making sure that it is in the right location. See "DETAIL #1".

Step 6:
Place duct support (E) on the curb and duct support (D), making sure that it is in the right location. See "DETAIL #1 and #2".

Step 7:
Install duct support (F) on the duct supports (D) as shown with the roof opening over the desired duct location. See "DETAIL #2".

Step 8:
If the curb is being assembled & moved to another location, attach the duct supports to the curb as shown in the "DETAILS".

2.

Duct support interlocks with pan or other duct support.

The duct support flange goes in the slot on the pan. Screw the duct support and pan the together.

TOP VIEW

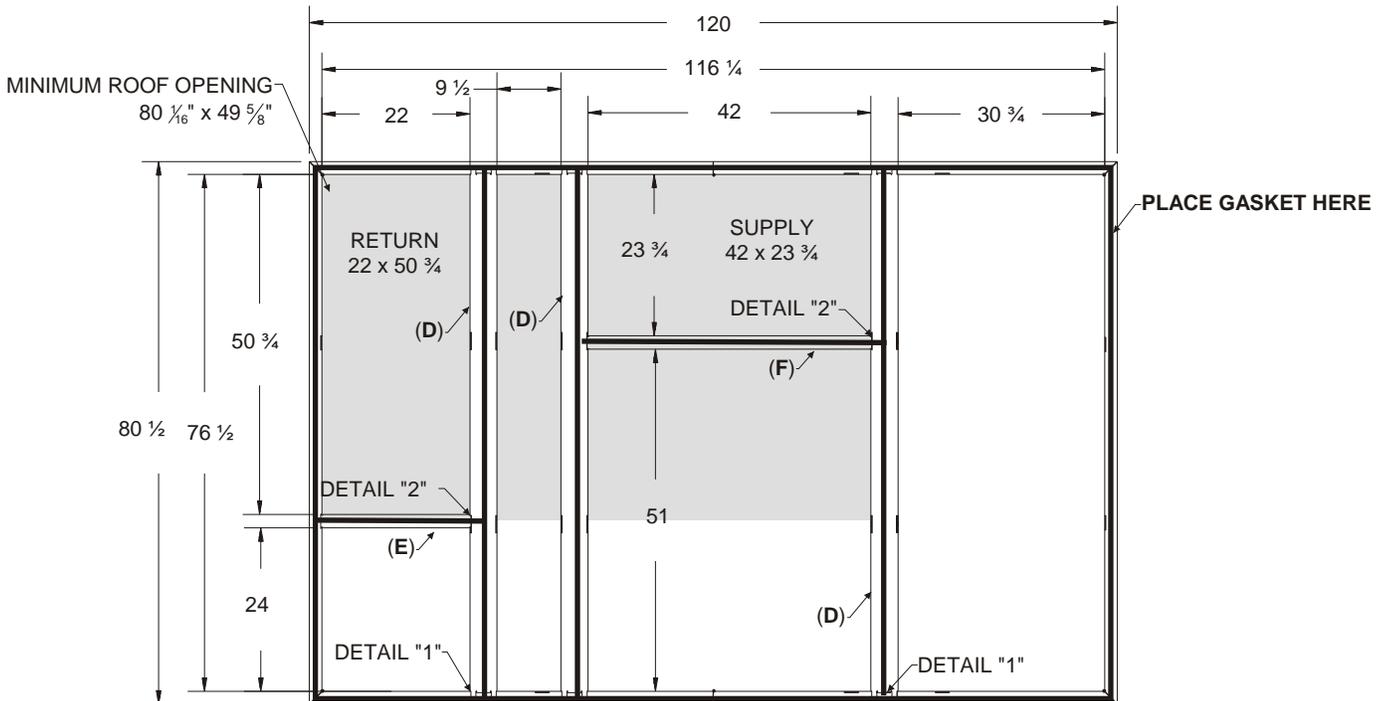
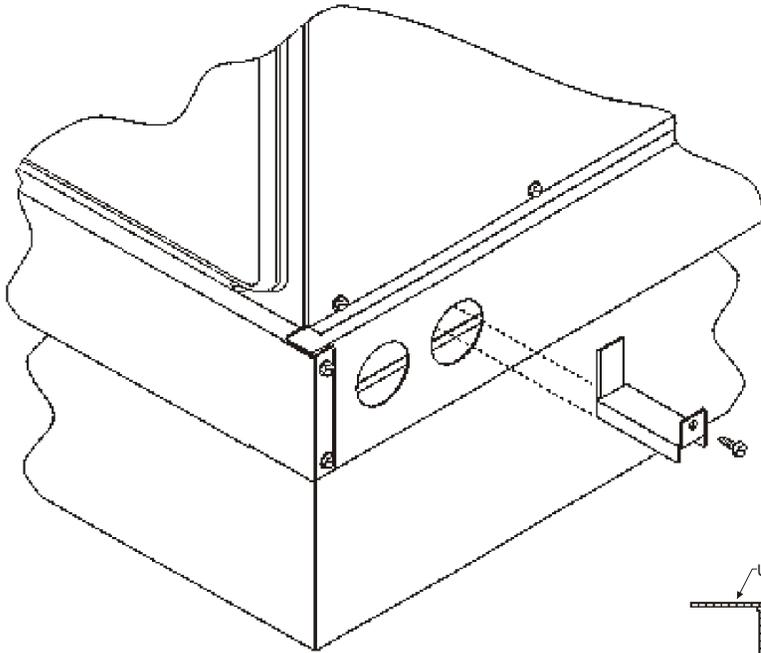


Figure 6

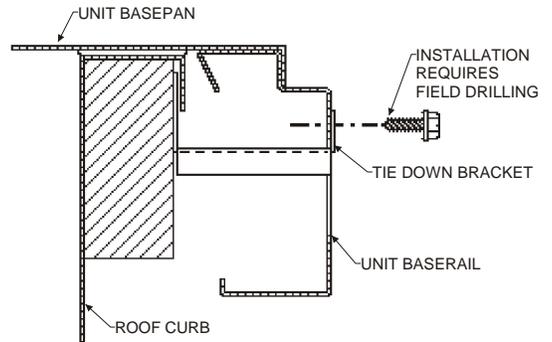
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TYPICAL INSTALLATION
(4) CORNERS OF UNIT



Step 9:

To secure unit to curb, position unit on curb. Using four of the #10 x 1/2" self drilling screws, attach the tie down bracket furnished, as shown in detail. Recheck all joints to assure watertightness.

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