INSTALLATION INSTRUCTIONS
ROOFCURB ACCESSORY
FOR 15 THROUGH 20 TON ROOFTOP UNITS
RXKG-BAF14

⚠ WARNING

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THIS KIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING INSTALLATION, ADJUSTMENT OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN IMPROPER INSTALLATION, ADJUSTMENT, SERVICE, OR MAINTENANCE POSSIBLY RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

PARTS LIST

DESCRIPTION	PART NUMBER	QUANTITY	DESCRIPTION	PART NUMBER	QUANTITY
END ASSEMBLY	AS-90777-03	2	CORNER WEDGE	AE-59045-08	4
SIDE ASSEMBLY	AS-90778-03	2	HOLD DOWN BRACKET	AE-59045-10	4
SIDE ASSEMBLY	AS-90778-04	2	#8 SELF-TAPPING SCREWS	63-22159-01	8
SIDE CONNECTOR	AE-90761-07	2	#10 THREAD-FORMING SCREWS	63-22338-06	24
DUCT SUPPORT	AE-90763-03	3	INSTALLATION INSTRUCTIONS	92-22555-04	1
DUCT SUPPORT - FRONT	AE-90765-03	1	NEOPRENE GASKET	68-22079-01	50’
DUCT SUPPORT - BACK	AE-90766-03	1			

GENERAL

The roof curb frames the roof opening(s) and is designed to provide a watertight connection between the unit and the roof. The curb is designed so that roof flashing may be installed prior to placing unit.

This curb complies with the National Roofing Contractors Association requirements when installed as shown.

ASSEMBLY

The curb is field assembled with the mounting hardware supplied in the carton.

Assemble the side assemblies to each other using the side connector plates and the #10 thread forming screws.

Assemble each side assembly to each end assembly with the provided corner wedges (see the sequential engagement detail). Use a hammer to drive corner wedges into position. Make sure that each tongue of the corner wedge securely engages each lance in the side/end assembly.

The sheet metal screws provided in the parts bag may be used to further secure the corner wedges (recommended if curb is to be moved after assembly).

Install the duct supports in the roofcurb per the illustration using a hammer if necessary. The tongue on each duct support will fit into lances provided in the roofcurb.

Align curb with roof opening. Field installed supply and return ducts will extend through curb framed area.

IMPORTANT: CURB MUST BE LEVEL AND SQUARE.

Nail, screw or weld curb to structural roof member or roof proper.

WEATHERPROOFING

Caulk all joints watertight.

Insulate curb sides between nail strip and curb base flange or roof deck insulation per the illustration. Failure to do so may cause condensation to form on the roof curb and damage the ceiling below.

Install cant strip.

Insert top edge of roofing material between nail strip at top curb flange and nail roofing material to nail strip with 3/4 inch roofing nails.

Roofing material must extend beyond perimeter of curb base.

Seal edges of roofing material with roofing cement or other suitable mastic until watertight. Install metal counter flashing.

Follow building codes as applicable.

Drop field supplied supply and return ducts into curb openings as shown. See illustrations for maximum duct sizes.

Install gasket supplied to top of curb flange around full perimeter and dividers as shown.

SECURING UNIT TO CURB

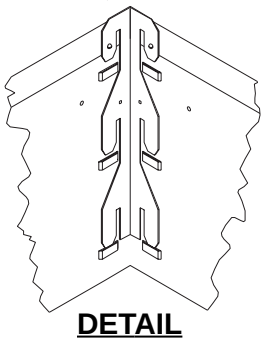
Position unit on curb.

Attach the hold down brackets furnished, as shown in detail.

Recheck all joints to assure water tightness.

FIGURE 1
ROOFCURB ASSEMBLY

CORNER WEDGE



DETAIL
SEQUENTIAL ENGAGEMENT

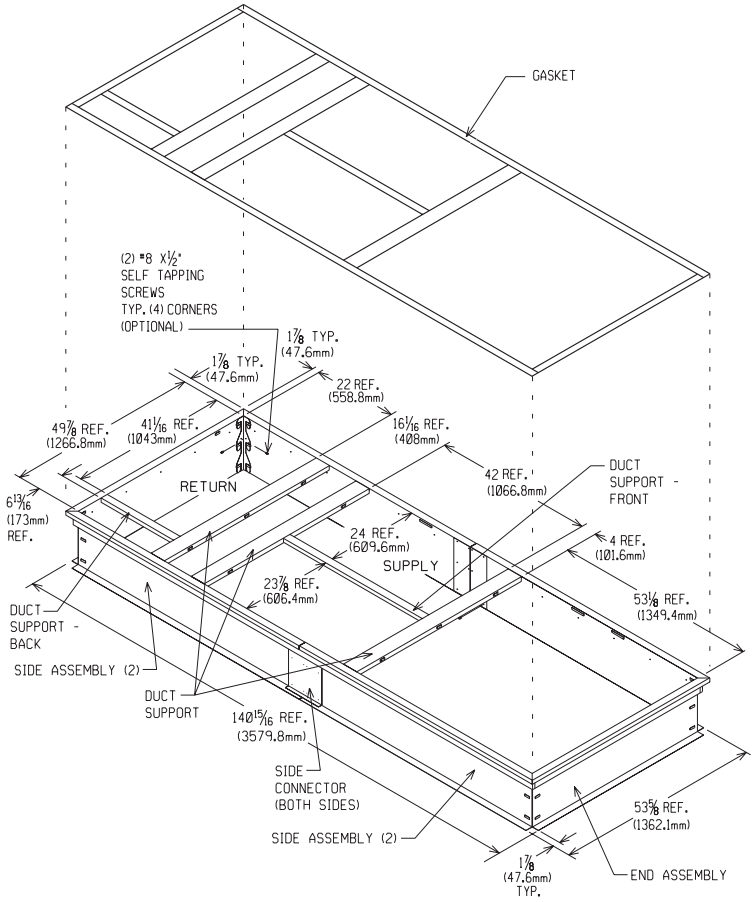
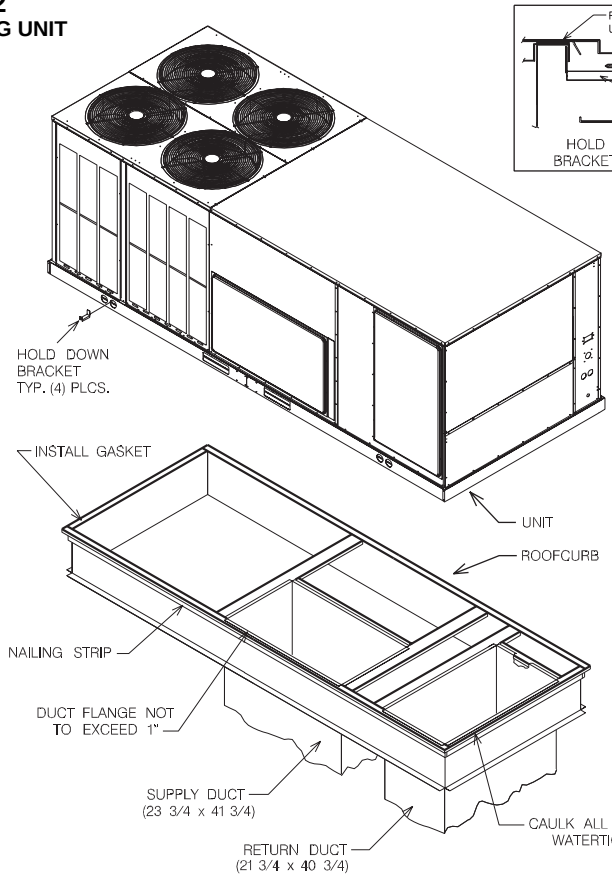
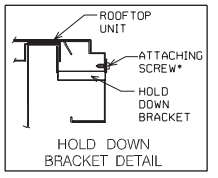
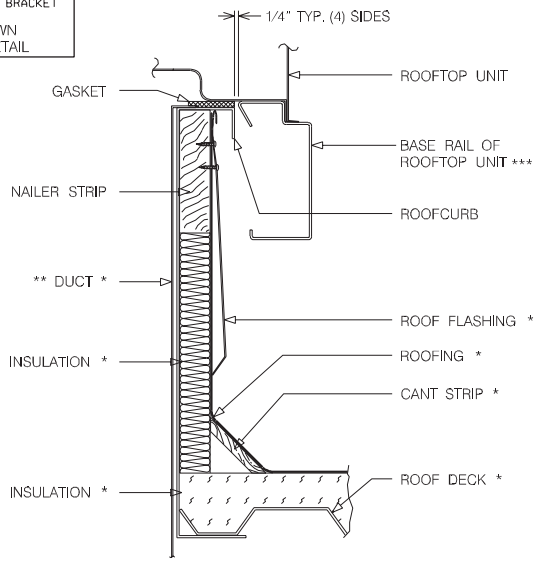


FIGURE 2
INSTALLING UNIT







* BY CONTRACTOR

** FOR INSTALLATION OF DUCT AS SHOWN, USE RECOMMENDED DUCT SIZES FROM ROOFCURB INSTALLATION INSTRUCTIONS. FOR DUCT FLANGE ATTACHMENT TO UNIT, SEE UNIT INSTALLATION INSTRUCTIONS FOR RECOMMENDED DUCT SIZES.

*** DO NOT ALL UNIT BASE RAIL TO SIT ON TOP OF ROOF CURB.