



INSTALLATION INSTRUCTIONS

For CPRFCURB012A00,013A00... CRB-SDLRG-8,11,14,24...CRB14-ES42-60

Package Usage			
MicroMetl PN	Customer Part No.	Carrier PN	HGT. (in)
CRB-SDLRG-8		N/A	8"
CRB-SDLRG-11		CPRFCURB012A00	11"
CRB-SDLRG-14	CRB14-ES42-60	CPRFCURB013A00	14"
CRB-SDLRG-24		N/A	24"

Package Contents	
ITEM	QTY
Curb Sides	2
Curb Ends	2
Deck Pan-Insulated	2
Long Support	1
Side Supports	2
Center Supports	2
Gasket 3/4" Thick	1
Gasket 1/4" Thick	1

INSTALLATION

! **WARNING**

To prevent injuries and rain damage, do not leave roof opening uncovered. If installation is not completed immediately after roof opening is cut and framed, provide an adequate temporary cover for the roof opening.

GENERAL

These curbs are designed specifically for the large cabinet SPP HVAC units.

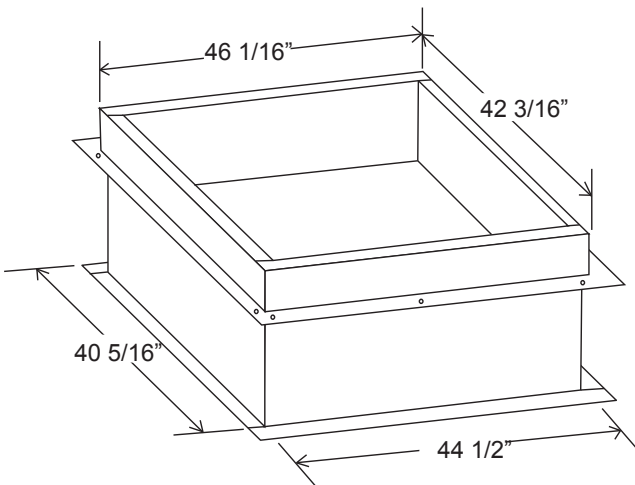


FIGURE 1

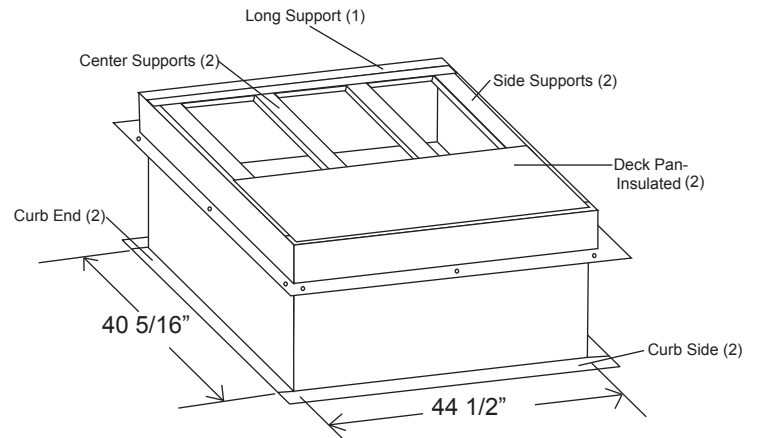


FIGURE 2

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

Untrained personnel can perform the basic maintenance functions of replacing filters. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Installation:

1. Before installing the roof curb, ensure that curb is located so that proper clearances are maintained. Check unit nameplate or units installation instructions for correct clearances.
2. Cut hole in roof for duct openings. See Figure 3. It is not necessary to cut out the entire area of the roof curb.
3. Frame the roof curb opening to provide adequate structural support.
4. Assemble the roof curb. Bring together a curb side and a curb end. Insert the tabs in the curb end into the slots on the curb side. Press together until the pieces lock in place. It may be necessary to step on the top of the curb to lock the pieces in place. Figure 1.
5. Repeat for all four corners. If lifting the curb after assembly, hammer all corner tabs over to the side. Figure 1.
6. Install the insulated deck pans on the compressor side of the roof curb.
7. Install the long support on the side opposite of the deck pan. Figure 2 and 3.
8. Install the side supports on each end of the roof curb. Figures 2 and 3.
9. Install the center supports to frame the supply and return duct openings. See Figures 2 and 3.
10. Square up the roof curb and position over the duct openings cut in Step 2. Level the curb by placing shims (thin pieces of wood or metal) under the bottom flange of the curb. See Figure 6 for unit leveling tolerances.
11. Secure the curb in place by welding or screwing curb to the roof (field supplied equipment required.)
12. Attach ductwork to the curb. Ductwork **MUST** be installed before unit is set in place.
13. Weatherproof and flash the roof curb per applicable codes.

IMPORTANT: Gasketing is critical for water integrity. Improperly installed gasketing can result in air leaks and poor unit performance

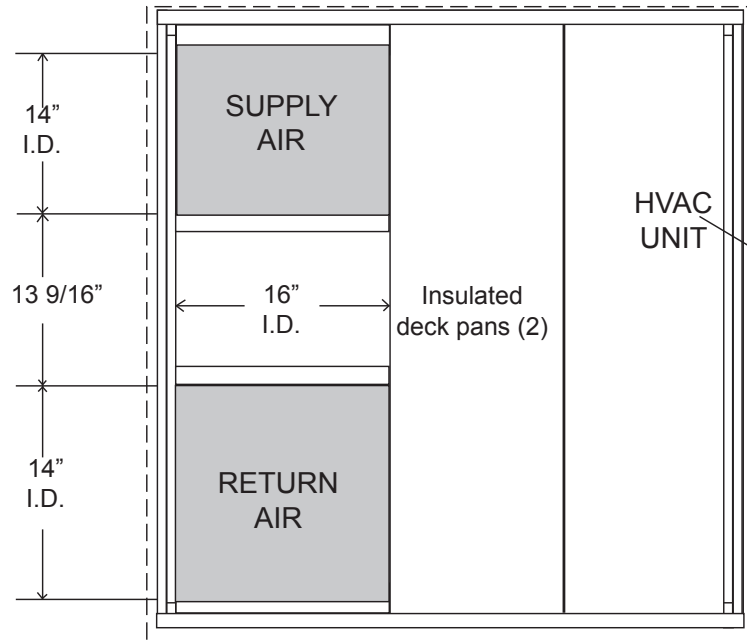


FIGURE 3 - LARGE CABINET

14. Install provided 1/4" thick gasket seal on the outer / top perimeter of the roof curb. See Figure 4.
15. Install provided 3/4" thick gasket seal around the duct openings. See Figure 4. When installed, the weight of the unit will compress the gasket to seal the joint between the unit and the roof curb. Gasket strips must fit tightly together and leave no gaps for leakage.
16. Anchor the roof curb to the HVAC unit by installing screws up through the curb side flange and into the unit base rail. Fig. 5.

CAUTION

Do not slide unit to position it when it is sitting on the curb. Curb gasketing material may be damaged and leaks may result

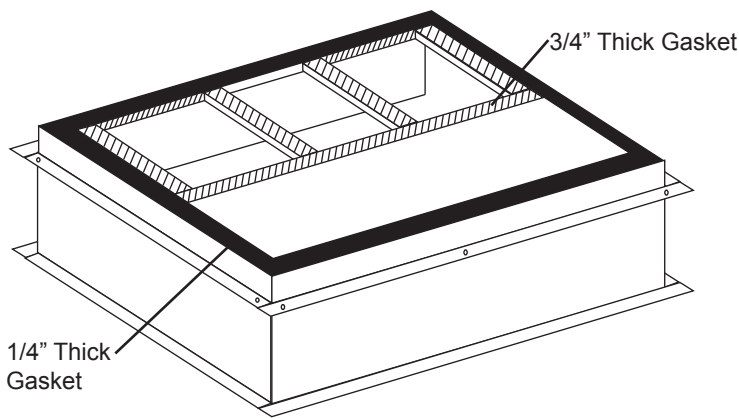


FIGURE 4 - GASKET DETAIL

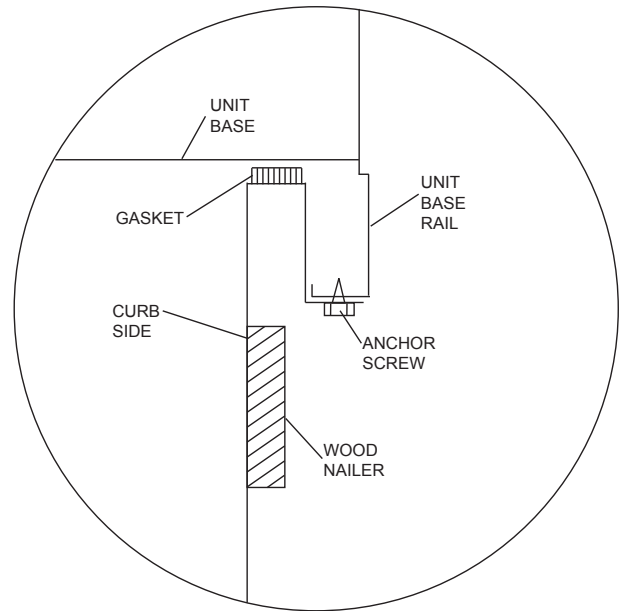
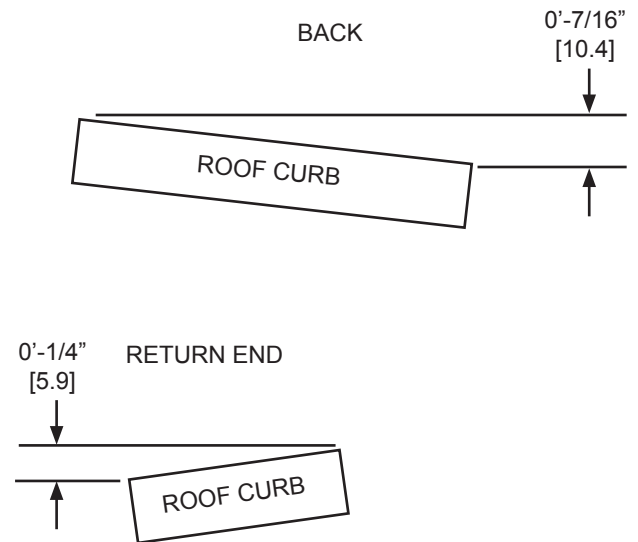


FIGURE 5



NOTE: Dimensions in [] are in mm.

FIGURE 6 - UNIT LEVELING TOLERANCES