

McDaniel Metals

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2612ADJCURBGPM

2/12 TO 6/12 ADJUSTABLE CURB FITS
DAIKIN DP**G/DM**, DP**C/H**M AND
GOODMAN GPG-APG****M, GPC/H-APC/
H****M ALL CHASSIS



GENERAL

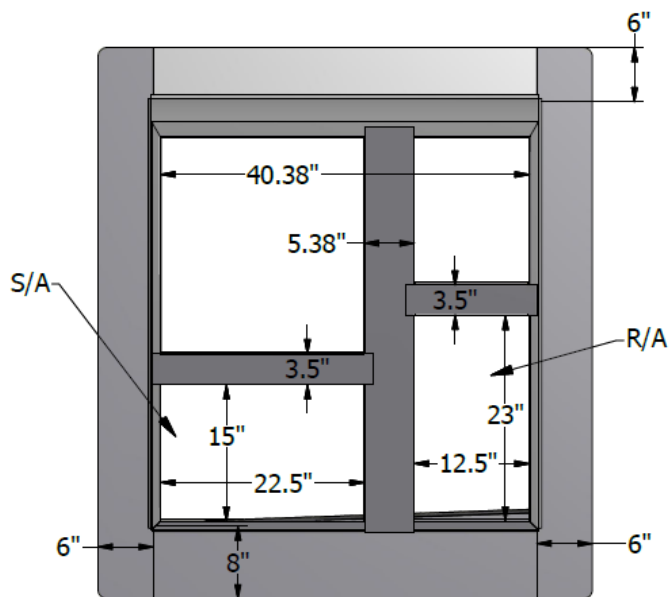
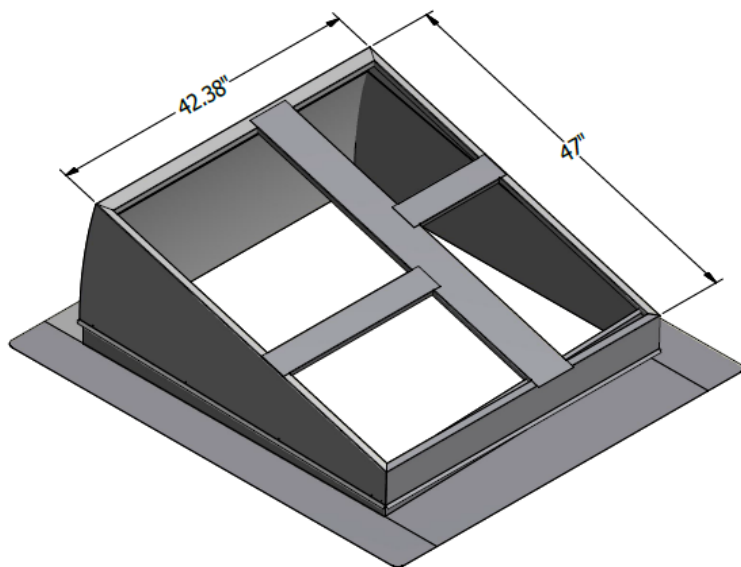
Roof curbs are shipped fully welded and in a 3/12 pitch. Leveling and mounting on the roof structure are the responsibility of the installing contractor. All curb installations must comply with local codes and should be done in accordance with the established guidelines of the National Roofing Contractors Association.

1. All required hardware necessary for the assembly of the sheet metal curb is included with the curb accessory.
2. Full perimeter type curb accessories are available. Full perimeter curbs include duct connection frames attached to the curb.
3. Curbs must be supported on at least two parallel sides by roof members. Ensure that roof members do not penetrate supply and return duct opening areas.
4. Curb insulation, cant strip, flashings and general roofing material are to be furnished by the roofing contractor. Curb gasket is to be furnished with the curb accessory.
5. The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

1. Check package contents to ensure all the pieces are present.
2. Position the curb on the roof with the shorter side toward the peak of the roof.
3. Secure the flashing to the roof using methods consistent with local codes.
4. For a 2/12 pitched roof, raise the top sleeve on the shorter side of the curb until it is level. Secure the sides of the sleeve to the flashing using sheet metals screws.
5. Seal any gaps between the top sleeve and flashing using approved methods.
6. For 3/12 to 6/12 pitched roof, raise the eaves or taller side of the sleeve until the top of the sleeve is level. Secure the sides of the sleeve to the flashing using sheet metal screws.
7. Seal any gaps between the top sleeve and flashing using approved methods.

!CAUTION!

ALL CURBS LOOK SIMILAR. TO AVOID INCORRECT CURB POSITIONING, CHECK JOB PLANS CAREFULLY AND VERIFY MARKINGS ON CURB ASSEMBLY.



VERTICAL DISCHARGE DUCT CONNECTIONS

The down flow curb accessory has been designed to encourage duct installation before unit placement. Duct installation after the unit placement is possible but not recommended. Ducts must never be fastened to the bottom of the unit causing the base pan to be penetrated. Flexible duct connectors in the ducts near the unit are recommended. Support all ducts by securing them to the building structure. Weatherproof all external ductwork, joints and roof openings with flashing and mastic in accordance with applicable codes. Ducts in an unconditioned space must be insulated and covered with a vapor barrier.

PARTS LIST

- 1 - Bottom Flashing
- 1 - Top Sleeve Including Duct Supports
- 2 - Rolls Foam Gasket Tape

DOWNFLOW DUCT INSTALLATION INSTRUCTIONS

1. Install duct support system in leveled and squared curb.
2. Fabricate ductwork with 1 ½" flange out on top opening and with an outside dimension that is ¼" smaller than inside dimension of duct openings created by duct support system.

NOTE: Ductwork is to be furnished by the contractor and is not included with the accessory.

3. Drop duct section through duct support opening so that the 1 ½" flange out rests on the support channel.

NOTE: It is not necessary to attach the duct to the duct supports with a mechanical fastener.

4. Install the included gasket material around the perimeter of the duct openings and around the top perimeter of the rest of the curb to insure an air tight seal.

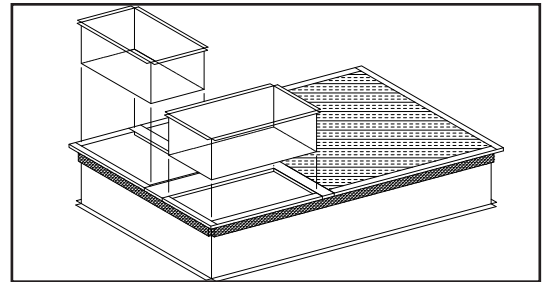


Figure 3

DUCT INSTALLATION AFTER UNIT PLACEMENT

Duct installation after the unit has been placed is possible but is strongly discouraged. If the ductwork must be installed after the unit is placed on the curb, a duct connection frame system should still be used. Apply gasket material to the curb and duct support frame before installing the unit. Attach duct sections to the vertical surfaces of the duct support frame using mechanical fasteners. Ducts must never be fastened to the bottom of the unit causing the base pan to be penetrated.