



## GENERAL

Roof curb is shipped in 2 sections, stacked atop one another.

The Bottom Flashing is one piece. The Curb Top is one piece. Each piece is welded together.

Roof curb is adjustable from 0 to 2/12 pitch in any direction.

## INSTALLATION

1. Curb must be supported on at least two parallel sides by roof members. Ensure that roof members do not penetrate the supply and return duct opening areas.
2. Curb insulation, cant strip, flashings and general roofing material are to be supplied by the roofing contractor. Wood nailer and curb gasket are supplied with the curb.
3. Duct installation is to be done before unit placement. Duct installation after unit placement is **not** recommended.

4. Place Curb Flashing in proper position over roof opening.
5. Place Curb Top over the Bottom Flashing and adjust to proper pitch. Secure Curb Top to flashing using approved fasteners.
6. Install insulation, cant strip, roofing materials, flashing and counterflashing in accordance with the established guidelines of the National Roofing Contractors Association. The finished roof, including counterflashing around the curb, must be installed prior to setting the unit on the curb.

## !CAUTION!

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

## PARTS LIST

- 1 - Curb Top w/ attached wood nailer.
- 1 - Bottom Flashing
- 3 - Rolls gasket tape.

## 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.

## 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.

## 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.