Installation, Operation and Maintenance Manual

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with these instructions will result in voiding of the product warranty and may result in personal injury and/or property damage.

Description

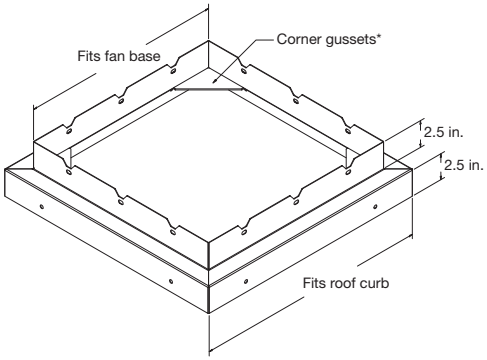
Roof curb adapters are designed to adapt a standard fan base dimension to an existing roof curb. Allows an existing roof curb to be used when replacing a fan or ventilator.

Dimensional Data

Dimensions and design vary by configuration:

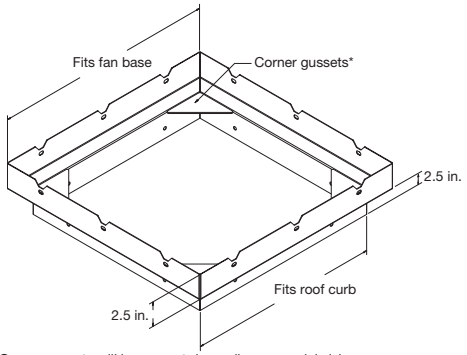
Standard Adapter/Reducer - Adds 2.5 inches to overall fan/ventilator installation.

Adapter



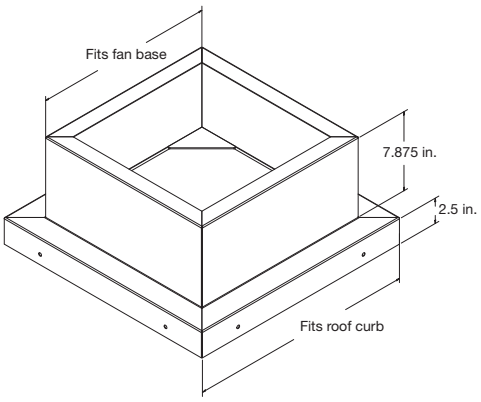
*Corner gussets will be present depending on model sizing

Reducer

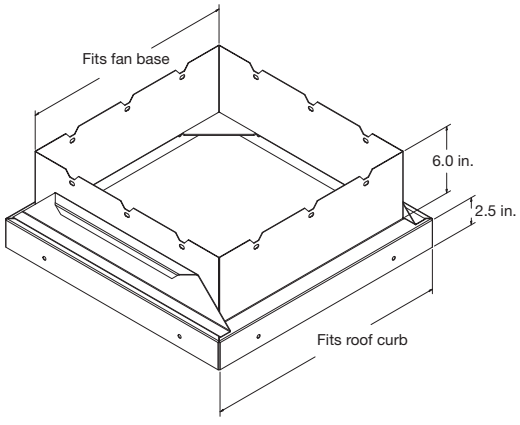


*Corner gussets will be present depending on model sizing

Tall Adapter/Reducer - When fan/ventilator includes a hinged curb cap or grease trap, a tall adapter/reducer is required. This design adds 7.875 inches to the overall height of the fan/ventilator installation.



Reinforced Adapter/Reducer - When adapting the fan base more than 6 inches, a reinforcement channel is required. This design adds 6 inches to the overall height of the fan/ventilator installation.



Both images shown as adapters

Receiving

Upon receiving the product, check to ensure all items are accounted for by referencing the delivery receipt or packing list. Inspect each crate or carton for shipping damage before accepting delivery. Alert the carrier of any damage detected. The customer will make notification of damage (or shortage of items) on the delivery receipt and all copies of the bill of lading which is countersigned by the delivering carrier. If damaged, immediately contact your representative. Any physical damage to the unit after acceptance is not the responsibility of the manufacturer.

Unpacking

Verify that all required parts and the correct quantity of each item have been received. If any items are missing, report shortages to your local representative to arrange for obtaining missing parts. Sometimes it is not possible that all items for the unit be shipped together due to availability of transportation and truck space. Confirmation of shipment(s) must be limited to only items on the bill of lading.

Storage

If the unit cannot be installed immediately, precautions need to be taken to prevent deterioration of the unit during storage. The user assumes responsibility of the unit while in storage. The manufacturer will not be responsible for damage during storage. These suggestions are provided solely as a convenience to the user.

Store units indoor in a clean, dry atmosphere. Remove any accumulations of dirt, water, ice or snow and wipe dry before moving indoor storage. To avoid “sweating” of metal parts, allow cold parts to reach room temperature. To dry parts and packages, use a portable electric heater to get rid of any moisture buildup. Leave coverings loose and locate parts far enough apart to permit air circulation and to allow for periodic inspection. The unit should be stored at least 3 1/2 inches (89 mm) off the floor.

General Installation

1. Attach 1/4 - 20 Tinnerman® U nuts onto adapter. Figure 1 for placement.
   NOTE: For tall adapter/reducer, Tinnerman® U nuts are not required.
2. Apply 1/4 inch thick closed cell foam tape (not provided) along top edge of the adapter/reducer. In the standard and reinforced adapter/reducer design, the foam tape will run across the Tinnerman® U nuts.
3. Place fan/ventilator onto adapter. Reference fan/ventilator IOM for lifting and handling instructions.
4. Secure fan/ventilator to adapter using existing mounting holes in fan base with 1/4 - 20 x 3/4 bolts provided.
5. Secure adapter to curb using a minimum of eight lag screws, metal screws or other suitable fasteners (not provided). Shims may be required depending on curb installation and roofing material.

NOTE: Local code may require the duct to extend to the fan inlet. Check local codes for proper installation.

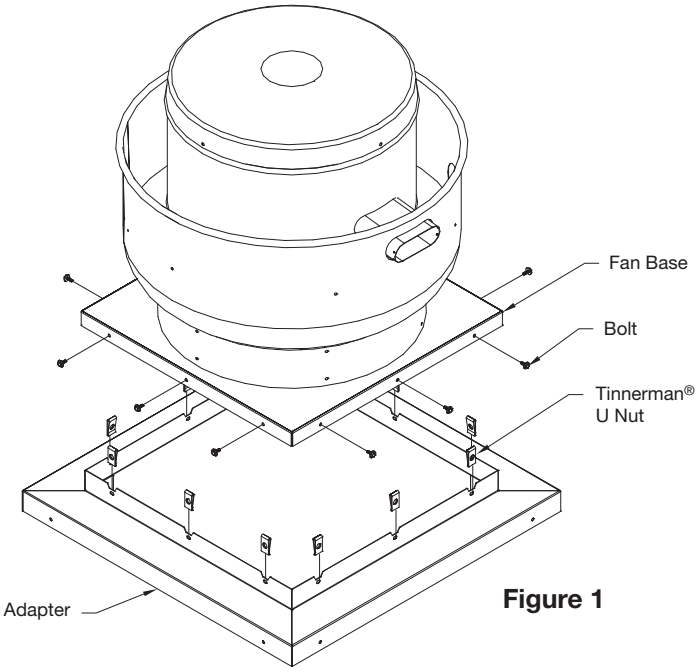


Figure 1

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