Thybar Retro-Mate™ Installation Instructions

New Unit

Gasket Retro-Mate perimeter and Supply/Return perimeters

Retro-Mate

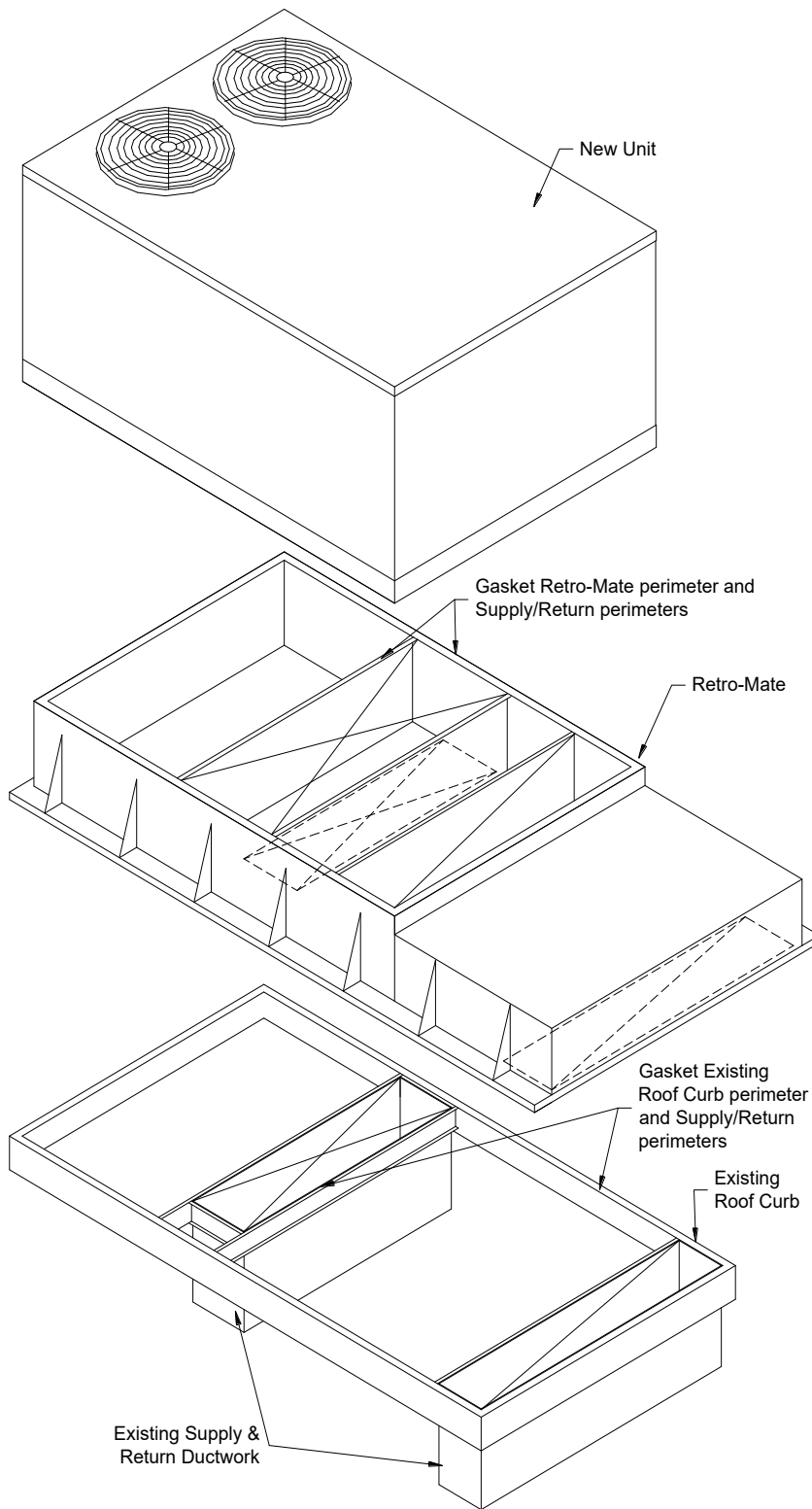Gasket Existing Roof Curb perimeter and Supply/Return perimeters

Existing Roof Curb

Existing Supply & Return Ductwork

1. Shut off and disconnect all gas and electrical connections to the existing rooftop unit.

2. Remove existing unit being careful not to damage the roof curb or the existing ductwork.

3. Remove all gasketing from existing roof curb and duct work and replace with new gasketing supplied with Retro-Mate™. Gasket entire roof curb perimeter and supply/return perimeters with 1 1/2" x 1/4" adhesive backed gasket. If duct support channels are not flush with the top of the curb, Raise height of existing channels to the top of the roof curb.

4. If separate support channels are included with Retro-Mate™, hang these channels on the existing roof curb exactly were indicated on drawing supplied with Retro-Mate™ and fasten in place. These channels are usually used to support the end of the new rooftop unit from below the Retro-Mate™

5. Carefully set Retro-Mate™ on existing roof curb being sure that duct transitions line up with existing ductwork and the Retro-Mate™ is not set backward.

6. Secure Retro-Mate™ to existing curb, spacing appropriate fasteners a minimum of 12" O.C. through Retro-Mate™ counterflashing.

7. Gasket entire Retro-Mate™ perimeter and supply/return perimeters with 1 1/2" x 1/4" adhesive backed gasket. If Retro-Mate™ channels are not flush with the top of the curb, use 3/4"x 1 " gasket on those channels.

8. Hoist the new rooftop unit up to the roof and gently place on the Retro-Mate™ being sure that duct transitions line up and the new unit is not set backward (supply mates with supply etc.).

9. Secure new rooftop unit to Retro-Mate™ per unit manufacturer's installation instructions.

10. Connect all electrical and gas lines to new rooftop unit per manufacturer's recommended instructions.

11. Maintain your Retro-Mate™ adapter by painting the welded areas once a year to avoid rust.

Note: These instructions are meant as a general guide only. Some variations may occur, refer to as built drawings before proceeding. Some field modification may be necessary.