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Spring Color Key (1" and 2")

Blue – 30 lb
Green - 60 lb
Red (Silver) – 120 lb
Black – 200 lb

1. Quick Installation Instructions

- a) Check to ensure curb is level;
- b) Un-band isolation rails. Check to ensure A/B/C/D rail orientation matches the unit and curb orientation;
- c) Apply foam gasket to curb;
- d) Set isolation rails on curb;
- e) Install Tek screws, (2) at each corner;
- f) Drill thru curb into the wood nailer;
- g) Use bolts, washers and nuts to attach isolation rails to curb;
- h) Install (4) corner seals;
- i) Set unit on isolation rails, ensure unit is level;
- j) Remove/install additional supplied springs as needed.

2. Required Tools:

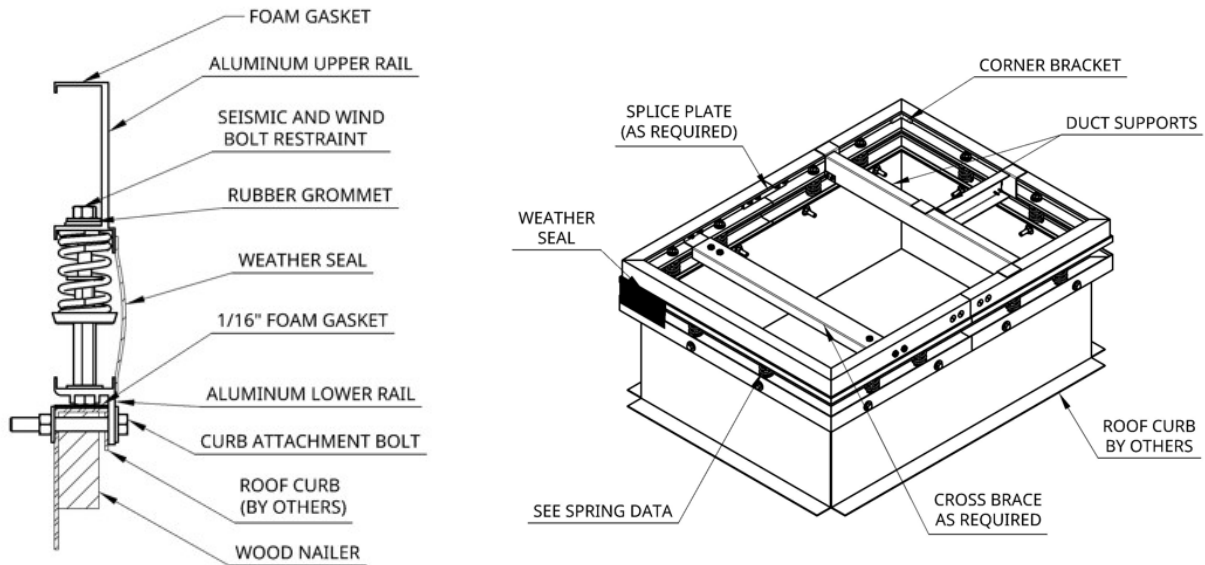
- Hand drill with 1/2" drill bit
- 9/16" open end wrench
- 9/16" socket wrench
- 3/8" socket wrench
- Scissors
- Razor blade
- Level

3. Supplied Parts:

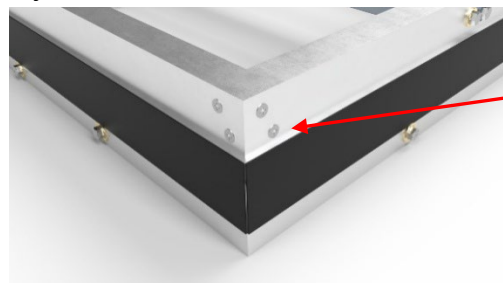
- Rail assemblies (splice if required)
- 3/8" by 3" curb attachment bolts with washer and nut
- Corner bracket
- #14 by 1" Tek screw
- 1/16" Foam gasket
- Seal material
- Additional springs
- Cross brace and cross brace brackets, 2 per cross brace (if required)
 - Cross brace and bracket hardware (3/8" x 1" flat head bolts, 3/8" x 1" head bolts, and 3/8" lock nuts)
- Duct supports and duct support brackets (Left/Right) (if required)
 - Duct support hardware (#8 x 3/4" self-drilling screws)

4. Step by Step Instructions:

1. Read the entire installation instructions before assembling the VIBrail-AT.
2. Install the roof curb in its designed location and roof up to the nailer.



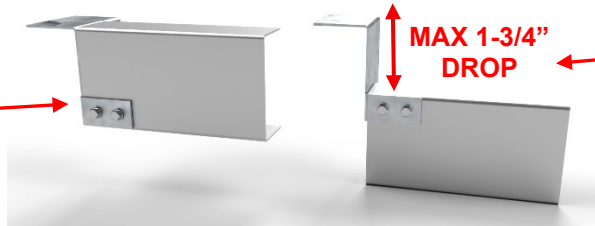
3. Make sure that all four sides of the sheet metal roof curb are level before assembling the VIBrail-AT to the roof curb.
4. Along the top surface of the curb where the VIBrail-AT will be sitting, place the supplied 1/16" thick by 1" wide foam gasket. This gasket is used to ensure a good seal between the curb and the isolation rail.
5. Place each rail one at a time in its designed location (partially assembled) or place the VIBrail-AT on the curb in the designed orientation (fully assembled). Look at submittal for orientation to supply duct, return duct or condenser end. Line up the VIBrail-AT with the top of the curb, and drill the mounting hole locations as shown below with a 1/2" drill bit. Repeat this for all four sides.
6. Rails will be marked A, B, C and D as shown on submittal drawing. Attach rails A and C using the 3/8" curb attachment bolts supplied (do NOT fully tighten bolts).
7. Attach rails B and D to the roof curb using the 3/8" mounting bolts (do NOT fully tighten bolts).
8. Attach the corner brackets already installed to rails B and D to rails A and C using the #14 by 1" Tek screws.



#14 Tek Screw

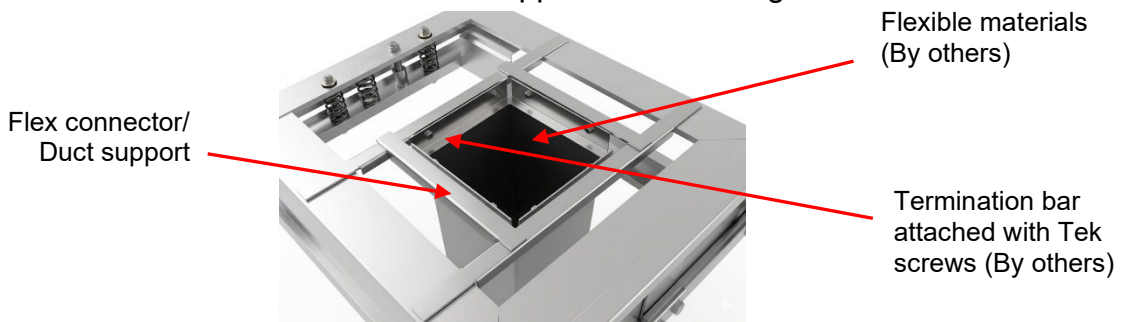
9. Now tighten all the 3/8" curb attachment bolts and nuts.
10. Installing flex connector, duct supports, and cross supports if required for your unit.
 - a. Refer to the unit manufacturers drawing for exact location of the supports.
 - b. Attach the duct support brackets to the duct supports with the #8 x 3/4" self-drilling screws provided. If the unit manufacturer requires that the duct supports are dropped below the top of the isolation rail, adjust the drop of the duct supports. See below.

Duct support bracket and hardware (#8 x 3/4" self-drilling screw) to be installed in field to meet specification.

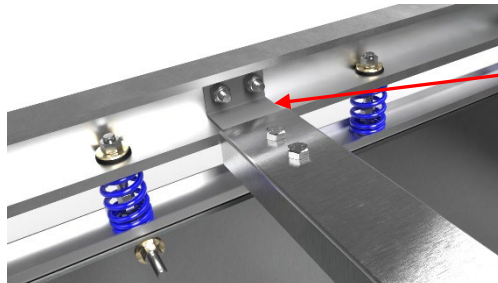


Adjustable drop to allow for a unit to drop into a curb per the unit manufacturers specification.

- c. Once the duct support brackets and duct supports have been placed correctly on the top rail of the VIBrail-AT assembly use a flexible material such as canvas or rubber (provided by others) sheet to connect the flex support to the mating duct work.

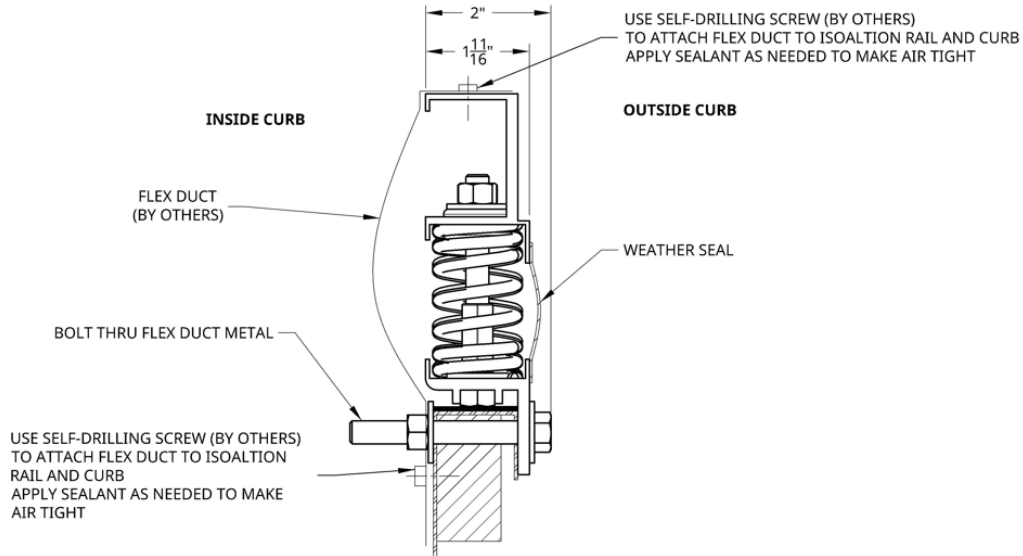


- d. If a cross brace is required, attach the cross-brace brackets to the ends of the cross brace using the hardware provided. Then drill the top rail to match the mounting holes on the cross-brace bracket. The cross-support location is not specified but should be mounted somewhere relatively towards the center, or evenly spaced if there are more than one, without interfering with the duct supports or unit.



Mount the cross-support bracket on the inside of the upper rail.

11. If the curb is designed to act as a plenum, please install the flex connector as shown in the drawing below.



12. Place the thicker neoprene foam gasket supplied with the roof curb on the top surface of the VIBrail-AT to ensure a good seal between the unit and the isolation rail.
13. If the roof curb includes a drain pan section, rail D may need to be notched. Cut out a section of the lower rail to allow rail D to fit within the drain pan section. See the picture below.

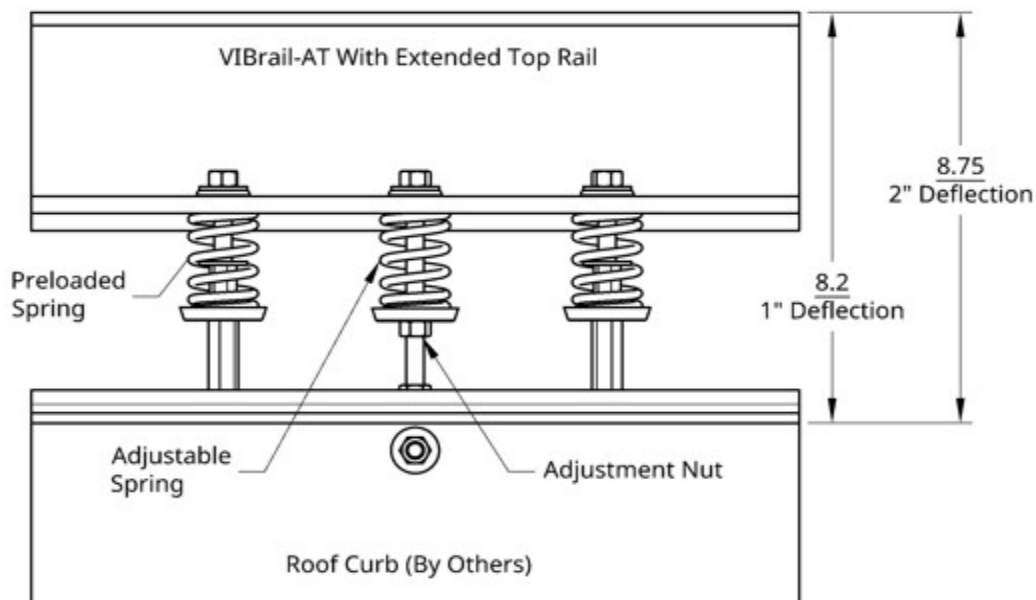


14. Placing the unit on the VIBrail-AT:

- Check to ensure the top of the VIBrail-AT is level.
- Double check that everything is installed per the installation instructions and the submittal data.
- Check if there is any gasket material on the unit where it contacts the VIBrail-AT. If there is, this material will need to be removed for a proper installation.
- Position the air handling unit above the VIBrail-AT before lowering the unit. Ensure it is level. Lower the unit very slowly.
- Once the unit is resting completely on the VIBrail-AT, check to ensure the unit is level before detaching it from the crane.
- Attach the unit to the VIBrail-AT using the unit manufactures specifications.

15. Leveling Instructions.

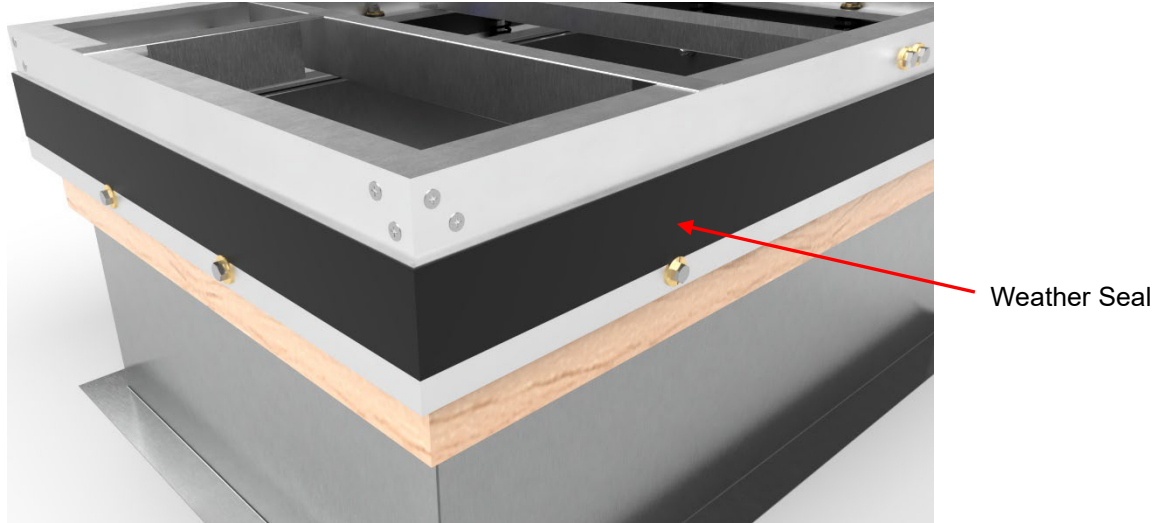
- If the unit is not sitting level, mark where the unit is sitting the lowest.
- Lift the unit off the VIBrail-AT.
- Locate the adjustable restraint locations near the area or side where the unit was sitting low.
- Use the adjustment nuts at each adjustable restraint location to compress the adjustable springs as needed.
- Place the unit back on the VIBrail-AT and ensure it is sitting level.
- If the unit is not level, repeat steps b. through e. and continue to compress the adjustable springs until the unit sits level on the VIBrail-AT.
- When level, attach the unit to the VIBrail-AT using the unit manufactures specifications.





Installation Instructions: VIB-ISO RAIL (VIBrail-AT)

16. Place the provided weather seal around the outside perimeter of the VIBrail-AT to seal the gap between the upper and lower VIBrail-AT rails. See the picture below.



If there are questions regarding these instructions, contact us at (800) 735-9645.

For more information regarding the VIBrail-AT system or any VIB-ISO products, please visit us on the web at www.VIBISO.com.