VRF Vibration Absorber

OPERATION, INSTALLATION AND MAINTENANCE INSTRUCTIONS

General: The VRF Vibration Absorber consists of one section of corrugated stainless-steel hoseand braid, and a stainless-steel to copper conversion fitting.

Application/Notes:

1. The VRF Vibration Absorber has been specifically designed to be used in a VRF systems. The VRF Vibration Absorber can be used for other applications, however, there are other flexible hose products that may be better suited.
2. Vibration Absorbers will be shipped with a tag that specifies its rated movement. Confirm that the system movements are within the rating of the product.
3. Verify that the system pressures do not exceed the published at ratings of the Vibration Absorber found on www.metraflex.com
4. The design pressure marked on this component shall not be less than the installed system working pressure or less than the values outlined in ASHRAE 15 for the charged refrigerant. After charging, mark the installed equipment with the refrigerant type and oil used. This component is not suitable for use with ammonia (R717).

Installation:

1. Inspect joint for shipping damage.
2. During installation, make sure that the flexible hose and braid are protected from damage and overextension. Weld splatter must be kept away from the flexible legs.
3. When required, Vibration Absorbers should be insulated with flexible unicellular, mineral wool or fiberglass insulation. Ridged insulations should be avoided on the hose element to avoid point loading the hose and or cracking the insulation as the VRF Vibration Absorber moves.
4. Insulation should be selected and installed to avoid moisture entrapment.
5. We recommend that the fitting that is being brazed be cold strapped.
6. Thoroughly flush flux from system.