



VRF/VRV PIPING SYSTEMS

REFRIGERANT COUPLINGS SYSTEMS, INC. HAS THE ANSWER TO REFRIGERATION PIPING.

VRF/VRV systems require piping installations that are more than just parts and pieces. In order to function properly they must be integrated SYSTEMS including components that meet building codes, energy codes, manufacturers recommendations, and engineering specifications.

This requires that the piping be installed such that the interior and exterior of the pipe/tube remain clean and dry during and after installation, and while in operation. These SYSTEMS are intended to last 20 years or more. For this to happen proper tube selection, support, expansion/contraction compensation, and insulation selection and installation are imperative.

REFRIGERANT COUPLING SYSTEMS (RCS), INC. provides a braze free (mechanically attached fitting) system that helps accomplish the above requirements, while significantly reducing the contractors total piping system installed cost.

RCS accomplishes this by providing everything required from the Outdoor Unit Connections to the Indoor Unit Connections including bendable quality Copper Tubing, Multi-Unit Connection Kits, Y-Branches, Heat Recovery Box Kits, Refrigerant Service Valves, Couplings, Reducers, and Factory Flare Kits. RCS Y-Branches ship sized to eliminate cutting of the universal Y kits provided by the VRF manufacturers. RCS also provides portable tools for fitting assembly and tube bending.

All of the above items are selected, sized, packaged, and tagged by system per the manufacturers piping schematics.

The ultimate goal for RCS is to eliminate as many joints in the refrigeration piping system as possible. Less joints = less potential for leaks.

By minimizing the number of joints (bending tube through 1-3/8"), eliminating brazing (oxygen, acetylene, silver brazing rod, dry nitrogen purge), keeping the system clean, and matching the piping schematics exactly, RCS method is able to save the installing contractor significant dollars.

Don't think of refrigerant piping systems as parts and pieces ever again. They are in fact SYSTEMS. The RCS method is better than the sum of the parts, and at a lower installed cost.



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