

Existing Mechanical Expansion Valve removal process on a Trane Unit Vent

Carefully unbraid the existing expansion valve by applying enough heat to separate number 1, from number 2. Pay close attention not to overheat the cap tubes from their housing.

Using a pipe cutter only, cut the pipe in the area of number 3. This will allow the TXV to free up and now be removed. You will have an open tube at number 3, which is attached to the low pressure pipe on the UV coil. This tube will need to be squeezed closed, and brazed shut.

You are now ready to install the new Linear Expansion Valve. Please refer to the installation manual of your specific valve, for details on how to correctly install the valve. Depending on the pipe size of your valve, it is very possible that you may require a field installed reducer fitting to connect to the new LEV. Flowing Low pressure Nitrogen when brazing all refrigerant connections is required.

