

ADDENDUM INSTALLATION MANUAL

CONVERSION OF TXV EQUALIZER BOLT ON TUBE TO BRAZE IN TUBE ON THERMAL EXPANSION VALVE KITS

R-22 – S1-1TVM2**, S1-1TVM7** & R-410A – S1-1TVM4**, S1-1TVM9**

FOR USE WITH MODELS:

COILS - G2FD, G1HA, G1HD, G1NA, G1FA, G1UA & AIR HANDLERS - F2RP, F2FP, F2FV

GENERAL

This addendum applies to coils without the bolt on Schraeder fitting for equalizer tube.

All UPG TXV valves have a 1/4" SAE Schraeder fitting suitable for bolt on connection to Schraeder fitting equipped coils. Use of the same series valves on non Schraeder fitting equipped indoor coils requires the following modifications:



FIGURE 1: Original TXV Showing Equalizer Tube



FIGURE 2: Scoring Below Trumpet



FIGURE 3: Cut Equalizer Tube Without Blockage

INSTALLATION

WARNING

ID coil is under 30 psig pressure.

1. Straighten out the equalizer tube and lay on flat surface.
2. With a file, score and file below the 1/4" trumpet around the equalizer tube, see Figure 2.
3. Break off the piece with the 1/4" trumpet, see Figure 3.
4. Inspect the equalizer tube for blockage and remove blockage from the hole, see Figure 3.
5. Punch a hole through the top surface of the suction line with an awl.
6. Insert the equalizer tube into the suction tube hole until it bottoms out. Put a mark on the equalizer tube and pull out 1/4" length of tubing.
7. Braze the equalizer tube in place.
8. Complete TXV installation following standard installation method.