

PARTS LIST

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1	VALVE ASSEMBLY	1
2A	INLET TUBE (FRONT CONNECTION)	1
2B	INLET TUBE (SIDE CONNECTION)	1
3	BULB STRAP WITH BOLTS AND MATING NUTS	1 per TXV
4	FLOWCHECK PISTON KIT	1
5	INSULATION TAPE	1
6	INSTALLATION LABEL	1
7	R-410A LABEL (RXCT-DH* ONLY)	1

INSTALLATION PROCEDURE

1. Remove rubber plug(s) from vapor header.
2. Remove distributor extension assembly.
3. Replace piston with piston furnished in kit. **NOTICE: This is necessary for proper operation of the expansion valve.**
4. Replace teflon seal on distributor assembly.
5. Attach expansion valve assembly to distributor assembly. Be sure to use a back-up wrench.
6. Select proper inlet tube for application. Position inlet tube and braze to expansion valve assembly.

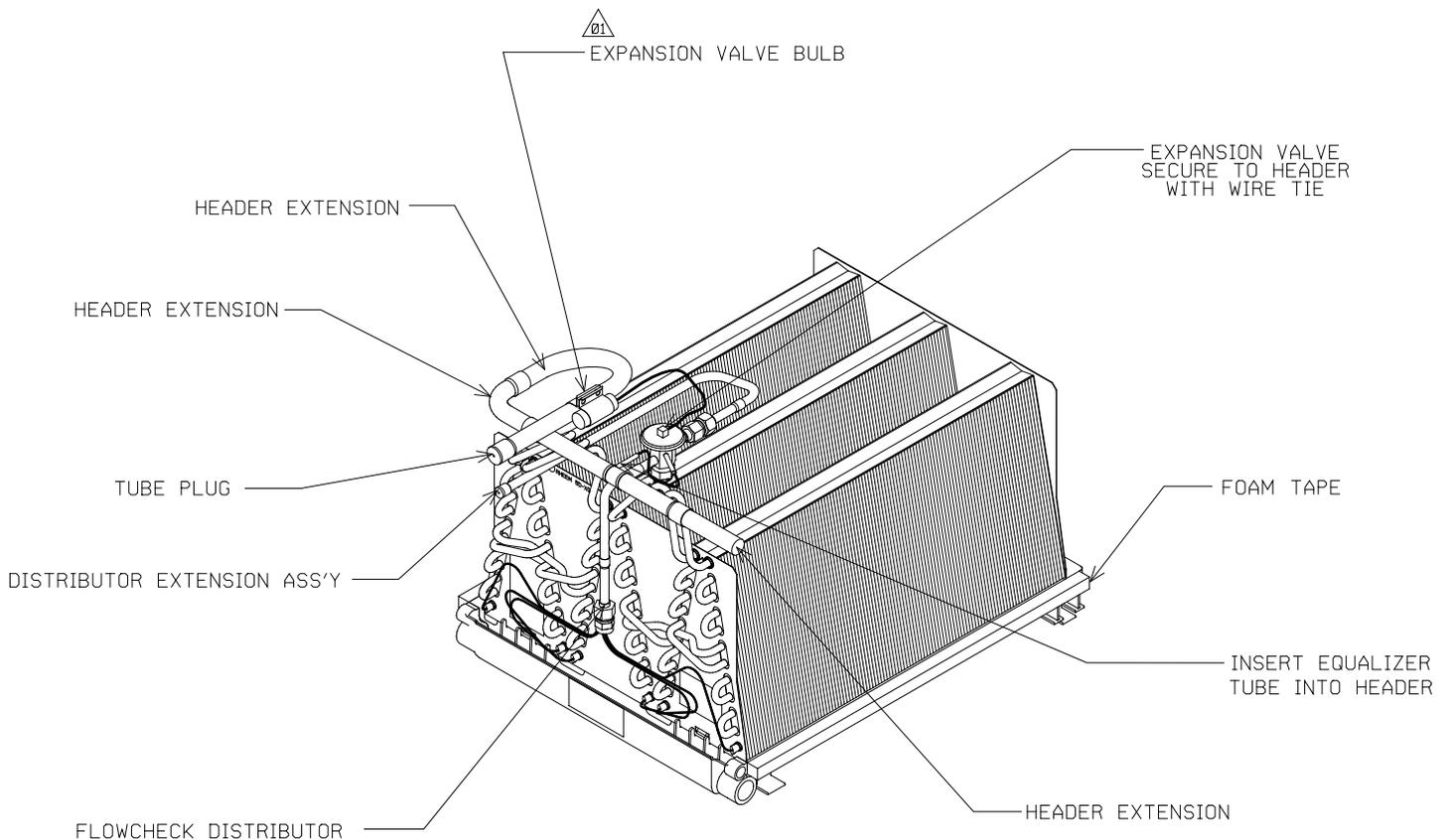


FIGURE 1. FRONT CONNECTION COIL

NOTES

1. DRAWING SHOWS 6 ROW COIL ASSEMBLY;
HOWEVER, ALL COIL ASSEMBLIES TYPICAL.

7. EQUALIZER TUBE INSTALLATION

- A. A 3/16" diameter short tube is provided in the center of short header for installation of the 1/8" equalizer tube from the TX valve. See Figure 1.
- B. With a file, notch both sides of the 3/16" diameter tube back 1/2" from the pinched and soldered end. With pliers, hold end of tube and gently bend back and forth until tube breaks off clean.

C. Insert 1/8" equalizer tube from the TX valve into 3/16" tube in center of header. Insert 1/4" to 1/2" and solder leak tight. Be sure that the equalizer tube is not plugged with braze material during this process.

8. CLOSING UNUSED END OF HEADER

Install the header extension in the unused end of the header for side connections coils. Front connection coils have the header extension installed from the factory.

9. EXPANSION VALVE BULB INSTALLATION

NOTE: For maximum performance on side connections coils, mount the expansion valve bulb to the exterior of the cabinet as shown in Figure 2. If space does not allow the bulb to be mounted outside the cabinet, mount it securely to the copper street elbow.

1. Do Not solder street elbow with TXV bulb clamped to it.
2. Remove TXV bulb from the copper street elbow.
3. Place the expansion valve through the knockout in the cabinet.
4. Solder the street elbow in desired side of vapor header.
5. Securely clamp the TXV bulb to the vapor line.
6. Insulate the TXV bulb and vapor line with the black insulation tape provided in the parts bag.

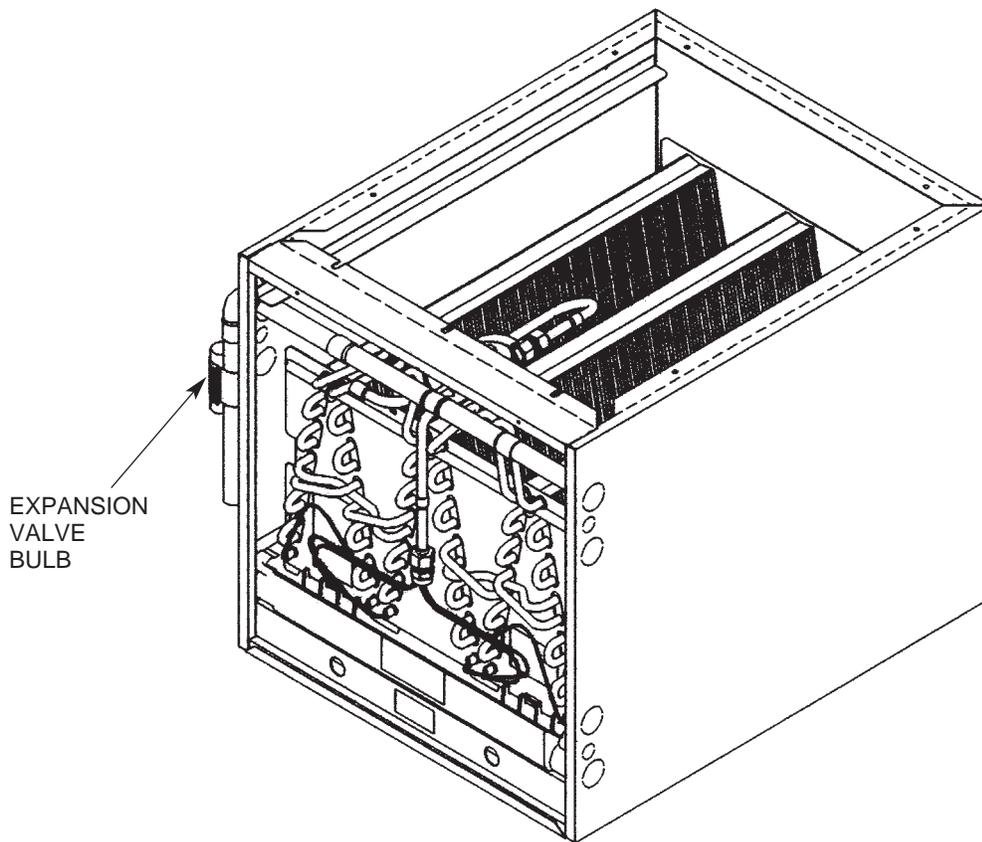


FIGURE 2.

Front Connection Coils

- A. Attach expansion valve sensing bulb, with strap provided, to header extension as shown in Figure 1. Torque to 18 inch-lbs. Wrap bulb with insulation tape.
 - B. Attach inlet tube with nut to the inlet tube of the valve. Heat pump applications require installation of a teflon seal. the inlet tube exits the front of the cabinet.
10. Place the Installation Label on the front door of the coil assembly and check the appropriate accessory. This label will notify the inspector that an expansion valve accessory has been installed. The coil is now ready for proper installation. Consult the installation instructions included with the indoor coil for proper installation and operating instructions.
 11. Place the pink R-410A label on the front door (for RXCT-DH* Kits only). This label will notify the inspector that this is an R-410A coil.

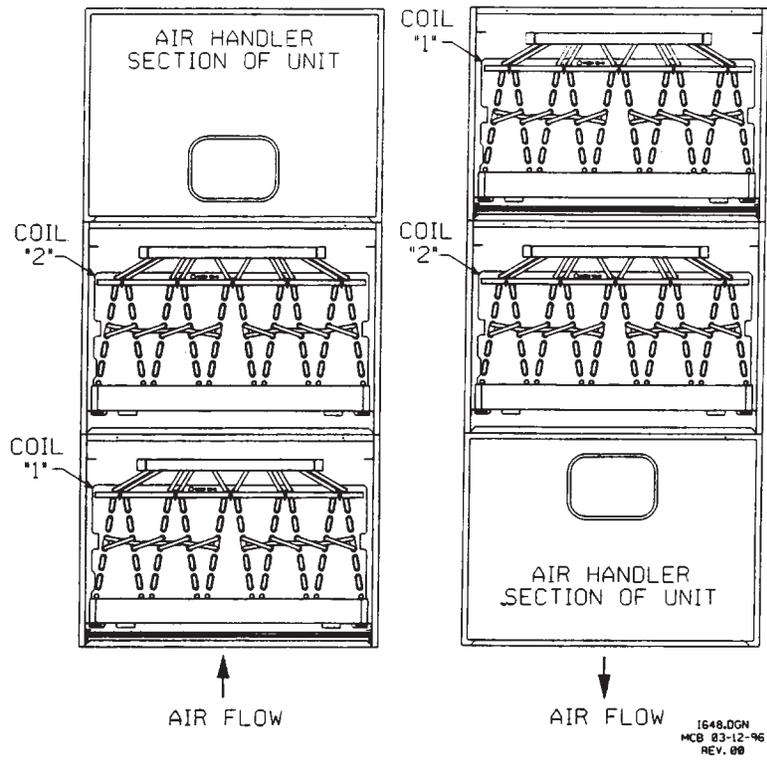


FIGURE 3. UNIT CONFIGURATION