

R410-A Expansion Valve Replacement For R-22 Fan Coils

Kits EBAC05TXVX1, EBAC06TXVX1, & EBAC07TXVX1

These instructions must be read and understood completely before attempting installation.

FAN COIL SIZE	R410-A TXV KIT NUMBER	FAST #
18, 24, 30	EBAC05TXVX1	1172348
35, 36, 42	EBAC06TXVX1	1172349
48, 60	EBAC07TXVX1	1172350

WARNING
R410-A OPERATION ONLY

PLEASE! UNDER NO CIRCUMSTANCES LEAVE THE LINES OPEN TO THE ATMOSPHERE FOR ANY PERIOD OF TIME.

This kit utilizes a non-bleed expansion R410-A valve that allows the installer to replace an existing R-22 valve. Check proper size TXV as per the specification sheet table.

NOTE: Always use two (2) wrenches when removing or installing fittings to avoid bending or twisting any tubes.

1. Remove existing tie down strap and remove TXV valve, by loosening the flare nut.
2. Remove temperature sensing bulb.
3. Unbrazed existing equalizer line and disconnect from suction line.

4. Attach the replacement TXV assembly to the flare fitting and tighten finger tight, then tighten an additional 1/6 turn (one hex flat).

5. Insert the equalizer line into the suction line and braze using a suitable alloy such as Silfos-5. **NOTE: The equalizer tube MUST point upward so it will not collect oil.**

NOTE: Allow suction line time to cool (ambient temperature) prior to installing temperature sensor bulb.

6. Mount the Temperature Sensing Bulb on the suction manifold with the mounting clamp. The sensing bulb should be located at the 4 o'clock or 8 o'clock position. **MAKE SURE** the bulb is straight on the manifold with good contact.

7. Check for leaks.

CHARGING GUIDELINES

Systems equipped with this expansion valve kit should be charged using liquid subcooling method. For optimum performance, subcooling should be set to 10°F to 12°F (-12°C to -11°C) with outdoor ambient between 65°F and 115°F (18°C and 46°C).

