

# INSTALLATION INSTRUCTIONS FOR EXPANSION VALVE KITS XVB18-36C, XVB42-60C, XV18-36C, XV42-60C

## PARTS LIST

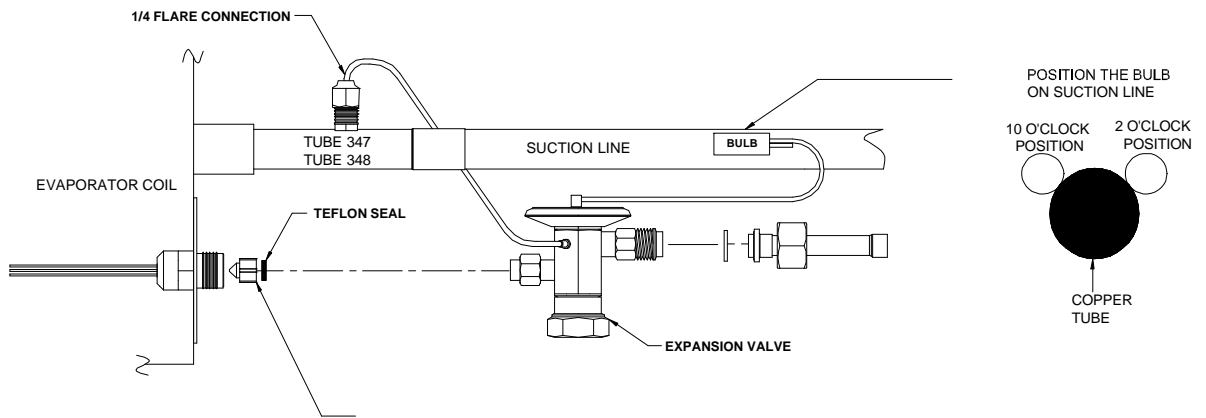
Expansion Valve	XVB18-36C
	XVB42-60C
	XV18-36C
	XV42-60C
Tube 347 (EVAPS. W/ $\frac{7}{8}$ " O.D. SUCTION)	
Tube 348 (EVAPS. W/ $\frac{3}{4}$ " O.D. SUCTION)	
Instructions (this sheet)	
Banding straps	
- $\frac{1}{4}$ " Nuts	
- $\frac{1}{4}$ " Bolts	

## PACKING LIST G.M.C. PART No.

B12846-65
B12846-66
B12846-67
B12846-68
17279-348
IO-602
Included with XV
Included with XV
Included with XV

## QTY.

1	
1	
1	
1	
17279-347	1
1	
1	
1	
2	
2	



**REMOVE BEFORE INSTALLING  
EXPANSION VALVE**

**Important: Piston must be removed from the Flowrator Distributor Assembly for proper Expansion Valve operation.**

### To remove piston from Flowrator Distributor Assembly :

1. Loosen the 13/16 nut 1 TURN ONLY, relief pressure. No pressure loss
2. indicates possible leak.
3. Remove the nut and discard the black seal.
4. Remove the check piston and discard.
5. Use a tube cutter to remove the spin closure on the suction line.
6. Remove the tailpiece clamped to the exterior.
7. Braze 347 or 348 to suction line field connection on coil. Make sure to slide back grommet and insulation before brazing.
8. Braze 347 or 348 to suction line tubing (line set).
9. Connect expansion valve outlet to flowrator body. Make sure Teflon seal is in place.
10. NOTE DIRECTION OF FLOW (Fluid is flowing towards the evaporator coil).
11. Slide the 13/16 nut into position. Braze tailpiece to the liquid tube (line set).
12. AFTER THE TAILPIECE HAS COOLED, position the white Teflon seal and hand tighten the nut.
13. Torque the 13/16 nut to 10-30 ft/lb. or tighten 1/6 turn.
14. Connect equalizer tube with 1/4 flare nut to suction line fitting on 347 or 348.
15. Secure expansion valve bulb to suction line with banding straps provided at the 10 o'clock or 2 o'clock position.
16. IMPORTANT: Insulate the bulb and adjacent area.
17. Check for leaks.
18. Re applied the suction line grommet and tube insulation.

