

INSTRUCTIONS



Carrier

A United Technologies Company

99TA504012

Instruction Sheet Number: **99TA504012**

99TA504012 (for RCD use only)

Description: TXV FAN COIL REPLACEMENT KIT

Author: R.C.


Date: October 10, 2006

Part Number: 332368-750, 332368-751, 332368-752, 332368-753, 332368-754, 332368-755, 332368-756, 332368-757, 332368-758, 332368-759


SAFETY CONSIDERATIONS


Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warning or cautions attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal word DANGER, WARNING, or CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions that **will** result in enhanced installation, reliability, or operation.

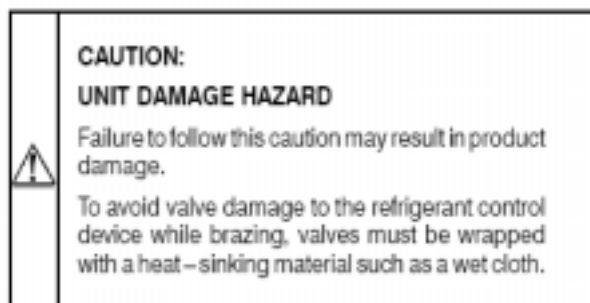
	WARNING: ELECTRICAL OPERATION HAZARD
	Failure to follow this warning could result in personal injury or death. Before installing or servicing system, always turn off main power to system. There may be more than one disconnect switch. Turn off accessory heater power if applicable.

	CAUTION: PERSONAL INJURY HAZARD
	Failure to follow this caution may result in personal injury. This coil contains nitrogen precharge of up to 15 PSI. Release of this pressure through the center of the rubber plugs is required before removing the plugs.

332368-750 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD034	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-751 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD054	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-752 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD064	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp



332368-753 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD122	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-754 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD132	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-755 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD142	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-756 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD036	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-757 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD038	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-758 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD119	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp

332368-759 BOM		
Part #	Qty	Description
99TA504012	1 PC	Installation Instructions
EA36YD138	1 PC	Thermal Expansion Valve R-22
331146-2_A	1 PC	Warranty Return Tag
KA67CN111	1 PC	Clamp



IMPORTANT: UPON CHANGING THE TXV, the liquid line **FILTER DRIER** (not provided in kit) must be replaced.

1. Evacuate the coil and field supplied tubing.
2. Remove coil access panel from cabinet.
3. With a back up wrench in place, loosen TXV hex nut and separate the TXV from the distributor.
4. Unsweat and remove the equalizer from the vapor line.
5. Remove the TXV support clamp.
6. Remove the bulb from the cabinet.
7. Cut the connection between the liquid line and TXV with a tubing cutter. Leave enough length on stub to connect new TXV.
8. Once the existing TXV has been removed, attach the TXV Warranty tag (with the supplied plastic wire tie) from the kit to the failed TXV. Fill out the warranty tag and place the tag and TXV in the replacement box for return.
9. Prior to brazing, wrap the TXV with appropriate heat-sink material such as a wet cloth. Be sure the heat-sink material is behind the braze joint.
10. Attach the TXV inlet tubing to liquid line, replace the liquid line filter drier, and with nitrogen flowing through the refrigerant lines, braze connections. After brazing, allow joint to cool before continuing. Once cooled, attach the TXV outlet hex nut to the distributor. Use a backup wrench to prevent damage to the tubing (See Figure 1).
11. Position the replacement TXV bulb at the same location as the original bulb.
12. Attach the TXV support clamp.
13. Recharge the system and check the system for leaks.

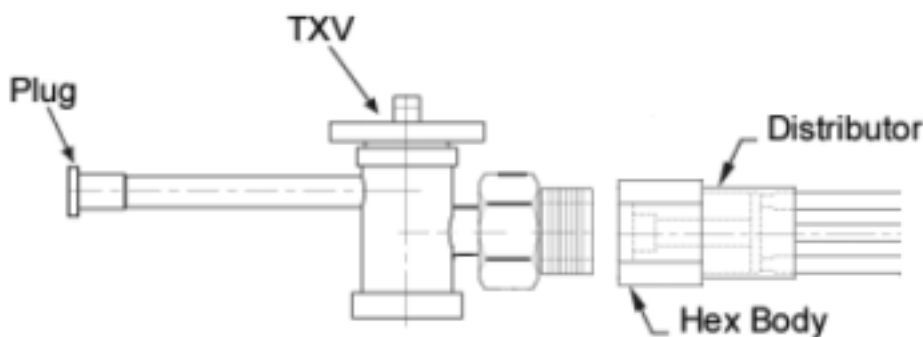


Figure 1