

505,041M  
 06/06  
 Supersedes 12/05

**Humiditrol® Enhanced  
 Dehumidification Accessory  
 (EDA) Insulation and Piping Kit**

**INSTALLATION INSTRUCTIONS FOR HUMIDITROL® (EDA) INSULATION AND PIPING KIT**

The kits covered by this document include components needed to install the Humiditrol® EDA unit. Not all systems will require a charge compensator and its related components.

Refer to the EDA installation instructions (505021M) for complete installation procedures.

The following table identifies the items, purpose, and quantities required per kit.

Item	Purpose	98M62	94M44 & 98M22
Charge Compensator	Repository for refrigerant not needed in dehumidification mode. Not used in some systems.	None	1
6' length of 1/4" OD copper tube (see note)	Connects to charge compensator's 1/4" connection.	None	1
6' length of 1/4" ID, 1/4" wall tube Insulation	Insulates charge compensator 1/4" line.	None	1
10" x 16" sheet of adhesive backed insulating foam	Insulates charge compensator.	None	1
4" x 4" sheet of adhesive backed insulating foam	Insulates ends of charge compensator.	None	2
6' length of 3/8" ID, 1/4" wall Tube Insulation	Insulates vapor line between tee and EDA and liquid line from EDA to indoor unit TXV.	2	2
Tee (7/8" x 7/8" x 3/8")	Routes a 3/8" vapor line to EDA.	1	1
Reducer (1-1/8" x 7/8")	Also included to complete vapor line connections (may or may not be required).	2	2
Reducer (7/8" x 3/4")		2	2
Reducer (7/8" x 5/8")		2	2

**NOTE - Length of 1/4" copper tube is sufficient for most installations but it may be longer if more distance must be covered. The line may be a maximum length of 12 feet, but MUST be 1/4" in diameter tube. Be sure to cover additional line with similar length of wall tube insulation.**

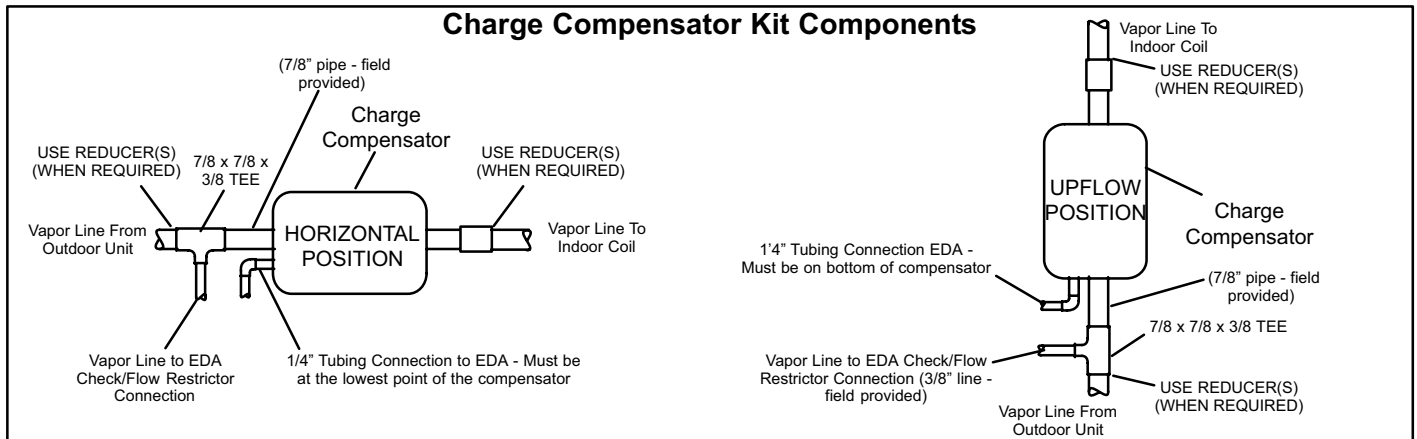



Figure 1

**⚠ WARNING**

**Risk of explosion or fire! Can cause injury or death.**

**Recover all refrigerant to relieve pressure before opening the system.**



**⚠ IMPORTANT**

**The Clean Air Act of 1990 bans the intentional venting of refrigerant (CFC's, HFC's, and HCFC's) as of July 1, 1992. Approved methods of recovery, recycling or reclaiming must be followed. Fines and/or incarceration may be levied for noncompliance.**

