



**INSTRUCTION MANUAL  
PRECHARGED LINES: IM-416-11**

**NOTE: Over-twisting or over-tightening of the end attached to the pre-charged line will cause a refrigerant leak and will NOT be considered a warranty!**

Using two wrenches prevents leaks or bending of the connector.

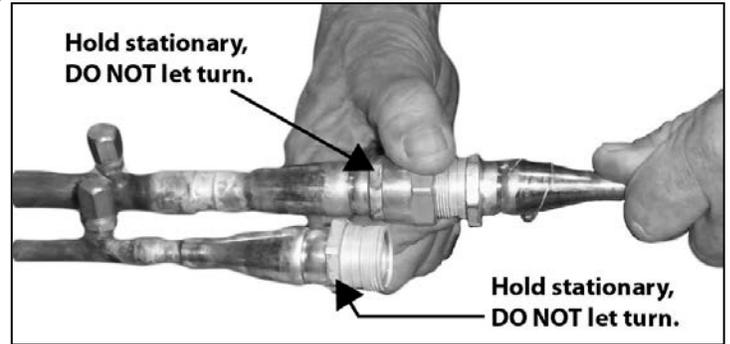
1. Remove caps and wipe for any dust or materials that may have accumulated during shipping. Keep the sealing caps if any problem should arise and the unit must be returned.

2. Match up the:

- A. Un-insulated tubing so that it is positioned with the:
  - Female end to the male connector of the condensing unit
  - Male end to the female connector of the evaporator
- B. Insulated tubing so that it is positioned with the:
  - Male end to the female connector of the condensing unit
  - Female end to the male connector of the evaporator
 (If not aligning correctly shift the condensing unit.)

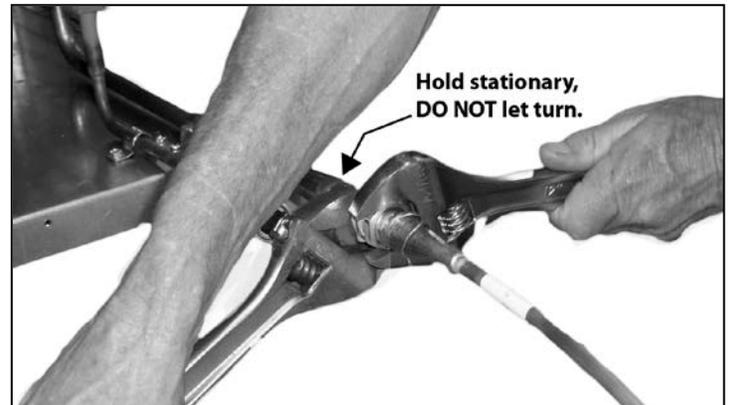


3. Once lines are uncoiled and run to the condensing unit and evaporator, line up the connectors and finger tighten the hex nut onto the male connector threads. **DO NOT CREATE ANY KINKS IN THE LINE.**



4. Using two wrenches (see chart below for sizes) tighten the connector to the unit until sealed. This should take a few complete turns as the valve opens completely.

5. **YOU MUST SECURE THE CONNECTOR CORRECTLY IN ORDER TO INSURE A LEAK-PROOF SEAL. DO NOT OVER TIGHTEN THE LINE WHICH WILL CAUSE A RUPTURE AND RESULT IN A LEAK AND WILL NOT BE CONSIDERED A VALID WARRANTY CLAIM.**



6. Repeat these steps until all lines have been connected correctly.

There may be some noise or minor refrigerant drops when first attached, but once all connectors are tightened correctly the noise and leak should stop. If it persists call 1-800-24BALLY for assistance.

**Bally is not responsible for damage that occurs when these directions are not properly followed.**

Line Size	USE	Wrench Size		Torque
		Male	Female	
3/8"		1 1/8"	1 3/16"	30-35 ft./lbs.
1/2"		1 1/8"	1 3/16"	30-35 ft./lbs.
5/8"		1 1/8"	1 3/16"	30-35 ft./lbs.
7/8"		1 5/8"	1 5/8"	45-50 ft./lbs.
1 1/8"		1 7/8"	2"	60-65 ft./lbs.

Sizes recommended by Parker Hannifin