

Accessory Kit

Installation Instructions

LLSQ Liquid Line Solenoid for S3Q and T3Q -024 thru -042

This accessory kit may be used with NORDYNE Split System Air Conditioners and Heat Pumps matched with stand-alone coils. The purpose of this kit is to retain liquid refrigerant in the high side of the system after the unit shuts off. This kit will not perform on split systems higher than 3-1/2 tons capacity.

NOTE: This kit consists of a liquid solenoid valve with an internal check valve. The complete kit is ready to install in the liquid line. It is recommended that this kit be installed indoors at the evaporator quick connects.

⚠ WARNING

Improper installation may damage equipment and may create a hazard. Persons not qualified for proper installation and operation of this equipment should not install this kit.

INSTALLATION SEQUENCE

For Retrofit Installations:

1. Turn power off to units.
2. Reclaim refrigerant from system.
3. Install the kit using the proper methods listed below for New Installations.
4. Recharge the system per the charging instructions in the outdoor unit.

New Installations:

1. Attach the kit to the coil using the methods below.
2. Attach the liquid line to the kit using the same methods.
3. Wire the solenoid to the "Y" and "C" terminals in the indoor or outdoor unit so that when the compressor is on, the solenoid is "energized".

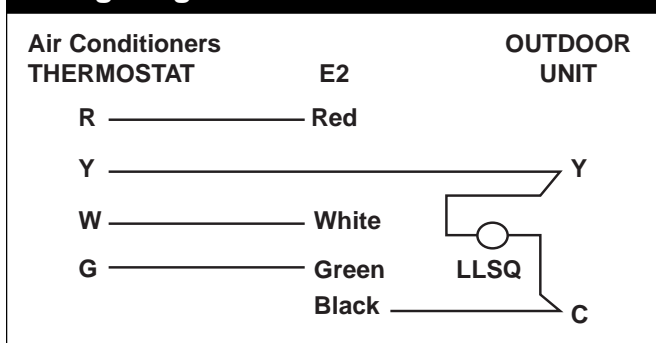
To insure proper sealing of couplers these steps must be followed:

1. Wipe coupling threads and seals with a clean cloth to remove any dust or foreign material.
2. Using refrigerant oil, lightly lubricate diaphragm, seal, and threads of male (only) couplings.
3. Connect couplings as follows:
 - A. Thread coupling halves together by hand to insure proper mating of threads. DO NOT FORCE.
 - B. Using proper size wrenches, hold the coupling body hex while tightening unit nut until it "bottoms out".
 - C. Tighten an additional 1/4 turn to insure proper seal. (See unit charging label or installation instructions for recommended torque values if using a torque wrench).
 - D. Do not overtorque couplings as leaks may be created.
4. Check all connections for leaks.

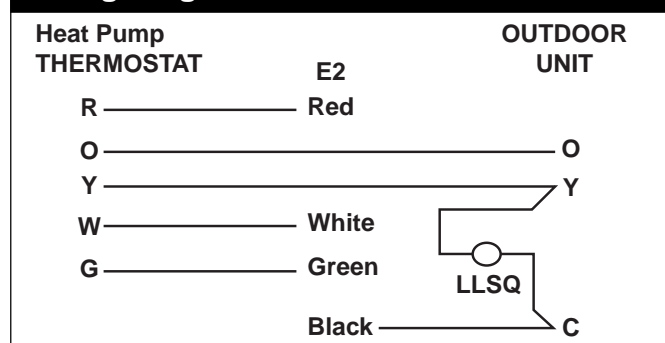
Electrical Connections

All electrical wiring performed in the field must conform to the National Electrical Code (NEC) as well as all local codes.

Wiring Diagram



Wiring Diagram



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