

EZ TRAP

July 29, 2007

INTERIM INSTALLATION INSTRUCTIONS FOR INSTALLING AND WIRING 24 VOLT TRANSFORMER FOR LG MINISPLIT EVAPORATORS.

1. Confirm all components are present before starting to install.
2. Attach NEMA 4 enclosure to correct position on condenser exterior with 2 metal screws (**do not overtighten as this may crack plastic**).
3. Drill 7/8" hole through back of NEMA enclosure and metal condenser wall.
4. Install 1/2" watertight cable gland through back of enclosure and condenser wall and tighten locknut. **DO NOT OVERTIGHTEN.**
5. Place transformer into NEMA 4 Enclosure.
6. Note input voltage of condenser, thread wire provided through the gland and wire condenser input terminals to corresponding transformer input wires as per wiring diagram provided. **ATTACH GROUND WIRE TO TRANSFORMER BODY.**
7. **CHECK POWER SUPPLY FOR CORRECT VOLTAGE, IF INCOMING POWER IS TOO LOW, PUMP WILL NOT OPERATE CORRECTLY AND MAY BURN OUT PREMATURELY.**
8. Thread end of shielded pump wire through gland into enclosure and connect to 24 volt transformer output terminals. **ATTACH GROUND WIRE TO TRANSFORMER BODY.**
9. Run pump wire along lineset and attach it with cable ties at intervals until it terminates at evaporator. Remove excess wire. **THIS MUST BE SHIELDED WIRE, DO NOT USE STANDARD THERMOSTAT WIRE !**
10. If fuse is fitted to transformer check that this is not broken or blown and is correctly fitted into retaining clips.
11. Ensure rubber gasket is in place then attach cover of NEMA 4 enclosure securely. **DO NOT OVERTIGHTEN SCREWS.**
12. Connect other end of pump wire to power wires of pump in vicinity of evaporator as per diagram. **ENSURE YOU ARE USING CORRECT DIAGRAM AS THERE IS A DIFFERENCE IN THE WIRING FOR SINGLE ZONE AND FLEXI MULTI SYSTEMS. CONNECT GREEN WIRE TO ENSURE PUMP IS GROUNDED.**
13. Connect overflow switch as per diagram.
14. Confirm pump is operating correctly.

15. Attach warning label provided to front face of terminal cover in condenser.