Wiring Diagram

Fig. 1 – Wiring Diagram — Model sizes 1-1/2 - 5 tons, 208/230-1

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NOTES:
1. Symbols are electrical representation only.
2. Compressor and fan motor furnished with inherent thermal protection.
3. To be wired in accordance with National Electric N.E.C. and local codes.
4. N.E.C. class 2, 24 V circuit, res. 40 VA required, 60 VA on units installed with LLS.
5. Use cooper conductors only. Use conductors suitable for all at least 70°F (17°C).
6. Connection for typical cooling only thermostat. For other arrangements see installation instructions.
7. If outdoor section has a transformer with a grounded secondary, connect the grounded side to the BRNVLN lead.
8. When start relay and start capacitor are installed, start thermostat is not used.
9. If any of the original wire, as supplied must be replaced, use the same or equivalent wire.
10. Check all electrical connections inside control box for tightness.
11. Do not attempt to operate unit until service valve have been opened.
12. Do not rapid cycle compressor. Compressor must be of 3 minutes to allow pressures to equalize between high and low side before starting.
13. Wire not present if LPS, DTS, HPS and/or CTD are used.
14. BLU or RED wire connected to conector coil when DTS used and LPS, HTS, CTD not used.

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CAUTION
1. Compressor damage may occur if system is overcharged.
2. This unit is factory charged with R-410A in accordance with the amount shown on the rating plate. The charge is adequate for most systems using matched coils and tubing not over 15 feet long. Check refrigerant charge for maximum efficiency. See Product Data Literature for required indoor air flow rates and for use of the lengths over 15 feet.
3. Release pressure and recover all refrigerant before system repair or final disposal. Use all service parts and contact all low-control devices, including solenoid valves.

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