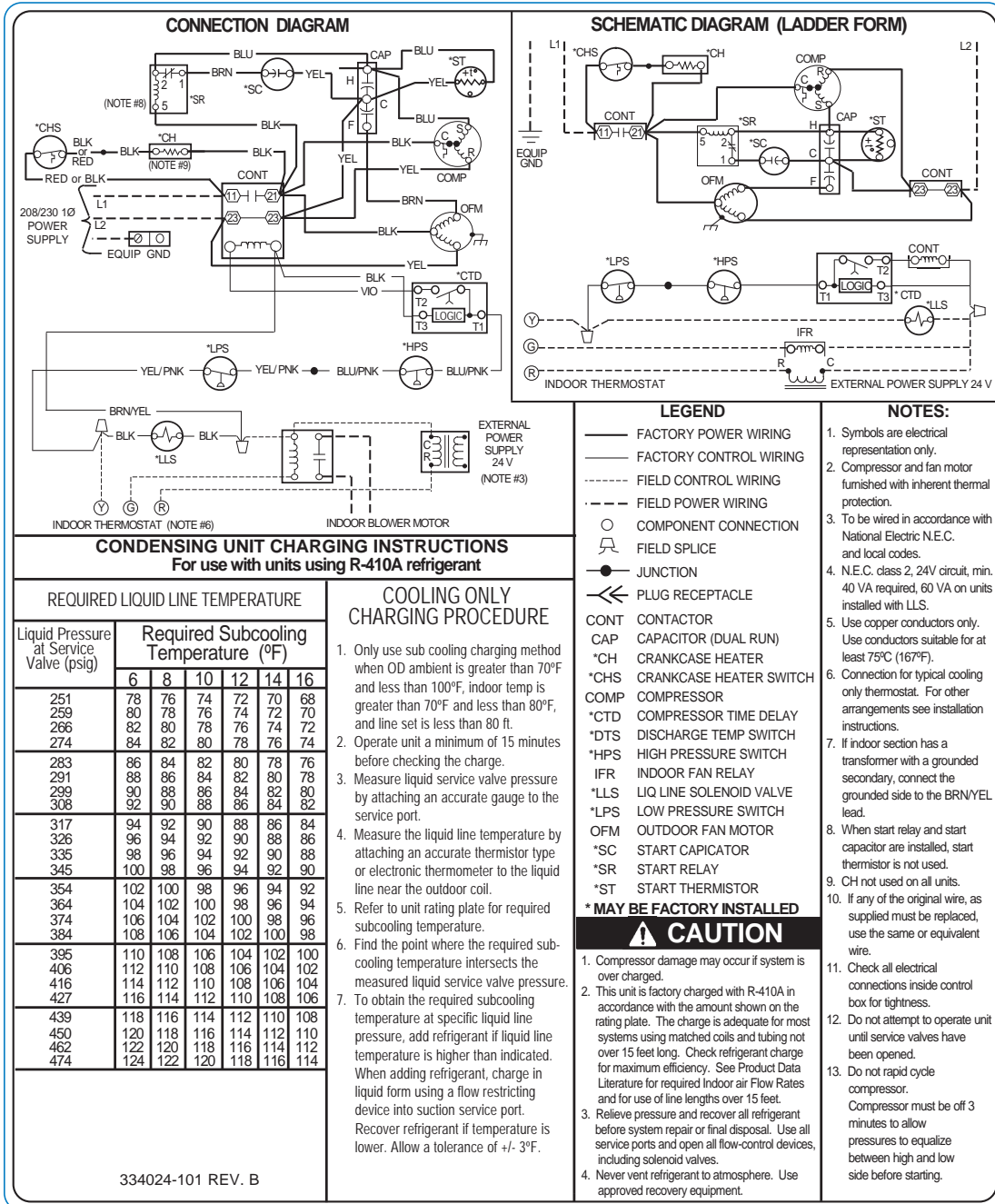


Wiring Diagrams



334024-101 REV. B

- #### LEGEND
- FACTORY POWER WIRING
 - FACTORY CONTROL WIRING
 - - - FIELD CONTROL WIRING
 - - - FIELD POWER WIRING
 - COMPONENT CONNECTION
 - ⊕ FIELD SPLICE
 - JUNCTION
 - ⊔ PLUG RECEPTACLE
- CONT CONTACTOR
 CAP CAPACITOR (DUAL RUN)
 *CH CRANKCASE HEATER
 *CHS CRANKCASE HEATER SWITCH
 COMP COMPRESSOR
 *CTD COMPRESSOR TIME DELAY
 *DTS DISCHARGE TEMP SWITCH
 *HPS HIGH PRESSURE SWITCH
 IFR INDOOR FAN RELAY
 *LLS LIQ LINE SOLENOID VALVE
 *LPS LOW PRESSURE SWITCH
 OFM OUTDOOR FAN MOTOR
 *SC START CAPACITOR
 *SR START RELAY
 *ST START THERMISTOR

- * MAY BE FACTORY INSTALLED**
- CAUTION**
- Compressor damage may occur if system is over charged.
 - 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 line lengths over 15 feet.
 - Relieve pressure and recover all refrigerant before system repair or final disposal. Use all service ports and open all flow-control devices, including solenoid valves.
 - Never vent refrigerant to atmosphere. Use approved recovery equipment.

- #### NOTES:
- Symbols are electrical representation only.
 - Compressor and fan motor furnished with inherent thermal protection.
 - To be wired in accordance with National Electric N.E.C. and local codes.
 - N.E.C. class 2, 24V circuit, min. 40 VA required, 60 VA on units installed with LLS.
 - Use copper conductors only. Use conductors suitable for at least 75°C (167°F).
 - Connection for typical cooling only thermostat. For other arrangements see installation instructions.
 - If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN/YEL lead.
 - When start relay and start capacitor are installed, start thermistor is not used.
 - CH not used on all units.
 - If any of the original wire, as supplied must be replaced, use the same or equivalent wire.
 - Check all electrical connections inside control box for tightness.
 - Do not attempt to operate unit until service valves have been opened.
 - Do not rapid cycle compressor. Compressor must be off 3 minutes to allow pressures to equalize between high and low side before starting.

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

