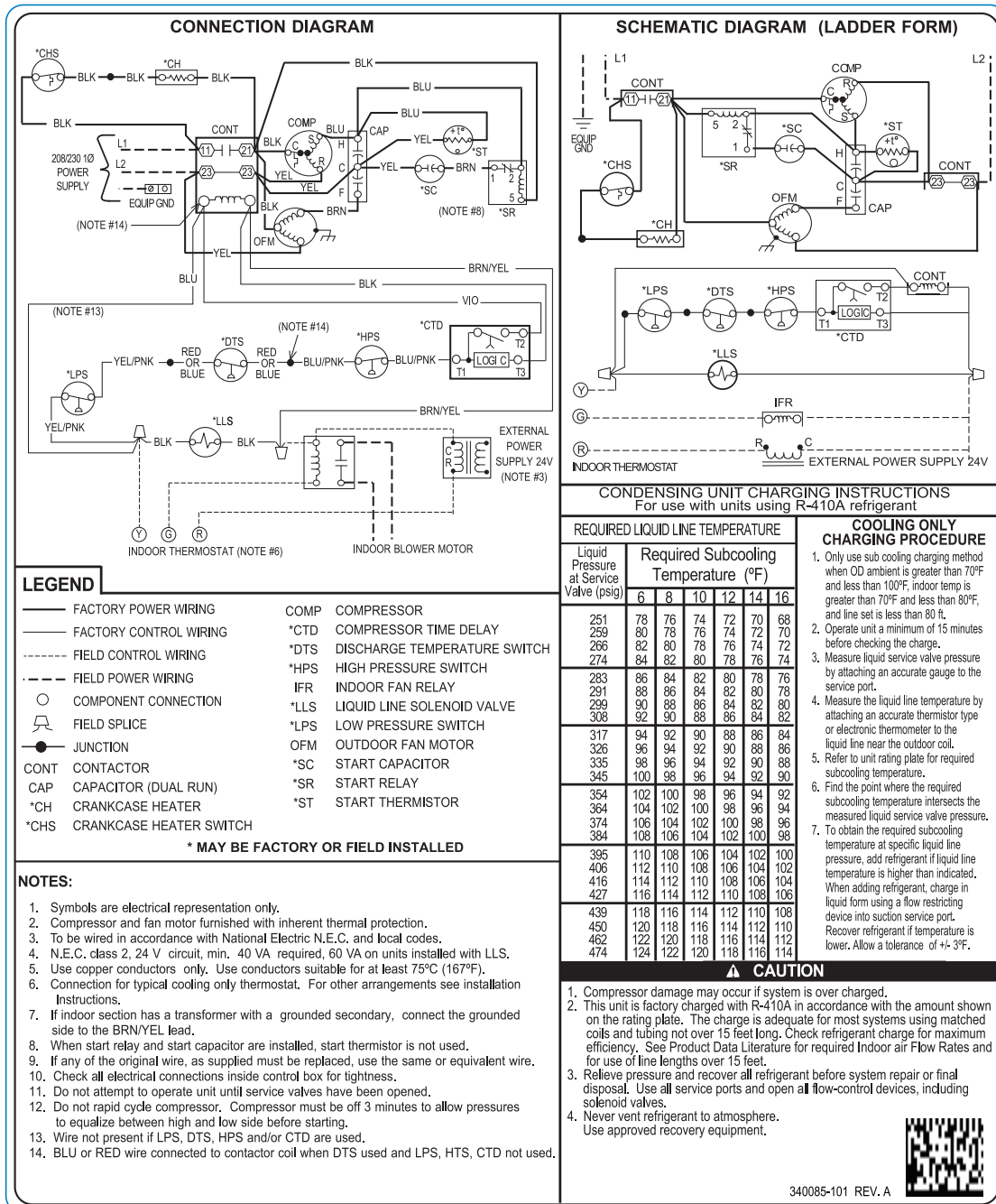


**24AAA5
24AAA6
Single-Stage Air Conditioners
with Puron® Refrigerant
1-1/2 To 5 Nominal Tons**



Wiring Diagram



LEGEND

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

* MAY BE FACTORY OR FIELD INSTALLED

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, min. 40 VA required, 60 VA on units installed with LLS.
5. Use copper conductors only. Use conductors suitable for at least 75°C (167°F).
6. Connection for typical cooling only thermostat. For other arrangements see installation instructions.
7. If indoor section has a transformer with a grounded secondary, connect the grounded side to the BRN/YEL lead.
8. When start relay and start capacitor are installed, start thermistor 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 valves have been opened.
12. Do not rapid cycle compressor. Compressor must be off 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 contactor coil when DTS used and LPS, HTS, CTD not used.

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

340085-101 REV. A

