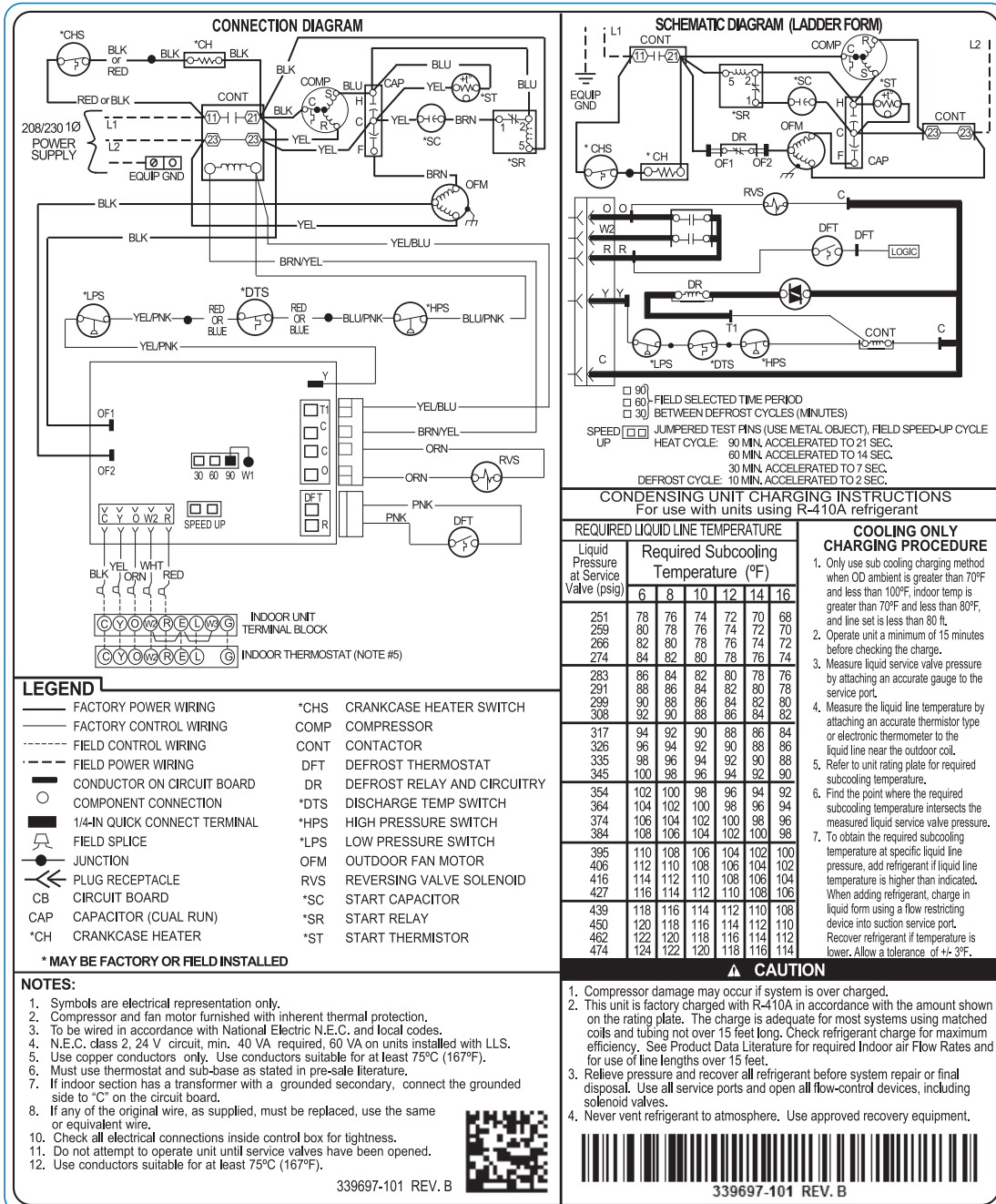


25HBC5
Comfort™ 15 Heat Pump
with Puron® Refrigerant
1-1/2 to 5 Nominal Tons



Wiring Diagrams



LEGEND

— FACTORY POWER WIRING	*CHS CRANKCASE HEATER SWITCH
— FACTORY CONTROL WIRING	COMP COMPRESSOR
----- FIELD CONTROL WIRING	CONT CONTACTOR
--- FIELD POWER WIRING	DFT DEFROST THERMOSTAT
○ CONDUCTOR ON CIRCUIT BOARD	DR DEFROST RELAY AND CIRCUITRY
○ COMPONENT CONNECTION	*DTS DISCHARGE TEMP SWITCH
■ 1/4-IN QUICK CONNECT TERMINAL	*HPS HIGH PRESSURE SWITCH
● FIELD SPICE	*LPS LOW PRESSURE SWITCH
⋈ JUNCTION	OFM OUTDOOR FAN MOTOR
⊃ PLUG RECEPTACLE	RVS REVERSING VALVE SOLENOID
CB CIRCUIT BOARD	*SC START CAPACITOR
CAP CAPACITOR (CUAL RUN)	*SR START RELAY
*CH CRANKCASE HEATER	*ST START THERMISTOR

* MAY BE FACTORY OR FIELD INSTALLED

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, 24 V 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).
- Must use thermostat and sub-base as stated in pre-sale literature.
- If indoor section has a transformer with a grounded secondary, connect the grounded side to "C" on the circuit board.
- 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.
- Use conductors suitable for at least 75°C (167°F).

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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.

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Fig. 1 – Wiring Diagram — 25HBC518-60, 208/230-1

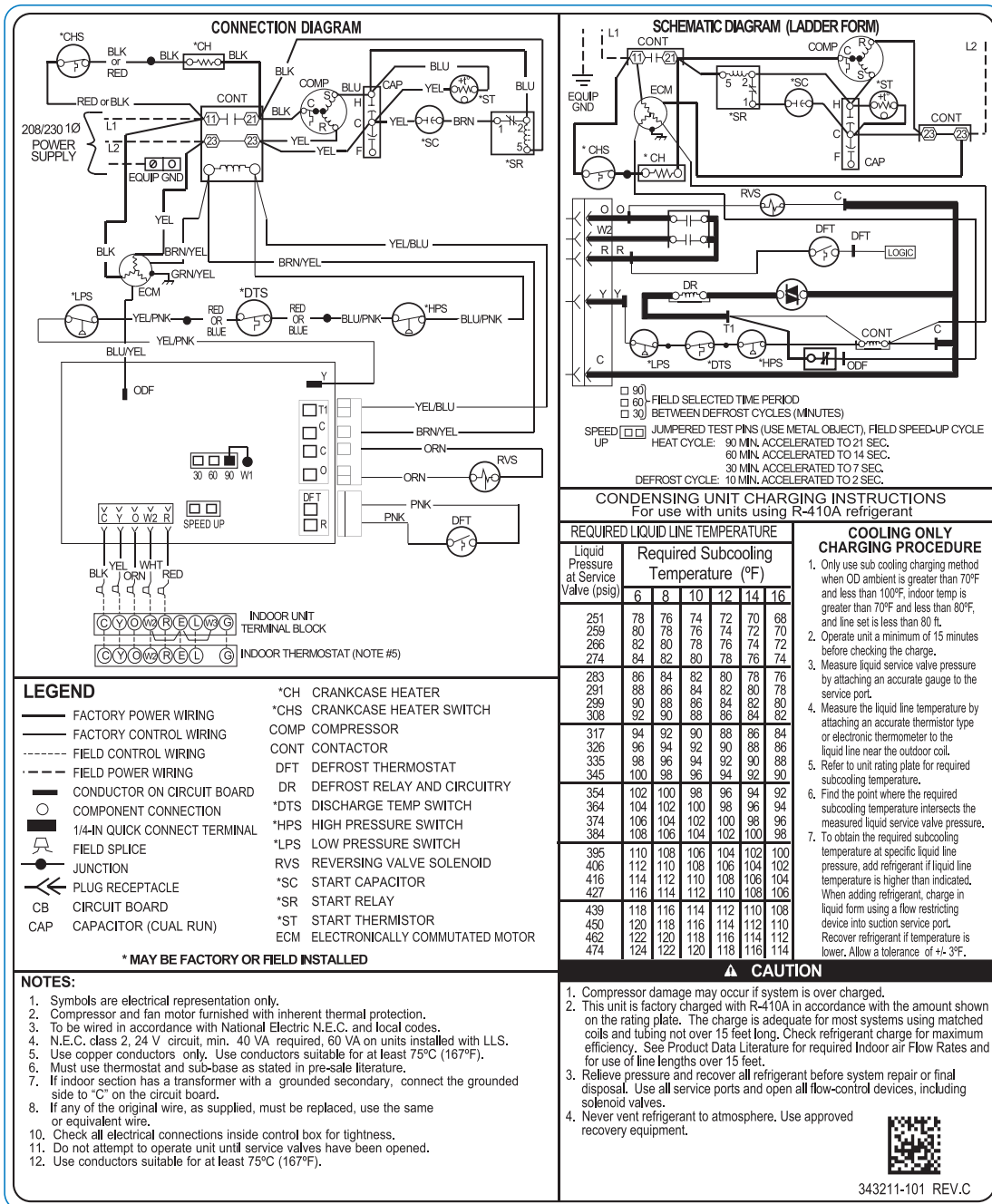


Fig. 1 – Wiring Diagram — 25HBC561, 208/230-1