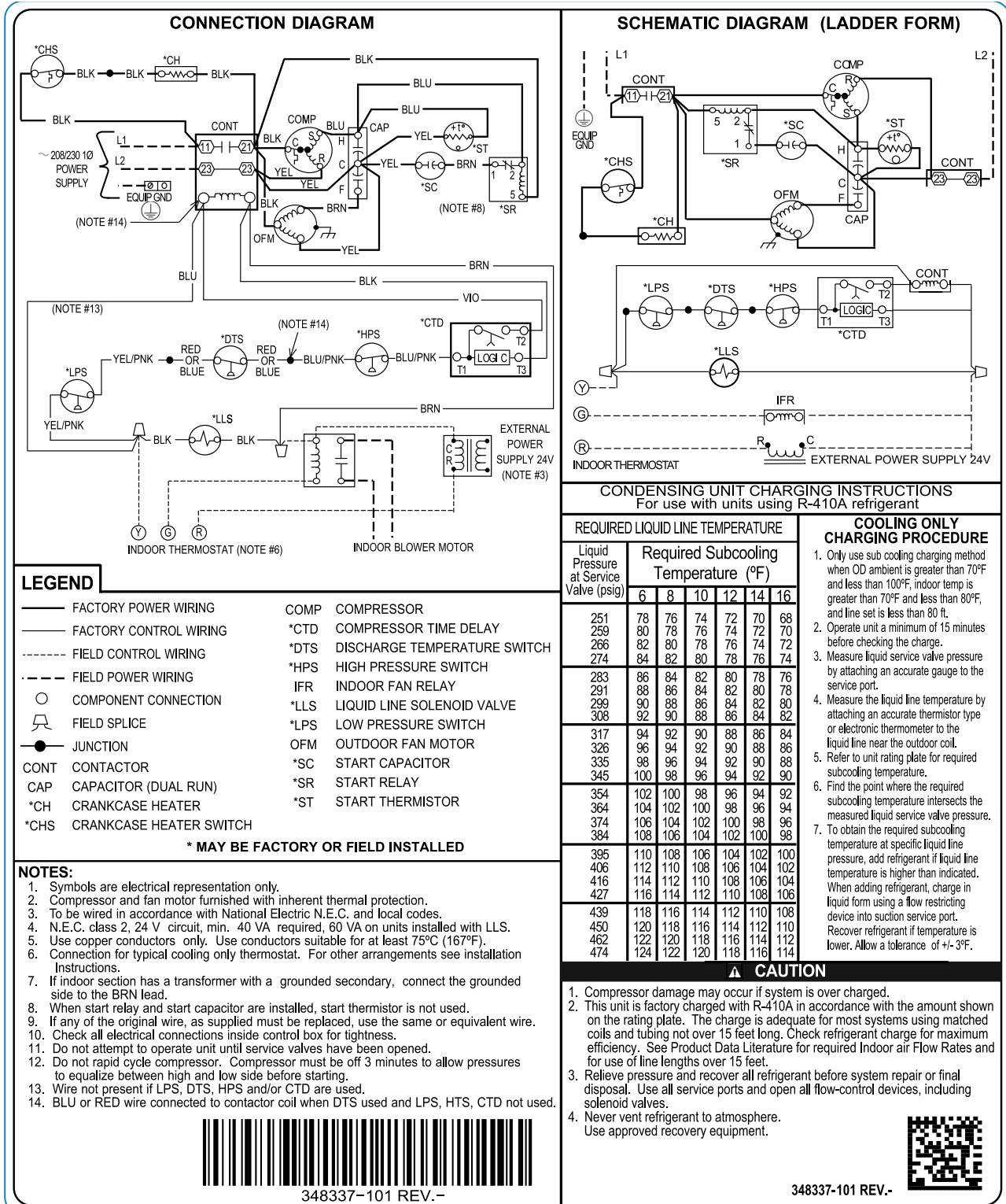


GA4S, GA5S SPLIT-SYSTEM AIR CONDITIONERS WITH R-410A REFRIGERANT

Wiring Diagrams



LEGEND

—	FACTORY POWER WIRING	COMP	COMPRESSOR
—	FACTORY CONTROL WIRING	*CTD	COMPRESSOR TIME DELAY
---	FIELD CONTROL WIRING	*DTS	DISCHARGE TEMPERATURE SWITCH
---	FIELD POWER WIRING	*HPS	HIGH PRESSURE SWITCH
○	COMPONENT CONNECTION	IFR	INDOOR FAN RELAY
⊕	FIELD SPLICE	*LLS	LIQUID LINE SOLENOID VALVE
●	JUNCTION	*LPS	LOW PRESSURE SWITCH
CONT	CONTACTOR	OFM	OUTDOOR FAN MOTOR
CAP	CAPACITOR (DUAL RUN)	*SC	START CAPACITOR
*CH	CRANKCASE HEATER	*SR	START RELAY
*CHS	CRANKCASE HEATER SWITCH	*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).
- 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 lead.
- When start relay and start capacitor are installed, start thermistor is not used.
- 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.
- Wire not present if LPS, DTS, HPS and/or CTD are used.
- BLU or RED wire connected to contactor coil when DTS used and LPS, HTS, CTD not used.



348337-101 REV.-

348337-101 REV.-



Fig. 1 – Sizes 18 - 60

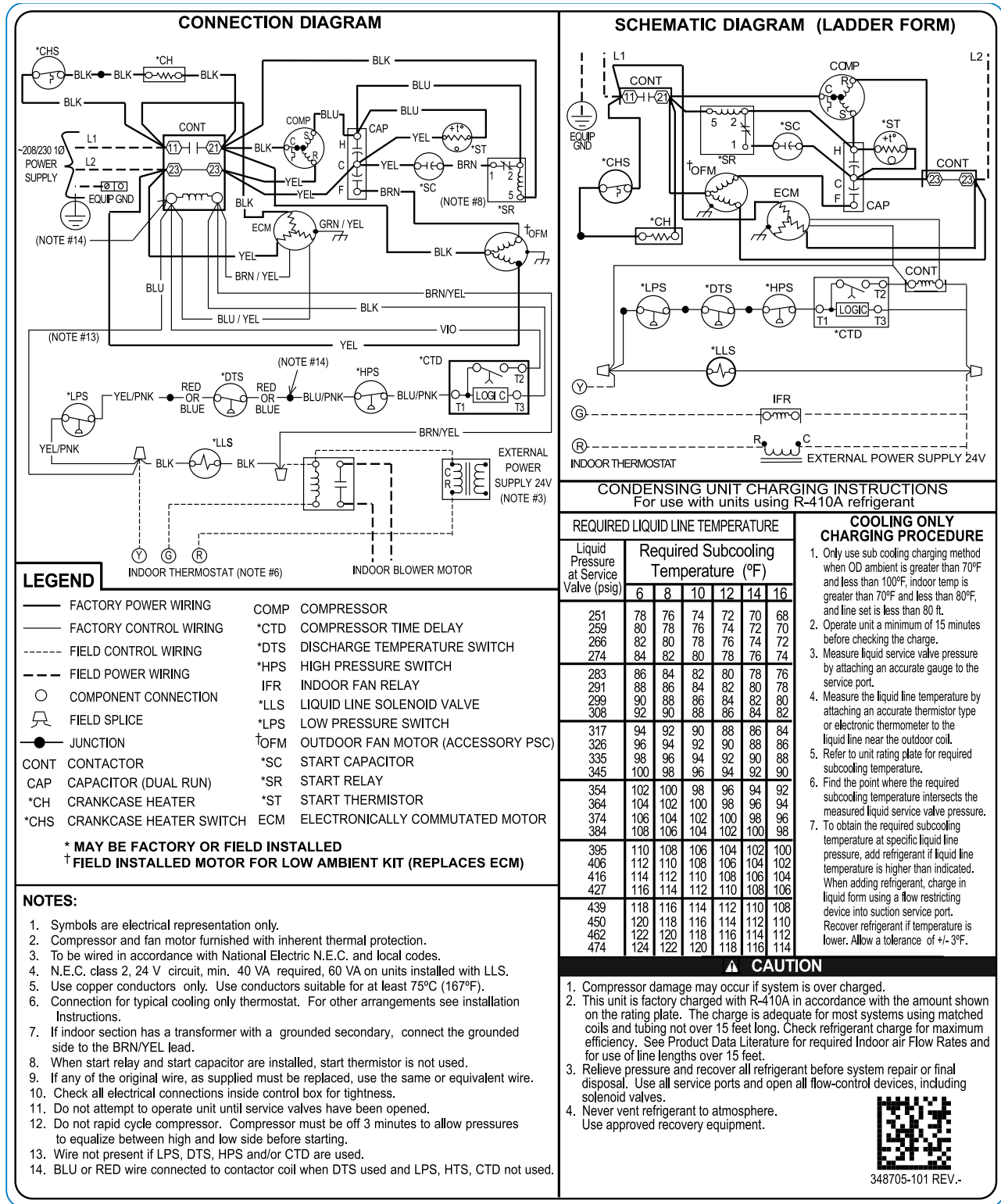


Fig. 2 – Sizes 49, 61