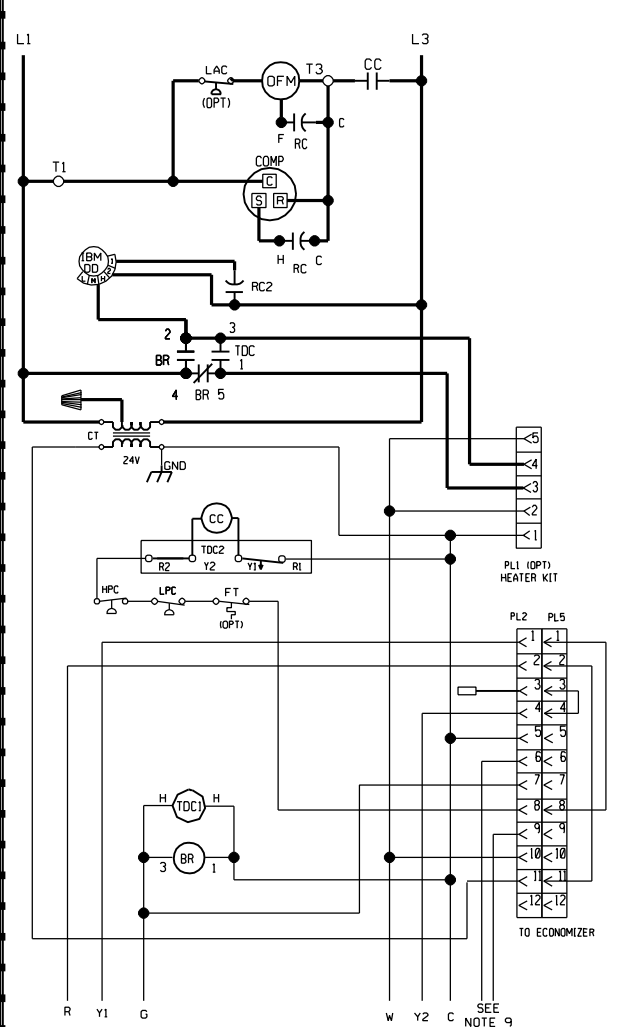
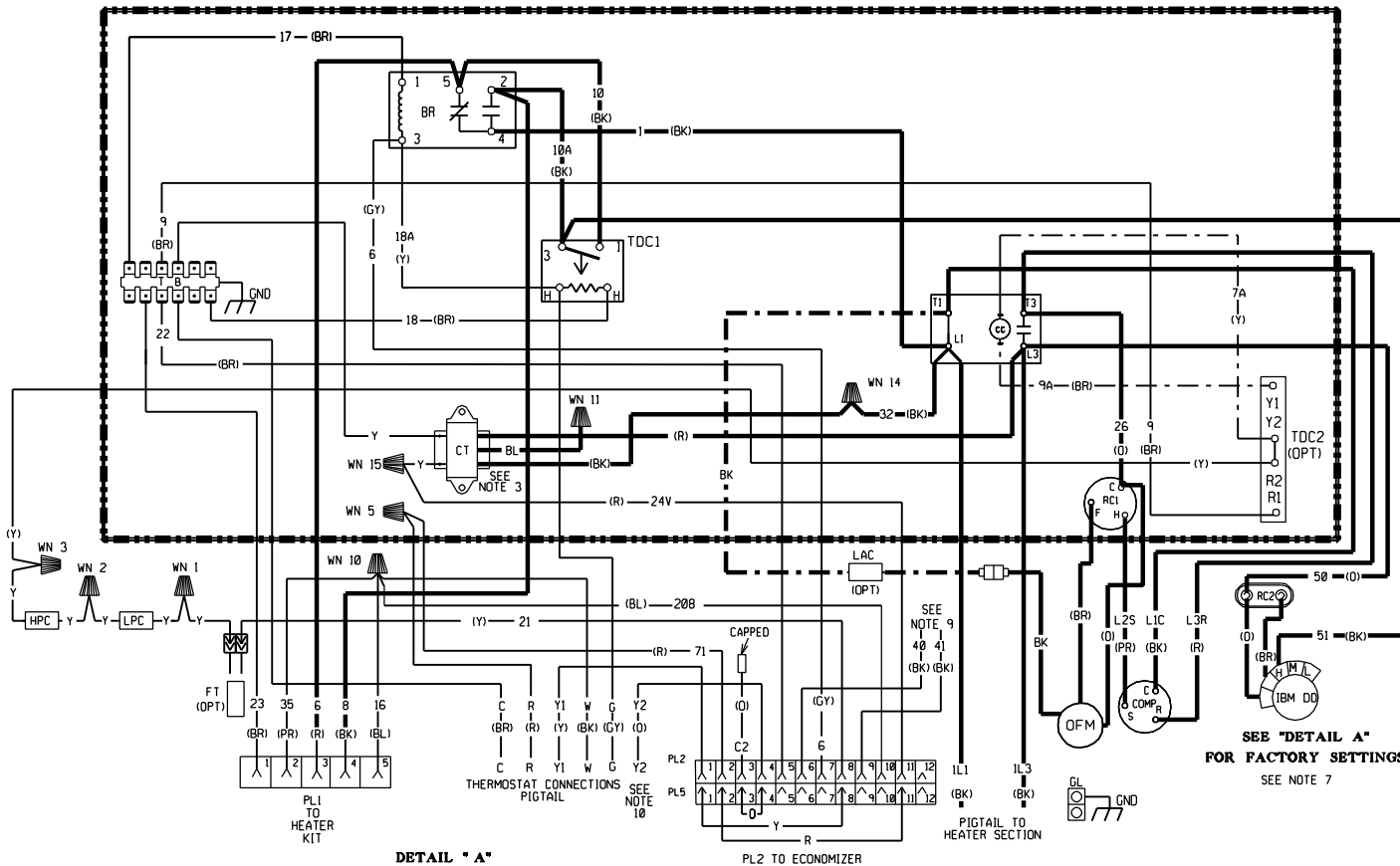


WIRING DIAGRAM

WIRING SCHEMATIC



DETAIL "A"

**BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY (LOW SPEED SHOWN)**

MODEL	FACTORY SET BLOWER SPEED
3 TON	LOW
3.5 TON	MED.
4 TON	MED.
5 TON	MED.

SEE "DETAIL A" FOR FACTORY SETTINGS. SEE NOTE 7

COMPONENT CODE

- BR BLOWER RELAY
- CC COMPRESSOR CONTACTOR
- COMP COMPRESSOR
- CT CONTROL TRANSFORMER
- FT FREEZE STAT
- GL GROUND LUG
- GND GROUND
- HPC HIGH PRESSURE CONTROL
- IBMDD INDOOR BLOWER MOTOR BELT DRIVE
- IOBMD INDUCED DRAFT MOTOR DIRECT DRIVE
- LAC LOW AMBIENT COOLING CONTROL
- LPC LOW PRESSURE CONTROL
- OFM OUTDOOR FAN MOTOR
- PL PLUG
- RC RUN CAPACITOR
- TB TERMINAL BLOCK (LOW VOLTAGE)
- TDC TIME DELAY CONTROL
- WN WIRE NUT

NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS: RED-COM, BLUE-208V., BLACK-230V.. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON 'J' & 'C' MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V.50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WIRES FROM PL2 (6 & 9) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

WIRING INFORMATION

- LINE VOLTAGE
- FACTORY STANDARD
  - FACTORY OPTION
  - FIELD INSTALLED
- LOW VOLTAGE
- FACTORY STANDARD
  - FACTORY OPTION
  - FIELD INSTALLED
- REPLACEMENT WIRE
- MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C.M.I.N.)
- WARNING
- CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

WIRE COLOR CODE

- BK\_\_BLACK
- BR\_\_BROWN
- BL\_\_BLUE
- G\_\_GREEN
- GY\_\_GRAY
- O\_\_ORANGE
- PR\_\_PURPLE
- R\_\_RED
- W\_\_WHITE
- Y\_\_YELLOW

ELECTRICAL WIRING DIAGRAM  
208 / 230, 1 PHASE  
DIRECT DRIVE  
PACKAGE AIR CONDITIONER