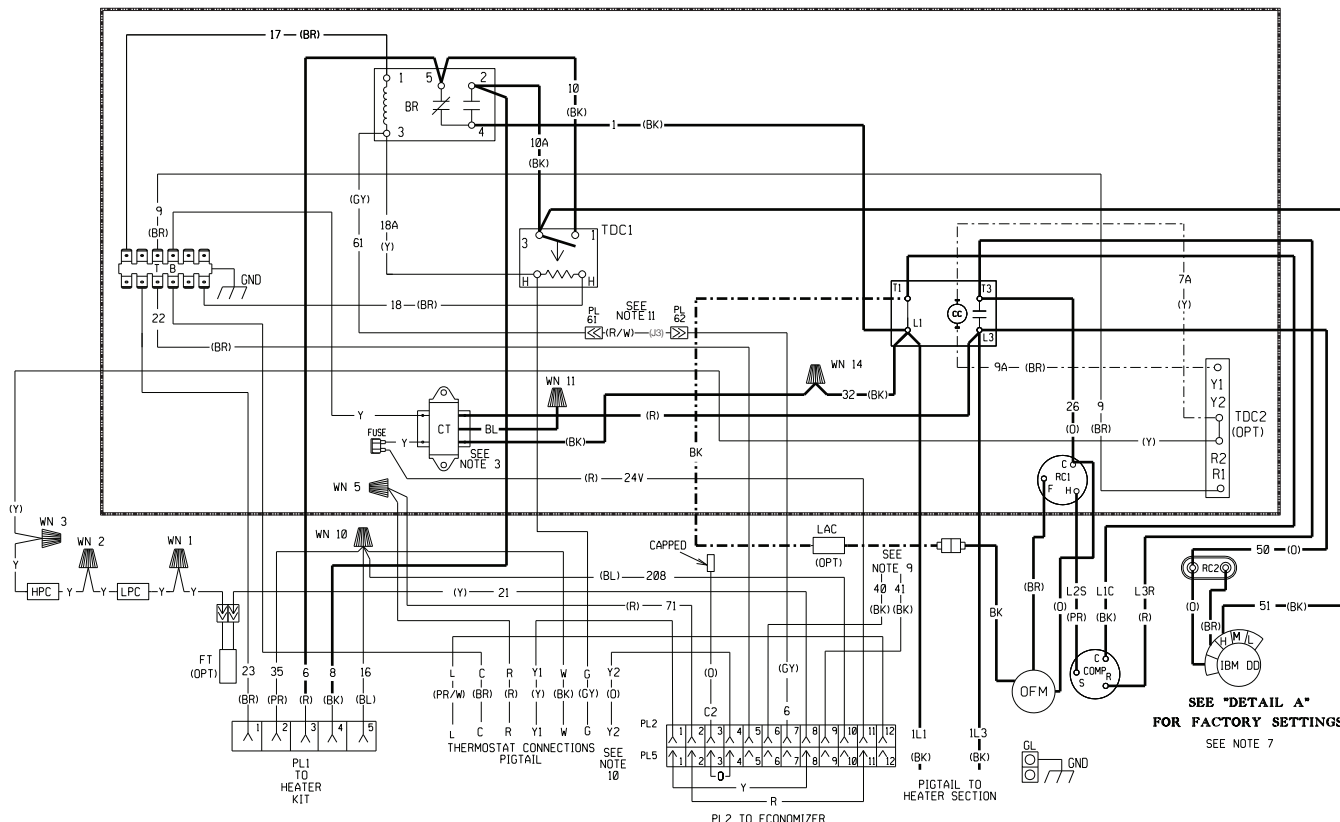


WIRING DIAGRAM

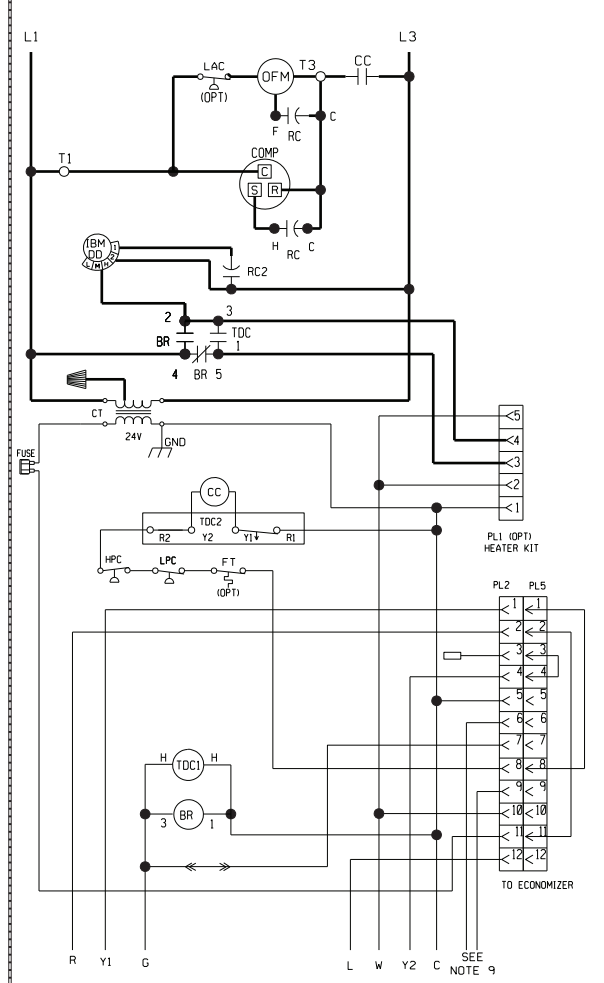


DETAIL "A"

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.

WIRING SCHEMATIC



WIRING INFORMATION

LINE VOLTAGE  
 -FACTORY STANDARD \_\_\_\_\_  
 -FACTORY OPTION - - - - -  
 -FIELD INSTALLED - - - - -

LOW VOLTAGE  
 -FACTORY STANDARD - - - - -  
 -FIELD INSTALLED - - - - -

REPLACEMENT WIRE  
 -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C. MIN.)

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.

NOTES

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

COMPONENT CODES

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

WIRE COLOR CODE

- |              |              |               |
|--------------|--------------|---------------|
| BR.....BLACK | G.....GREEN  | PR.....PURPLE |
| BR.....BROWN | GY.....GRAY  | R.....RED     |
| BL.....BLUE  | O.....ORANGE | W.....WHITE   |
|              |              | Y.....YELLOW  |

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

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: MGR	DATE: 2-11-13	R-1058S005
PART NO.: 90-23597-29		REV: 03