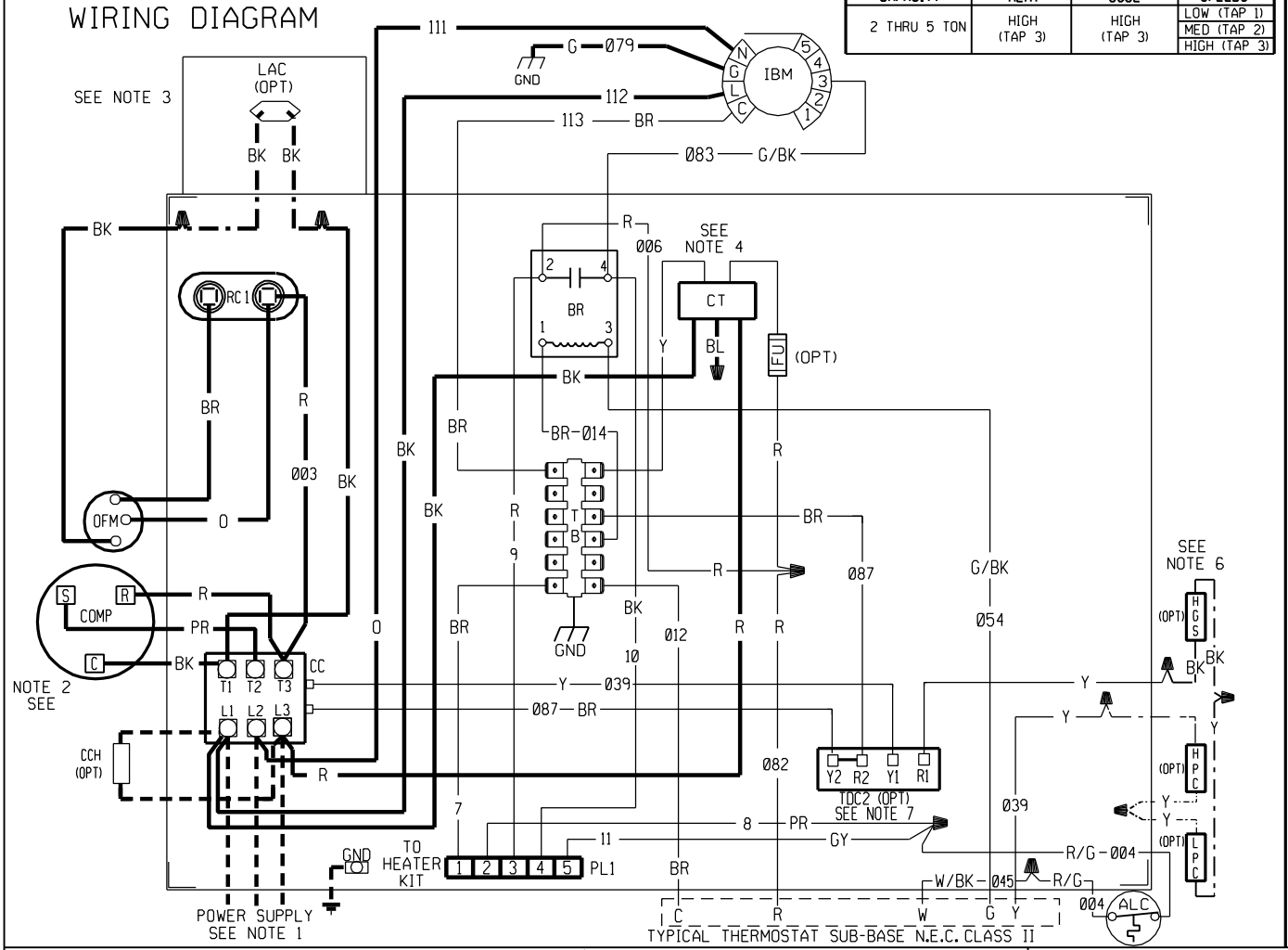
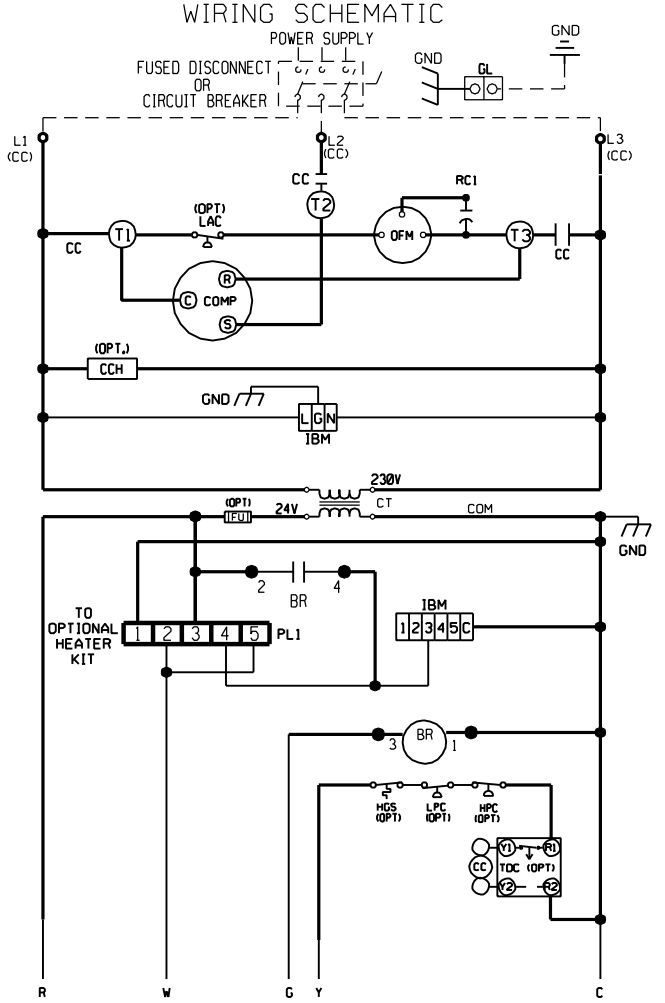
| NOMINAL COOLING CAPACITY | MOTOR SPEED FROM FACTORY | | AVAILABLE SPEEDS |
|---|---|---|---|
| | HEAT | COOL | |
| 2 THRU 5 TON | HIGH (TAP 3) | HIGH (TAP 3) | LOW (TAP 1) |
| | | | MED (TAP 2) |
| | | | HIGH (TAP 3) |

# WIRING DIAGRAM




# WIRING SCHEMATIC




## COMPONENT CODE

| | | | |
|---|---|---|---|
| ALC | AUX. LIMIT CONTROL | LAC | LOW AMBIENT COOLING CONTROL |
| BR | BLOWER RELAY | LPC | LOW PRESSURE CONTROL |
| CC | COMPRESSOR CONTACTOR | OFM | OUTDOOR FAN MOTOR |
| CCH | CRANKCASE HEATER | OPT | OPTIONAL |
| COMP | COMPRESSOR | PL | PLUG |
| CT | CONTROL TRANSFORMER | RC | RUN CAPACITOR |
| FU | FUSE | TB | TERMINAL BLOCK |
| GND | GROUND | TDC | TIME DELAY CONTROL |
| HGS | HOT GAS SENSOR | | WIRE NUT |
| HPC | HIGH PRESSURE CONTROL | | |
| IBM | INDOOR BLOWER MOTOR | | |

## NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED.
3. IF LAC IS NOT USED, CONNECT BLACK WIRE FROM OFM TO WIRE NUT FROM CC
4. TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
5. SEE FUSE LABEL ON CONTROL BOX COVER FOR FUSE SIZING AND CLASSIFICATION.
6. HGS LOCATED IN TOP OF COPELAND ZR**K1 COMPRESSORS ONLY.
7. BROWN AND YELLOW WIRES ARE CONTINUOUS IF OPTIONAL TDC2 IS NOT PRESENT.

## 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.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.

## WIRE COLOR CODE

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

# ELECTRICAL WIRING DIAGRAM
## 3.0-5.0 TON SINGLE STAGE PACKAGE AIR CONDITIONER W/X-13 BLOWER MOTOR
3 PH, 208/230 VOLT

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| JRJ | | 9-26-05 | 90-23637-12 | 06 |