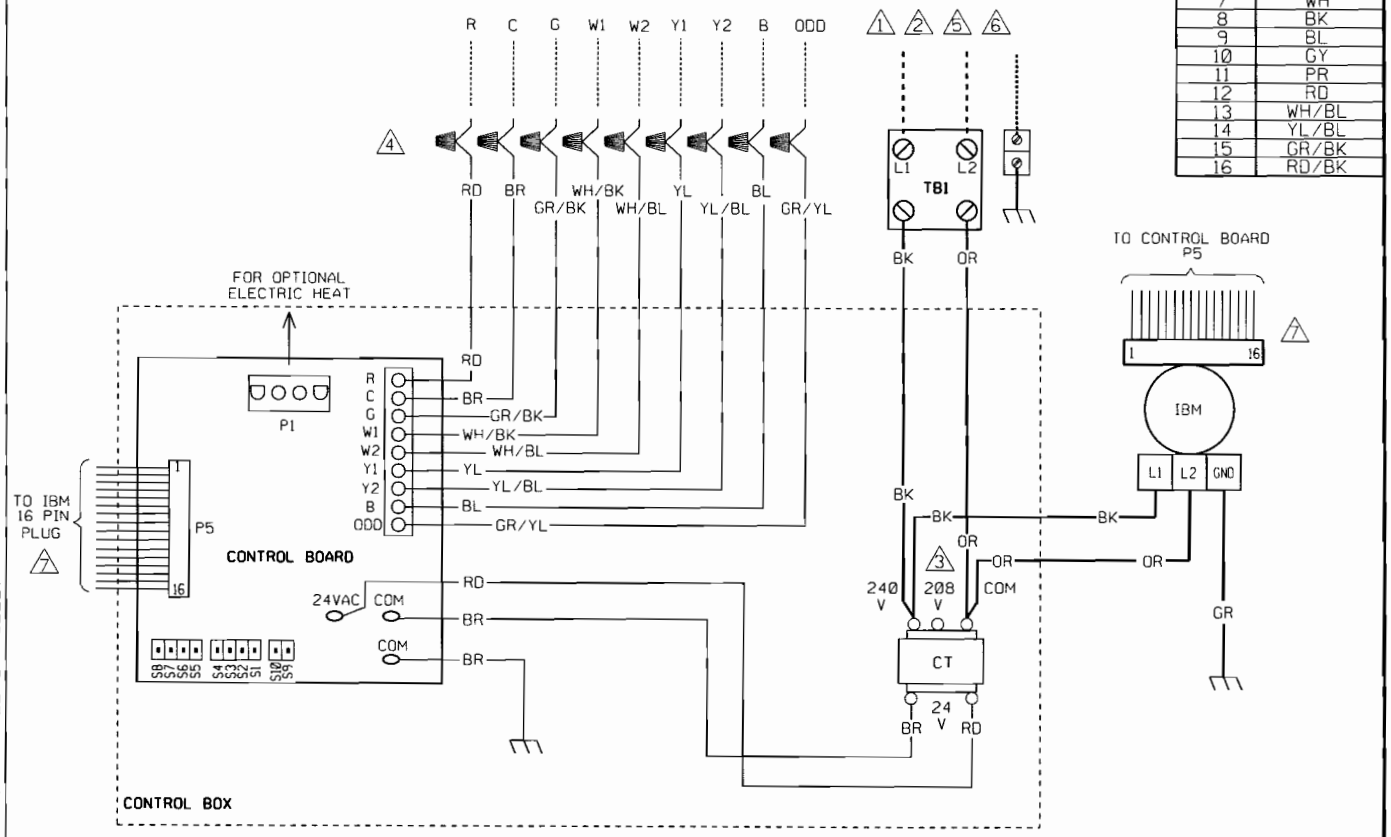
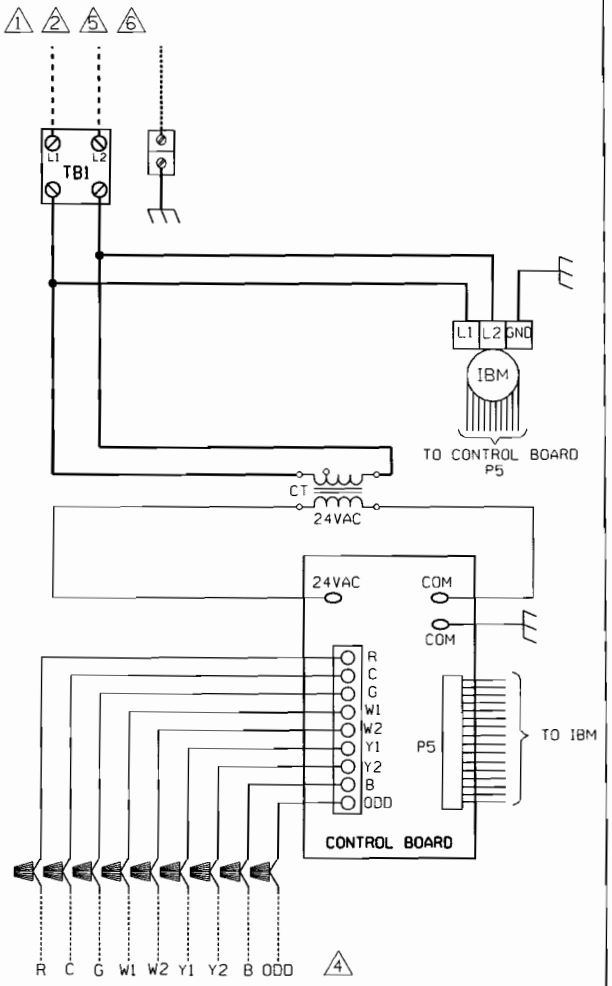
## WIRING DIAGRAM




| 16 PIN CONNECTOR | |
|---|---|
| PIN NO. | WIRE COLOR |
| 1 | BR |
| 2 | WH/BK |
| 3 | BR/WH |
| 4 | WH/RD |
| 5 | WH/YL |
| 6 | YL |
| 7 | WH |
| 8 | BK |
| 9 | BL |
| 10 | GY |
| 11 | PR |
| 12 | RD |
| 13 | WH/BL |
| 14 | YL/BL |
| 15 | GR/BK |
| 16 | RD/BK |

## SCHEMATIC DIAGRAM




## COMPONENT CODE

| | |
|---|---|
| CT | CONTROL TRANSFORMER |
| GND | GROUND |
| IBM | INDOOR BLOWER MOTOR |
| TB | TERMINAL BLOCK (HI VOLT) |
| ■ | WIRE NUT |

## NOTES:

1. CONNECT SUPPLY WIRING FOR VOLTAGE, PHASE AND HERTZ SHOWN ON RATING PLATE.
2. SUPPLY WIRE MUST BE RATED AT 75° C MIN. SEE INSTRUCTIONS FOR SIZE.
3. CT FACTORY WIRED FOR 240 VOLTS. MOVE WIRES FROM 240V TO 208V FOR 208V OPERATION.
4. CONTROL WIRING TO THERMOSTAT.
5. FOR USE WITH COPPER CONDUCTORS ONLY.
6. WHEN HEATER KIT IS INSTALLED, POWER IS APPLIED TO HEATER KIT DISCONNECT OR TERMINAL BLOCK. WIRES ARE PROVIDED IN HEATER KIT TO CONNECT TO TB1. WITHOUT ELECTRIC HEAT, FIELD POWER WIRES ARE ATTACHED TO TB1.
7. SEE CHART FOR WIRE COLORS.

## 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. AND LOCAL CODES AS APPLICABLE.

## WIRE COLOR CODE

| | | | |
|---|---|---|---|
| BK | BLACK | OR | ORANGE |
| BR | BROWN | PR | PURPLE |
| BL | BLUE | RD | RED |
| GR | GREEN | WH | WHITE |
| GY | GRAY | YL | YELLOW |

# ELECTRICAL WIRING DIAGRAM

ELECTRIC AIR HANDLER

ECM MOTOR

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MGR | | 6-18-05 | 90-101898-01 | 02 |

DWG. NO. 90-101898-01 REV 02

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