FIGURE 4 - SINGLE PHASE WIRING DIAGRAM

COMPONENT CODE

CC  COMPRESSOR CONTROLLER
CH  CRANKCASE HEATER
CR  CRANKCASE HEATER CONTROL
CM  COMPRESSOR
ND  GROUND CHASSIS
HT  HOT GAS SENSOR
HC  HIGH PRESS CURT-CUT CONTROL
LA  LOW AMBIENT COOLING CONTROL
LP  LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
OM COMPRESSOR RUN CAPACITOR
RE RESISTOR
SR START RELAY
TB TERMINAL BLOCK
TD Time Delay Control

NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR METER THERMALLY PROTECTED AND ALL 3 PHASE ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONNECT FIELD WIRING IN GROUNDED MOUNTING CONDUIT TO 60 HERTZ FUSE DISCONNECT, VOLTAGE AND PHASE PER RATING PLATE.
4. LOW VOLTAGE CIRCUIT TO BE N.E.C., CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLTS DC HERTZ.
5. TO THERMOSTAT SUB-BASE, REFER TO SYSTEM SCHEMATICS OR SCHEMATICS ON INDOOR SECTION FOR LOW VOLTAGE CONTROL WIRING.
6. BLACK WIRE FROM SR IS TO CC (IT) DELETED WHEN P.I.E. IS USED.

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 (CEC & MDJ)
- CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C. (C.E.C.-CANADA) AND LOCAL CODES.

WIRE COLOR CODE

BK  BLACK
BR  BROWN
PR  PURPLE
BL  BLUE
RD  RED
GR  GREEN
WC  WHITE
GY  GRAY
YL  YELLOW

ELECTRICAL WIRING DIAGRAM
REMOTE AIR CONDITIONER
SINGLE PHASE