COMP

SEE NOTE 6

PLF-P
RVC
LPS
HPS
DFT
CM

PLM-P

DC
CCR
LVDR
HVDR

CNT

TR
24V
SEE NOTE 3

SEE NOTES 7 AND 8
SEE NOTE 1
208/230/1/60
GND

SEE NOTE 4
RCCF
SA

LVJB
LVTB
PLF-C

THERMOSTAT
SEE NOTE 5
R
O
Y
C
W1
G
W2

CONTROL BOX

PLM-B
SEE NOTE 2
PLF-H

FACTORY WIRING
LINE VOLTAGE
LOW VOLTAGE
OPTIONAL HIGH VOLTAGE

FIELD WIRING
HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE
BL   BLUE
BK   BLACK
BR   BROWN
GR   GREEN
OR   ORANGE
PU   PURPLE
RD   RED
WH   WHITE
YL   YELLOW

COMPONENT LEGEND
C   CONTACTOR
CCR   COMPRESSOR CONTACTOR RELAY
CH   CRANKCASE HEATER
CHS   CRANKCASE HEATER SWITCH
CM   CONDENSER MOTOR
COMP   COMPRESSOR
DC   DEFROST CONTROL
DFT   DEFROST THERMOSTAT
EM   EVAPORATOR MOTOR
GND   EQUIPMENT GROUND
HPS   HIGH PRESSURE SWITCH
HVDR   HIGH VOLTAGE DEFROST RELAY
LPS   LOW PRESSURE SWITCH
LVDR   LOW VOLTAGE DEFROST RELAY
LVJB   LOW VOLTAGE JUNCTION BOX
LVTB   LOW VOLTAGE TERMINAL BLOCK
PLF-C   FEMALE PLUG/CONNECTOR - CONTROL
PLF-H   FEMALE PLUG/CONNECTOR - HEAT KIT
PLF-P   FEMALE PLUG/CONNECTOR - PESSURE SWITCH
PLM-B   MALE PLUG/CONNECTOR - BLOWER
PLM-P   MALE PLUG/CONNECTOR - PRESSURE SWITCH
RVC   REVERSING VALVE COIL
RCCF   RUN CAPACITOR FOR COMPRESSOR AND FAN
SA   START ASSIST
TR   TRANSFORMER

NOTES:
1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED MOVE YELLOW AND WHITE LEADS FROM EM"2" AND "3" TO "4" AND "5". IF BOTH LEADS ARE ENERGIZED, THE HIGHER SPEED SETTING IS USED.
3. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
4. START ASSIST FACTORY EQUIPPED WHEN REQUIRED.
5. USE N.E.C. CLASS 2 WIRE. USE COPPER CONDUCTORS ONLY.
6. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
7. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.
8. COMMON SIDE OF CONTACTOR CAN NOT BE GROUNDED OR CONNECTED TO ANY OTHER COMMON (24V).

SEE UNIT RATING PLATE FOR TYPE AND SIZE
OF OVER CURRENT PROTECTION

208-230/1/60 0140G03220-C

L1   SUPPLY VOLTAGE
208-230/1/60
SEE NOTE 1   L2
2 POLE ONLY
SEE NOTE 7
SEE NOTE 4
SEE NOTE 6
SEE NOTE 2
HVDR
CH
CHS
208-230
TR
24V
SEE NOTE 3
SEE NOTE 2
THERMOSTAT
SEE NOTE 5