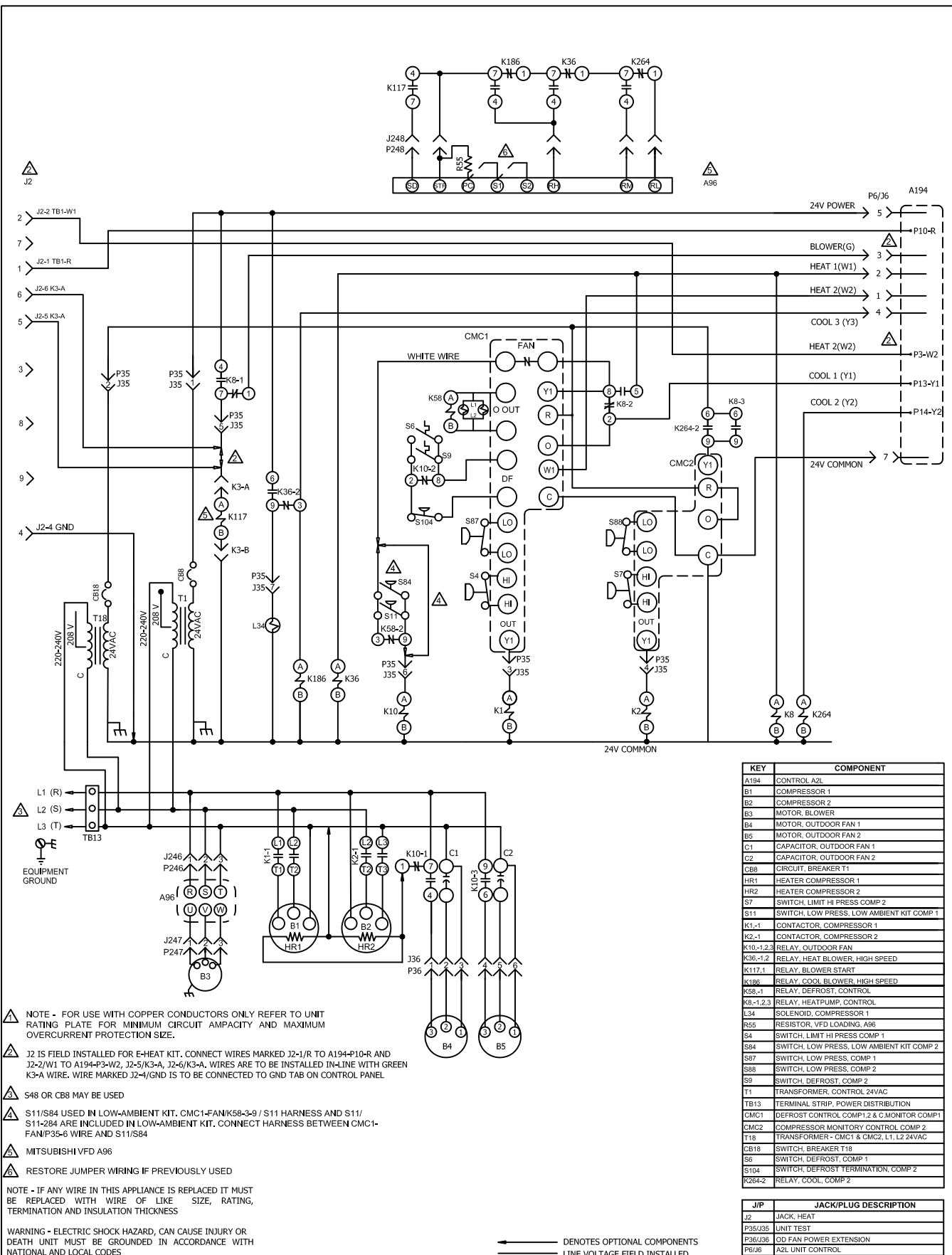




NOTE - FOR USE WITH COPPER CONDUCTORS ONLY REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.

J2 IS FIELD INSTALLED FOR E-HEAT KIT. CONNECT WIRES MARKED J2-1/R TO A194-P10-R AND J2-2/W1 TO A194-P3-W2, J2-5/K3-A, J2-6/K3-A. WIRES ARE TO BE INSTALLED IN-LINE WITH GREEN K3-A WIRE. WIRE MARKED J2-4/GND IS TO BE CONNECTED TO GND TAB ON CONTROL PANEL.

S48 OR CB8 MAY BE USED

S11/S84 USED IN LOW-AMBIENT KIT. CMC1-FAN/K58-3-9 / S11 HARNESS AND S11/ S11-284 ARE INCLUDED IN LOW-AMBIENT KIT. CONNECT HARNESS BETWEEN CMC1-FAN/P35-6 WIRE AND S11/S84

MITSUBISHI VFD A96

RESTORE JUMPER WIRING IF PREVIOUSLY USED

NOTE - IF ANY WIRE IN THIS APPLIANCE IS REPLACED IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING, TERMINATION AND INSULATION THICKNESS

WARNING - ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES

DISCONNECT ALL POWER BEFORE SERVICING.

← DENOTES OPTIONAL COMPONENTS  
— LINE VOLTAGE FIELD INSTALLED

| KEY       | COMPONENT                                  |
|-----------|--------------------------------------------|
| A194      | CONTROL AZL                                |
| B1        | COMPRESSOR 1                               |
| B2        | COMPRESSOR 2                               |
| B3        | MOTOR, BLOWER                              |
| B4        | MOTOR, OUTDOOR FAN 1                       |
| B5        | MOTOR, OUTDOOR FAN 2                       |
| C1        | CAPACITOR, OUTDOOR FAN 1                   |
| C2        | CAPACITOR, OUTDOOR FAN 2                   |
| CB8       | CIRCUIT BREAKER T18                        |
| HR1       | HEATER COMPRESSOR 1                        |
| HR2       | HEATER COMPRESSOR 2                        |
| S7        | SWITCH, LIMIT HI PRESS COMP 2              |
| S11       | SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 1  |
| K1-1      | CONTACTOR, COMPRESSOR 1                    |
| K2-1      | CONTACTOR, COMPRESSOR 2                    |
| K10-1,2,3 | RELAY, OUTDOOR FAN                         |
| K36-1,2   | RELAY, HEAT BLOWER, HIGH SPEED             |
| K117,1    | RELAY, BLOWER START                        |
| K186      | RELAY, COOL BLOWER, HIGH SPEED             |
| K58-1     | RELAY, DEFROST, CONTROL                    |
| K8-1,2,3  | RELAY, HEATPUMP, CONTROL                   |
| L34       | SOLENOID, COMPRESSOR 1                     |
| R55       | RESISTOR, VFD LOADING, A96                 |
| S4        | SWITCH, LIMIT HI PRESS COMP 1              |
| S84       | SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 2  |
| S87       | SWITCH, LOW PRESS, COMP 1                  |
| S88       | SWITCH, LOW PRESS, COMP 2                  |
| S9        | SWITCH, DEFROST, COMP 2                    |
| T1        | TRANSFORMER, CONTROL 24VAC                 |
| TB13      | TERMINAL STRIP, POWER DISTRIBUTION         |
| CMC1      | DEFROST CONTROL COMP1, 2 & C MONITOR COMP1 |
| CMC2      | COMPRESSOR MONITOR CONTROL COMP 2          |
| T18       | TRANSFORMER - CMC1 & CMC2, L1, L2 24VAC    |
| CB18      | SWITCH, BREAKER T18                        |
| S6        | SWITCH, DEFROST, COMP 1                    |
| S104      | SWITCH, DEFROST TERMINATION, COMP 2        |
| K264-2    | RELAY, COOL, COMP 2                        |

| J/P     | JACK/PLUG DESCRIPTION  |
|---------|------------------------|
| J2      | JACK, HEAT             |
| P35/U35 | UNIT TEST              |
| P36/U36 | OD FAN POWER EXTENSION |
| P6/U6   | AZL UNIT CONTROL       |

2025/04

WIRING DIAGRAM

04/25

538557-01

HEATPUMP-MSAV-VFD

ZHD-120

SECTION B

Supersedes

REV 1

New Form No.

538557-01