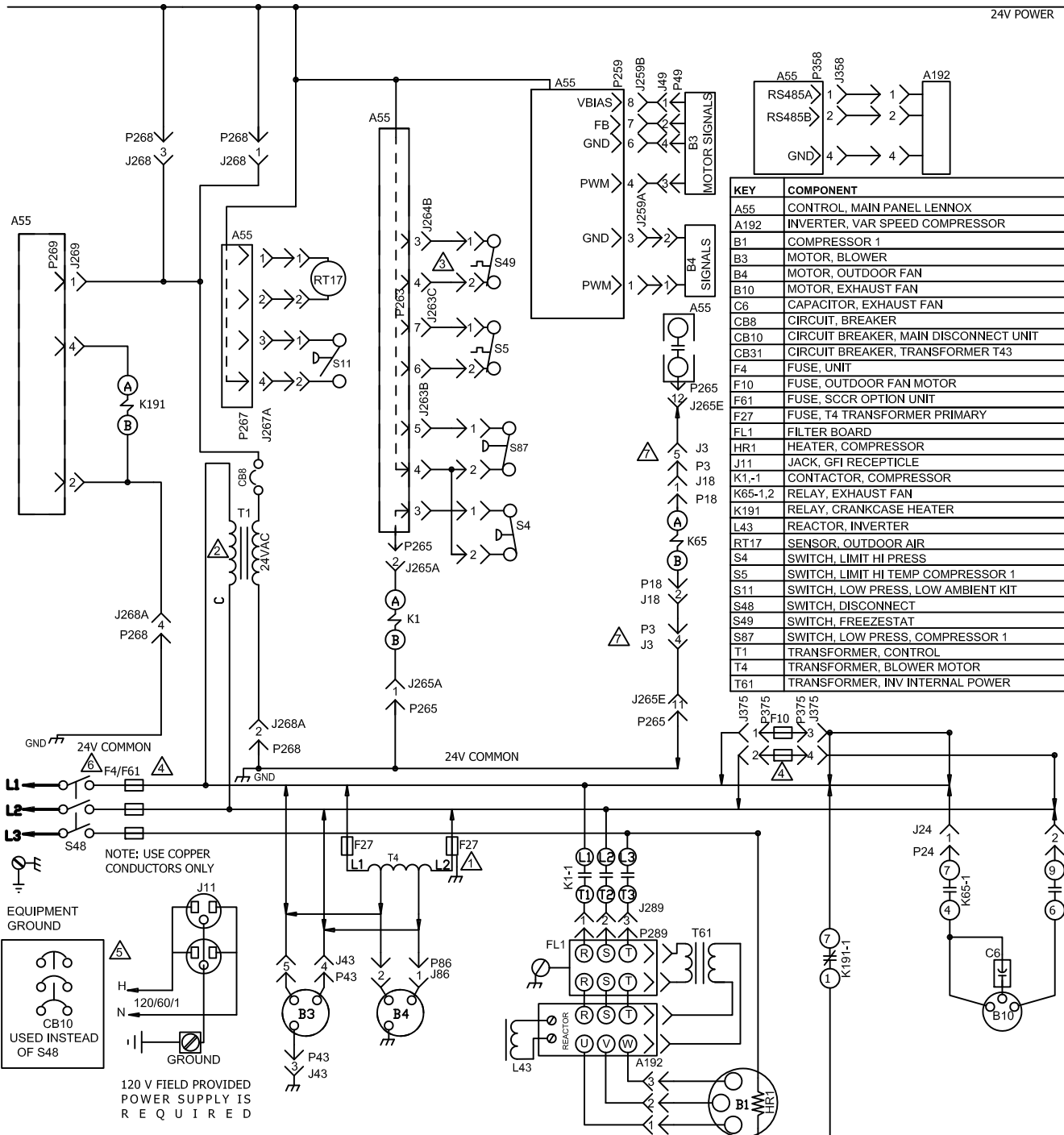


24V POWER



KEY	COMPONENT
A55	CONTROL, MAIN PANEL LENNOX
A192	INVERTER, VAR SPEED COMPRESSOR
B1	COMPRESSOR 1
B3	MOTOR, BLOWER
B4	MOTOR, OUTDOOR FAN
B10	MOTOR, EXHAUST FAN
C6	CAPACITOR, EXHAUST FAN
CB8	CIRCUIT, BREAKER
CB10	CIRCUIT BREAKER, MAIN DISCONNECT UNIT
CB31	CIRCUIT BREAKER, TRANSFORMER T43
F4	FUSE, UNIT
F10	FUSE, OUTDOOR FAN MOTOR
F61	FUSE, SCCR OPTION UNIT
F27	FUSE, T4 TRANSFORMER PRIMARY
FL1	FILTER BOARD
HR1	HEATER, COMPRESSOR
J11	JACK, GFI RECEPTICLE
K1-1	CONTACTOR, COMPRESSOR
K65-1,2	RELAY, EXHAUST FAN
K191	RELAY, CRANKCASE HEATER
L43	REACTOR, INVERTER
RT17	SENSOR, OUTDOOR AIR
S4	SWITCH, LIMIT HI PRESS
S5	SWITCH, LIMIT HI TEMP COMPRESSOR 1
S11	SWITCH, LOW PRESS, LOW AMBIENT KIT
S48	SWITCH, DISCONNECT
S49	SWITCH, FREEZESTAT
S87	SWITCH, LOW PRESS, COMPRESSOR 1
T1	TRANSFORMER, CONTROL
T4	TRANSFORMER, BLOWER MOTOR
T61	TRANSFORMER, INV INTERNAL POWER

NOTE: USE COPPER CONDUCTORS ONLY

EQUIPMENT GROUND

USED INSTEAD OF S48

120 V FIELD PROVIDED POWER SUPPLY IS REQUIRED

- ⚠ T4 AND F27 USED ONLY ON G VOLTAGE UNITS
- ⚠ MOVE WIRE FROM 240 TO 208 TAP ON T1 TRANSFORMER FOR 208 LINE VOLTAGE APPLICATIONS
- ⚠ S49 IS PART OF A 5VDC CIRCUIT
- ⚠ F61 AND F10 ONLY ON UNITS WITH SCCR OPTION
- ⚠ CB10 NOT AVAILABLE ON UNITS WITH SCCR OPTION
- ⚠ F4 USED ON LCH UNITS ONLY
- ⚠ P3/J3 OPTIONAL FOR SOME FIELD INSTALLED ECONOMIZERS, SEE INSTRUCTIONS 508079-01

J/P #	JACK/PLUG DESCRIPTION
3	ECONOMIZER BYPASS
18	EXHAUST FAN
24	EXHAUST FAN
43	BLOWER MORTOR
49	MOTOR VARIABLE SPEED
259	ECM MOTORS
263	HIGH AND LOW PRESSURE SWITCHES
264	BLOWER DECK
265	CONTACTORS AND RELAYS
267	OUTDOOR FAN AREA
268	TRANSFORMER 1 POWER
269	REHEAT
289	FILTER BOARD INTERFACE
358	MODBUS
375	F10 POWER

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.

2020/06	WIRING DIAGRAM	06/20
	537842-03	
COOLING		
ULTRA HIGH EFFICIENCY LCH/LGH - 036U,048U,060U,074U - Y,G		
SECTION B		REV 0
Supersedes 537842-02	Form No. 537842-03	

← DENOTES OPTIONAL COMPONENTS
 — LINE VOLTAGE FIELD INSTALLED