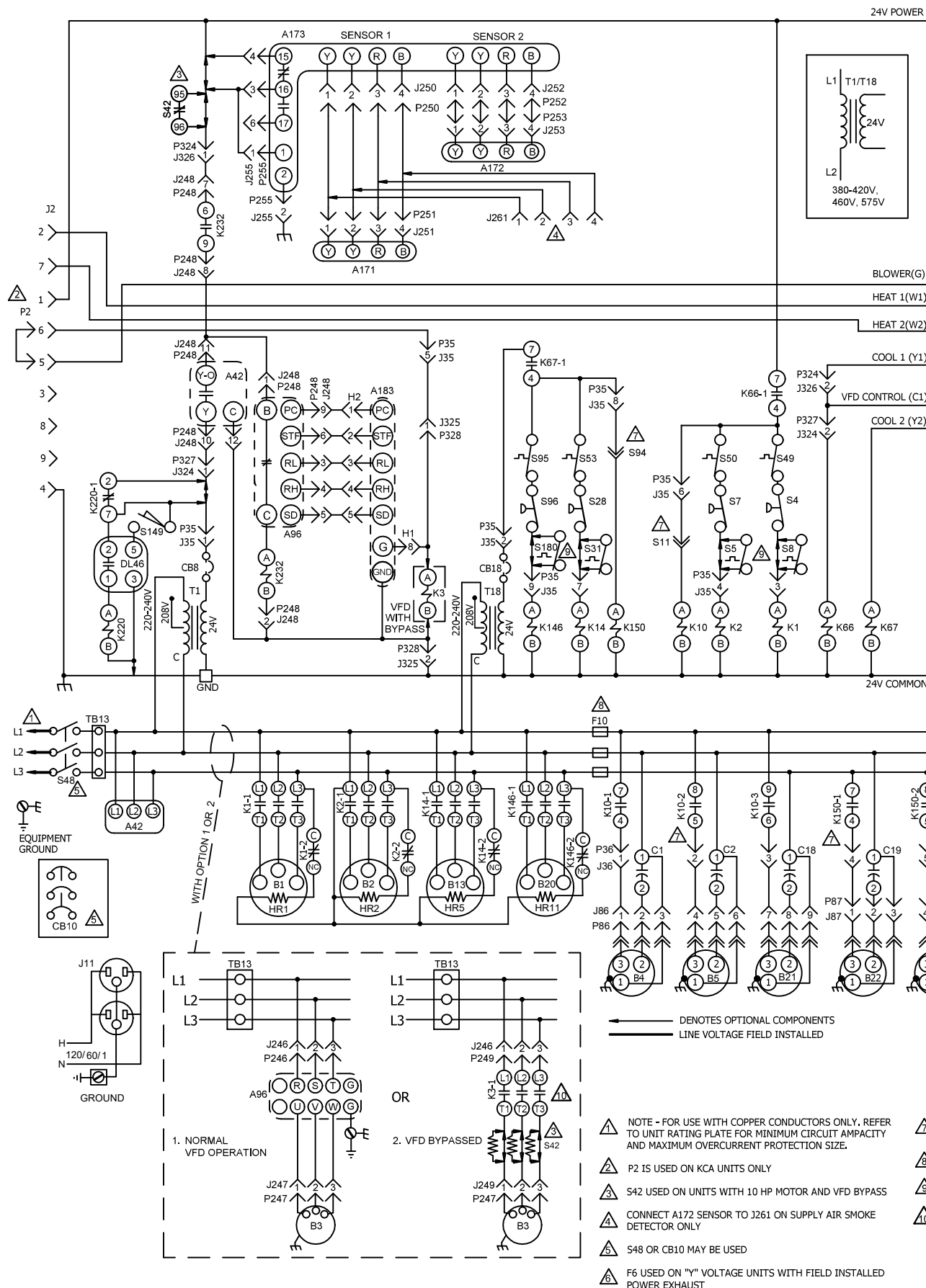




J/P	JACK/PLUG DESCRIPTION
2	HEAT
18	EXHAUST FAN COMPT
24	EXHAUST FAN
35	RUN TEST
36	RUN TEST OUTDOOR FANS
86	OUTDOOR FANS 1,2,3
87	OUTDOOR FANS 4,5,6
132	EXHAUST FAN MOTOR 1
133	EXHAUST FAN MOTOR 2
246	POWER TO VFD
247	POWER VFD TO MOTOR
248	VFD CONTROL
249	CONTACTOR BYPASS
250	SMOKE DETECTOR ONE
251	SMOKE DETECTOR ONE
252	SMOKE DETECTOR TWO
253	SMOKE DETECTOR TWO
255	MODULE, CONTROL SMOKE DETECTION
261	SMOKE DETECTOR JUMPER
324	VFD OPTION CONNECTION
325	K3 BLOWER CONTROL
326	PHASE MONITOR/ VFD CONTROL ADD ON
327	PHASE MONITOR/ VFD CONTROL ADD ON
328	VFD BLOWER CONTROL

KEY	COMPONENT
A42	MONITOR, PHASE PROTECTION
A96	CONTROL INVERTER
A171	SENSOR ONE, SMOKE, RETURN AIR
A172	SENSOR TWO, SMOKE, SUPPLY AIR
A173	MODULE, CONTROL SMOKE DETECTION
A183	CONTROL, VFD BOARD
B1	COMPRESSOR 1
B2	COMPRESSOR 2
B3	MOTOR, BLOWER
B4	MOTOR, OUTDOOR FAN 1
B5	MOTOR, OUTDOOR FAN 2
B10	MOTOR, EXHAUST FAN 1
B11	MOTOR, EXHAUST FAN 2
B13	COMPRESSOR 3
B20	COMPRESSOR 4

KEY	COMPONENT
B21	MOTOR, OUTDOOR FAN 3
B22	MOTOR, OUTDOOR FAN 4
B23	MOTOR, OUTDOOR FAN 5
B24	MOTOR, OUTDOOR FAN 6
C1	CAPACITOR, OUTDOOR FAN 1
C2	CAPACITOR, OUTDOOR FAN 2
C6	CAPACITOR, EXHAUST FAN 1
C8	CAPACITOR, EXHAUST FAN 2
C18	CAPACITOR, OUTDOOR FAN 3
C19	CAPACITOR, OUTDOOR FAN 4
C20	CAPACITOR, OUTDOOR FAN 5
C21	CAPACITOR, OUTDOOR FAN 6
CB8	CIRCUIT, BREAKER T1
CB10	CIRCUIT, BREAKER MAIN DISCONNECT
CB18	CIRCUIT, BREAKER T18
DL46	DELAY, OVERFLOW SWITCH
F6	FUSE, EXHAUST FAN
H2	HEADER 2, LVC2 BOARD
HR1	HEATER, COMPRESSOR 1
HR2	HEATER, COMPRESSOR 2
HR5	HEATER, COMPRESSOR 3
HR11	HEATER, COMPRESSOR 4
J11	JACK, GFI, RECEPTICLE
K1,-1,2	CONTACTOR, COMPRESSOR 1
K2,-1,2	CONTACTOR, COMPRESSOR 2
K3,-1	CONTACTOR, BLOWER
K10,-3	RELAY, OUTDOOR FANS 1, 2, 3
K14,-1,2	CONTACTOR, COMPRESSOR 3
K146,-1,2	CONTACTOR, COMPRESSOR 4
K65-1,2	RELAY, EXHAUST FAN 1
K66,-1	RELAY, STAGE COOL 1
K67,-1	RELAY, STAGE COOL 2
K150,-3	RELAY, OUTDOOR FANS 4, 5, 6
K220, -1	RELAY, OVERFLOW SWITCH
K232	RELAY, INVERTER PROTECTION
S4	SWITCH, LIMIT HI PRESS COMP 1
S5	SWITCH, HIGH TEMP LIMIT COMP 1
S7	SWITCH, LIMIT HI PRESS COMP 2
S8	SWITCH, HIGH TEMP LIMIT COMP 2
S11	SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 1
S28	SWITCH, LIMIT HI PRESS COMP 3
S31	SWITCH, HIGH TEMP LIMIT COMP 3
S42	SWITCH, OVERLOAD RELAY BLOWER MOTOR
S48	SWITCH, DISCONNECT
S49	SWITCH, FREEZESTAT COMP 1
S50	SWITCH, FREEZESTAT COMP 2
S53	SWITCH, FREEZESTAT COMP 3
S94	SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 4
S95	SWITCH, FREEZESTAT COMP 4
S96	SWITCH, LIMIT HI PRESS COMP 4
S149	SWITCH, OVERFLOW
S180	SWITCH, HIGH TEMP LIMIT COMP 4
T1	TRANSFORMER, CONTROL
T18	TRANSFORMER, CONTROL CONTROL
TB13	TERMINAL BLOCK, POWER DISTRIBUTION

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.

2018/07		WIRING DIAGRAM	18/07
	537608-05		
	COOLING - MSAV		
KC/KG - 240H - G,J,Y - VFD KC/KG - 300S - G,J,Y,M - VFD			
SECTION B			REV. 0
Supersedes 537608-04		Form No.	537608-05