



KEY	COMPONENT
A171	SENSOR ONE, SMOKE, RETURN AIR
A172	SENSOR TWO, SMOKE, SUPPLY AIR
A173	MODULE, CONTROL SMOKE DETECTION
B1	COMPRESSOR
B3	MOTOR, BLOWER
B4	MOTOR, OUTDOOR FAN 1
B5	MOTOR, OUTDOOR FAN 2
B10	MOTOR, EXHAUST FAN
B21	MOTOR, OUTDOOR FAN 3
C1	CAPACITOR, OUTDOOR FAN 1
C2	CAPACITOR, OUTDOOR FAN 2

C6	CAPACITOR, EXHAUST FAN
C18	CAPACITOR, OUTDOOR FAN 3
CB8	CIRCUIT, BREAKER
CMC1	TIMER, DEFROST, COMPRESSOR 1
DL46	DELAY, OVERFLOW SWITCH
HR1	HEATER COMPRESSOR 1
HR2	HEATER COMPRESSOR 2
J2	JACK, HEAT
J18	JACK, EXHAUST FAN COMPT
J24	JACK, EXHAUST FAN
J35	JACK, TEST HEAT
J36	JACK, TEST COOL
J47	PLUG, OUTDOOR FAN 1
J52	PLUG, OUTDOOR FAN 2
J86	JACK, OUTDOOR FANS 1
J132	JACK, BLOWER, EXHAUST FAN MOTOR
J150	JACK, SMOKE DETECTOR ONE
J151	JACK, SMOKE DETECTOR ONE
J152	JACK, SMOKE DETECTOR TWO
J153	JACK, SMOKE DETECTOR TWO
J255	JACK, MODULE, CONTROL SMOKE DETECTION
J306	JACK, S89 THERMOSTAT
K1,-1	CONTACTOR, COMPRESSOR 1
K2,-1	CONTACTOR, COMPRESSOR 2
K3,-1	CONTACTOR, BLOWER
K8,-1,2,3	RELAY, TRANSFER 1
K10,-1,2,3	RELY, OUTDOOR FAN 1
K58,-1,2	RELAY, LOW AMBIENT KIT
K65,-1,2	RELAY, EXHAUST FAN
K132,-1	RELY, COMPRESSOR 1 ON
K133,-1	RELY, COMPRESSOR 2 ON
K220,-1	RELAY, OVERFLOW SWITCH
L1	VALVE, REVERSING 1
L2	VALVE, REVERSING 2
P18	JACK, EXHAUST FAN COMPT
P47	PLUG, OUTDOOR FAN 1
P52	PLUG, OUTDOOR FAN 2
P35	PLUG, TEST HEAT
P86	PLUG, OUTDOOR FANS 1
P45	PLUG, INPUT
P132	PLUG, EXHAUST FAN MOTOR
P150	JACK, SMOKE DETECTOR ONE
P151	JACK, SMOKE DETECTOR ONE

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.

P152	JACK, SMOKE DETECTOR TWO
P153	JACK, SMOKE DETECTOR TWO
P255	PLUG, MODULE, CONTROL SMOKE DETECTION
P306	PLUG, S89 THERMOSTAT
S3	SWITCH, LIMIT LOW COMPRESSOR 1
S4	SWITCH, LIMIT HI PRESS (MANUAL RESET)
S6	SWITCH, DEFROST COMPRESSOR 1
S7	SWITCH, LIMIT HI PRESS COMP 2
S9	SWITCH, DEFROST COMPRESSOR 2
S11	SWITCH, LOW PRESS, LOW AMBIENT KIT
S30	SWITCH, LIMIT LOW COMPRESSOR 2
S42	SWITCH, OVERLOAD RELAY BLOWER MOTOR
S46	SWITCH, DEFROST TERMINATION
S49	SWITCH, FREEZESTAT
S50	SWITCH, FREEZESTAT 2
S84	SWITCH, LOW PRESS, LOW AMB COMP 2
S89	SWITCH, THERMOSTAT DISCHARGE TEMP
S104	SWITCH, DEFROST TERMINATION 2
S149	SWITCH, OVERFLOW
S176	SWITCH, OVERLOAD COMPRESSOR 1
S177	SWITCH, OVERLOAD COMPRESSOR 2
T1	TRANSFORMER, CONTROL
T18	TRANSFORMER, CONTACTOR

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

⚠ T82 IS USED ON "M" VOLTAGE UNITS ONLY

⚠ IMPORTANT: TO PREVENT MOTOR BURNOUT, NEVER CONNECT MORE THAN ONE MOTOR LEAD TO ANY ONE CONNECTION. TAPE UNUSED MOTOR LEADS

⚠ CONNECT A172 SENSOR TO J261 ON SUPPLY AIR SMOKE DETECTOR ONLY

⚠ B21 AND C18 ARE USED ON -150 UNITS ONLY

← DENOTES OPTIONAL COMPONENTS
— LINE VOLTAGE FIELD INSTALLED

10/14		WIRING DIAGRAM	10/14
		537288-03	
COOLING - CE			
KHA - 102, 120, 150 - M			
SECTION B			REV. 0
Supersedes		New Form No. 537288-03	