

NOTE: USE COPPER CONDUCTORS ONLY  
 GROUND N  
 LINE VOLTAGE FIELD INSTALLED POWER SUPPLY

LETTER DESIGNATION	VOLTAGE
Y	208-230/60/3
G	460/60/3
J	575/60/3
M	380-420/50/3

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

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

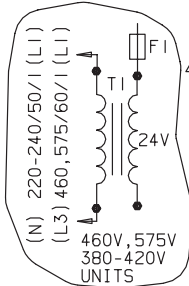
REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE

DISCONNECT ALL POWER BEFORE SERVICING

⚠ M VOLTAGE UNITS ONLY

⚡ CONNECTIONS FOR REMOTE MOUNTED SMOKE DETECTOR A17, MAX LOAD 0.1VA 24VAC CLASS II

⚠ INSTALL WHEN USING OPTIONAL LOW AMBIENT KIT



KEY	DESCRIPTION	COMPONENT
A17	(SEE NOTE 2)	
B1	COMPRESSOR 1	
B2	COMPRESSOR 2	
B3	MOTOR-BLOWER	
B4	MOTOR-COND FAN 1	
C1	CAPACITOR-COND FAN 1	
CMC1	TIMER-DEFROST COMP 1	
F1	FUSE-TRANSFORMER T1	
HR1	HEATER-COMPRESSOR 1	
HR2	HEATER-COMPRESSOR 2	
J35	JACK-TEST	
K1,-1	CONTACTOR-COMPRESSOR 1	
K2,-1	CONTACTOR-COMPRESSOR 2	
K3,-1,2	CONTACTOR-BLOWER	
K4,-1,2	RELAY-DEFROST 1	
K5,-1,2,3	RELAY-DEFROST 2	
K6,-1	RELAY-LATCH	
K8,-1,2,3	RELAY-TRANSFER 1	
K10,-1,2	RELAY-COND FAN 1	

KEY	DESCRIPTION	COMPONENT
K58,-1	RELAY-LOW AMBIENT KIT	
K99,-1,2	RELAY-DEFROST	
K118-1	RELAY-LOW AMBIENT KIT	
K119-1	RELAY-LOW AMBIENT KIT	
L1	VALVE-REVERSING 1	
L2	VALVE-REVERSING 2	
P2	PLUG-UNIT, HEAT	
P35	PLUG-TEST	
P66	PLUG-NOVAR ETM	
S3	SWITCH-LIMIT, LOW COMP 1 /COMPRESSOR MONITOR	
S4	SWITCH-LIMIT, HI PRESS COMP 1	
S5	SWITCH-LIMIT, HI TEMP COMP 1	
S6	SWITCH-DEFROST COMP 1	
S7	SWITCH-LIMIT, HI PRESS COMP 2	
S8	SWITCH-LIMIT, HI TEMP COMP 2	
S11	SWITCH-LOW PRESS, LOW AMB KIT	
S24	SWITCH-LOSS OF CHARGE, COMP 1	
S25	SWITCH-LOSS OF CHARGE, COMP 2	
S42	SWITCH-OVERLOAD, RELAY	
S49	SWITCH-FREEZESTAT, COMP 1	

KEY	DESCRIPTION	COMPONENT
S50	SWITCH-FREEZESTAT, COMP 2	
S74	SWITCH-FIRESTAT 1	
S75	SWITCH-FIRESTAT 2	
S84	SWITCH-LOW PRESS, LOW AMB KIT, COMP 2	
T1	TRANSFORMER-CONTROL	
TB17	TERMINAL STRIP-MULTI COLOR	
TB29	TERMINAL STRIP-24VAC POWER	
TB30	TERMINAL STRIP-24VAC COMMON	

**LENNOX** Industries Inc. WIRING DIAGRAM 8/94

HEAT PUMP-PACKAGED

CHP16-953-1,2,3,4-Y,G

CHP16-953-1,2,3-M

CHP16-953-2,3,5-J

HEAT PUMP SECTION B3

Supersedes Form No. 529,452W	New Form No. 531,261W
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