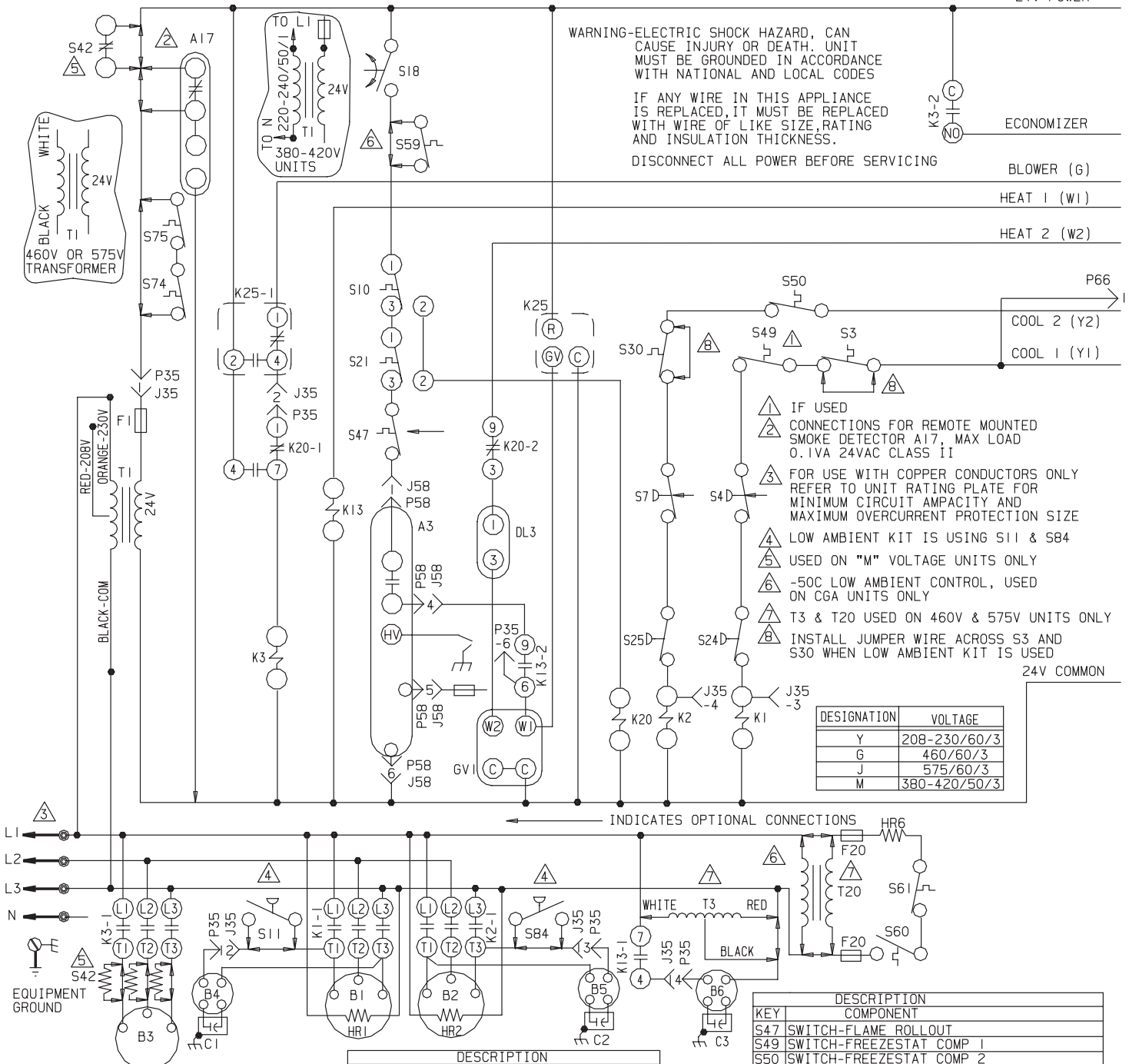


WARNING-ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES

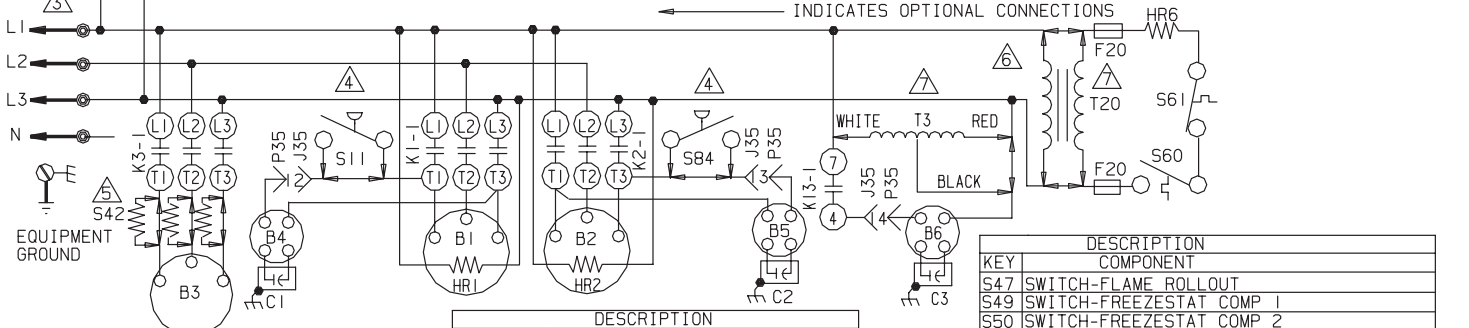
IF ANY WIRE IN THIS APPLIANCE IS REPLACED, IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING AND INSULATION THICKNESS.

DISCONNECT ALL POWER BEFORE SERVICING



- IF USED CONNECTIONS FOR REMOTE MOUNTED SMOKE DETECTOR A17, MAX LOAD 0.1VA 24VAC CLASS II
- FOR USE WITH COPPER CONDUCTORS ONLY REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE
- LOW AMBIENT KIT IS USING S11 & S84
- USED ON "M" VOLTAGE UNITS ONLY
- 50C LOW AMBIENT CONTROL, USED ON CGA UNITS ONLY
- T3 & T20 USED ON 460V & 575V UNITS ONLY
- INSTALL JUMPER WIRE ACROSS S3 AND S30 WHEN LOW AMBIENT KIT IS USED

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



KEY	DESCRIPTION	COMPONENT
A3	CONTROL - BURNER	
A17	(SEE NOTE 3)	
B1	COMPRESSOR 1	
B2	COMPRESSOR 2	
B3	MOTOR - BLOWER	
B4	MOTOR - COND FAN 1	
B5	MOTOR - COND FAN 2	
B6	MOTOR - COMB AIR BLOWER	
C1	CAPACITOR - COND FAN 2	
C2	CAPACITOR - COND FAN 2	
C3	CAPACITOR - COMB AIR BLOWER	
DL3	DELAY - GAS 2 (180SEC)	
F1	FUSE - TRANSFORMER T1	
F20	FUSE, -50C LOW AMBIENT KIT	
GV1	VALVE - GAS	
HRI	HEATER - COMPRESSOR 1	
HR2	HEATER - COMPRESSOR 2	
HR6	HEATER, -50C LOW AMBIENT KIT	
J35	JACK - TEST, COOL	
J58	JACK - BURNER CONTROL	

KEY	DESCRIPTION	COMPONENT
K1, -1	CONTACTOR - COMPRESSOR 1	
K2, -1	CONTACTOR - COMPRESSOR 2	
K3, -1,2	CONTACTOR - BLOWER	
K13, -1	RELAY - COMB AIR BLOWER	
K20, -1,2	RELAY - LIMIT, BLOWER	
K25, -1	RELAY - BLOWER DELAY	
P35	PLUG - TEST, COOL	
P58	PLUG - BURNER CONTROL	
P66	PLUG - NOVAV ETM	
S3	SWITCH - LIMIT, LOW COMP 1 /COMPRESSOR MONITOR	
S4	SWITCH - LIMIT, HI PRESS COMP 1	
S7	SWITCH - LIMIT, HI PRESS COMP 2	
S10	SWITCH - LIMIT, PRIMARY	
S11	SWITCH - LOW PRESS, LOW AMB KIT	
S18	SWITCH - COMB AIR BLOWER, PROVE	
S21	SWITCH - LIMIT, SECONDARY	
S24	SWITCH - LOSS OF CHARGE COMP 1	
S25	SWITCH - LOSS OF CHARGE COMP 2	
S30	SWITCH - LIMIT, LOW COMP 2 /COMPRESSOR MONITOR	
S42	SWITCH - OVERLOAD RELAY	

KEY	DESCRIPTION	COMPONENT
S47	SWITCH - FLAME ROLL OUT	
S49	SWITCH - FREEZESTAT COMP 1	
S50	SWITCH - FREEZESTAT COMP 2	
S59	THERMOSTAT, -35C OPEN, -50C LOW AMB KIT	
S60	THERMO, -23C CL, -7C OP, -50C LOW AMB KIT	
S61	THERMOSTAT, +24C OPEN, -50C LOW AMB KIT	
S74	SWITCH - FIRESTAT 1	
S75	SWITCH - FIRESTAT 2	
S84	SWITCH - LOW PRESS, LOW AMB KIT, COMP 2	
T1	TRANSFORMER - CONTROL	
T3	TRANSFORMER - COMB AIR BLOWER	
T20	TRANSFORMER, -50C LOW AMBIENT KIT	

LENNOX Industries Inc. WIRING DIAGRAM 2/94

COMBINATION UNITS-ROOFTOP

GCSI6-1353-5,6,7,8-Y,G,J,M

HEAT, COOL SECTION B2

Supersedes Form No. 529, 650W	New Form No. 529, 938W
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