



| OPTIONAL STATUS MONITOR INDICATOR COMPONENTS DESCRIPTION | |
|--|----------------------|
| KEY | COMPONENT |
| DL6 | DELAY-READOUT |
| K29,-1 | RELAY-NO HEAT |
| P25 | PLUG-SPI I |
| TB12 | TERMINAL STRIP-SPI I |

| KEY | DESCRIPTION |
|-----|-------------------------|
| A3 | CONTROL-BURNER 1 |
| A9 | PROTECTOR-COMPRESSOR 1 |
| A10 | PROTECTOR-COMPRESSOR 2 |
| A17 | (SEE NOTE 5) |
| B1 | COMPRESSOR |
| B2 | COMPRESSOR |
| B3 | MOTOR-BLOWER |
| B4 | MOTOR-COND FAN 1 |
| B5 | MOTOR-COND FAN 2 |
| B6 | MOTOR-COMB AIR BLOWER |
| B10 | MOTOR-EXHAUST FAN 1 |
| B11 | MOTOR-EXHAUST FAN 2 |
| B12 | MOTOR-EXHAUST FAN 2 |
| C1 | CAPACITOR-COND FAN 1 |
| C2 | CAPACITOR-COND FAN 2 |
| C6 | CAPACITOR-EXHAUST FAN 1 |
| C8 | CAPACITOR-EXHAUST FAN 2 |
| C9 | CAPACITOR-EXHAUST FAN 3 |
| DL1 | DELAY-BLOWER |
| DL3 | DELAY-GAS 180 SEC |
| F1 | FUSE-TRANSFORMER T1 |
| F6 | FUSE-EXHAUST FAN |
| F7 | FUSE-BLOWER MOTOR |
| F8 | FUSE-TRANSFORMER T8 |
| F9 | FUSE-TRANSFORMER T9 |
| F10 | FUSE-COND FAN MOTOR 1 |

| KEY | DESCRIPTION |
|-----------|-------------------------|
| F11 | FUSE-COND FAN MOTOR 2 |
| F13 | FUSE-TRANSFORMER T9 |
| GV1 | VALVE-GAS 1 |
| GV2 | VALVE-GAS, REDUNDANT |
| GV3 | VALVE-GAS 2 |
| HR1 | HEATER-COMPRESSOR 1 |
| HR2 | HEATER-COMPRESSOR 2 |
| HR7 | HEATER-AUXILIARY COMP 1 |
| HR8 | HEATER-AUXILIARY COMP 2 |
| J24 | JACK-EXHAUST FAN |
| J25 | JACK-SPI I |
| K1,-1 | CONTACTOR-COMPRESSOR 1 |
| K2,-1 | CONTACTOR-COMPRESSOR 2 |
| K3,-1,2 | CONTACTOR-BLOWER |
| K9,-1,2,3 | RELAY-HEAT |
| K19,-1 | RELAY-STAGE 2 HEAT |
| K20,-1 | RELAY-LIMIT, BLOWER |
| K36,-1 | RELAY-HEAT, BLOWER |
| K46,-1 | RELAY-BLOWER |
| K65,-1 | RELAY-EXHAUST FAN |
| K66,-1 | RELAY-STAGE 1 COOL |
| K67,-1 | RELAY-STAGE 2 COOL |
| K86,-1 | RELAY-PUMPDOWN 1 |
| K112,-1 | RELAY-PUMPDOWN 2 |
| L11 | VALVE-PUMPDOWN 1 |
| L12 | VALVE-PUMPDOWN 2 |

| KEY | DESCRIPTION |
|------------|-------------------------------|
| P24 OR JP2 | PLUG-EXHAUST FAN |
| PV1 | VALVE-PILOT |
| P66 | PLUG-NOVAR ETM |
| S3 | SWITCH-LIMIT, LOW COMP 1 |
| S4 | SWITCH-LIMIT, HI COMP 1 |
| S7 | SWITCH-LIMIT, HI COMP 2 |
| S10 | SWITCH-LIMIT, PRIMARY GAS |
| S11 | SWITCH-LOW AMBIENT |
| S18 | SWITCH-COMB AIR BLOWER, PROVE |
| S21 | SWITCH-LIMIT, SEC GAS HEAT |
| S24 | SWITCH-LOSS OF CHARGE, COMP 1 |
| S25 | SWITCH-LOSS OF CHARGE, COMP 2 |
| S27 | SWITCH-FILTER |
| S30 | SWITCH-LIMIT, LOW COMP 2 |
| S39 | SWITCH-MERCURY, EXHAUST FAN |
| S42 | OVERLOAD-BLOWER MOTOR RELAY |
| S49 | SWITCH-FREEZE STAT, COMP 1 |
| S50 | SWITCH-FREEZE STAT, COMP 2 |
| S76 | SWITCH-PUMPDOWN COMP 1 |
| S77 | SWITCH-PUMPDOWN COMP 2 |
| T1 | TRANSFORMER-CONTROL |
| T8 | TRANSFORMER-120V |
| T9 | TRANSFORMER-230V |
| T10 | TRANSFORMER-EXHAUST FAN |
| TBA | TERMINAL BLOCK |

- ⚠ CONNECTIONS FOR REMOTE MOUNTED SMOKE DETECTOR A17, MAX LOAD 0.1VA 24VAC CLASS II
- ⚠ FUSE F13 MAY NOT BE USED ON "J" UNITS
- ⚠ TRANSFORMER USED ON "J" UNITS
- ⚠ OVERLOAD USED ON 7.5 HP MOTOR & "M" UNITS
- ⚠ FUSE W & Q UNITS ONLY

LENNOX Industries Inc. WIRING DIAGRAM 3/91

COMBINATION UNITS-ROOFTOP

GCS11-2753, 3003-7-W, Q, G, J, M

HEAT, COOL SECTION B20

Supersedes Form No. 529, 252W New Form No. 529, 330W

Litho U.S.A.