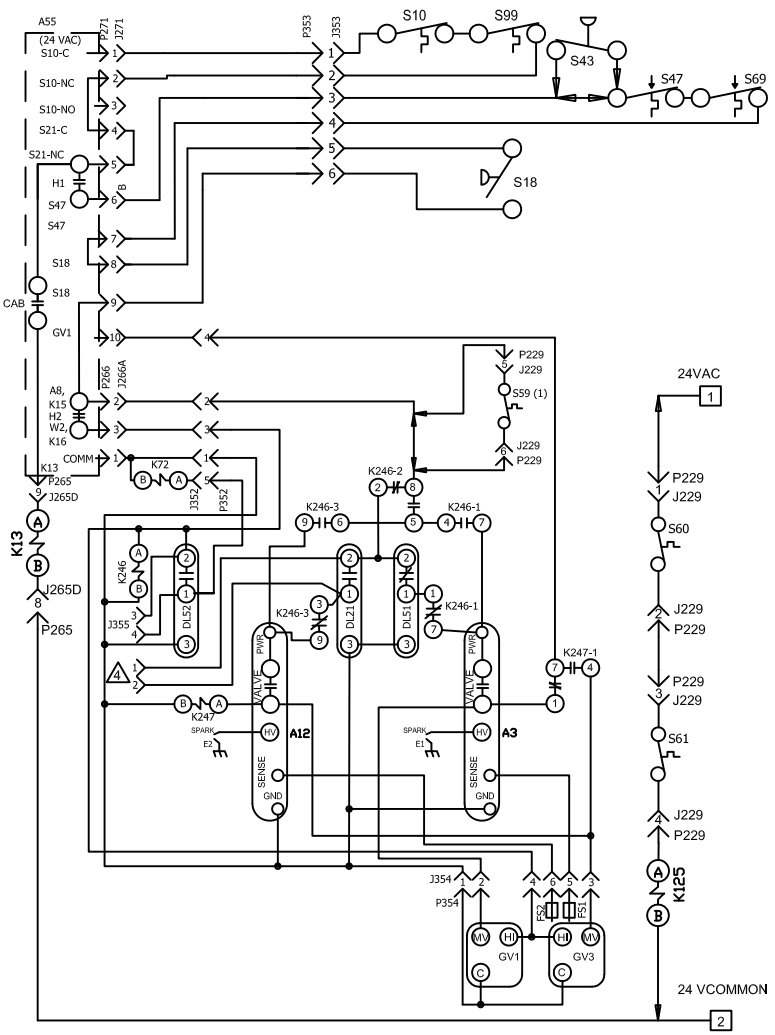
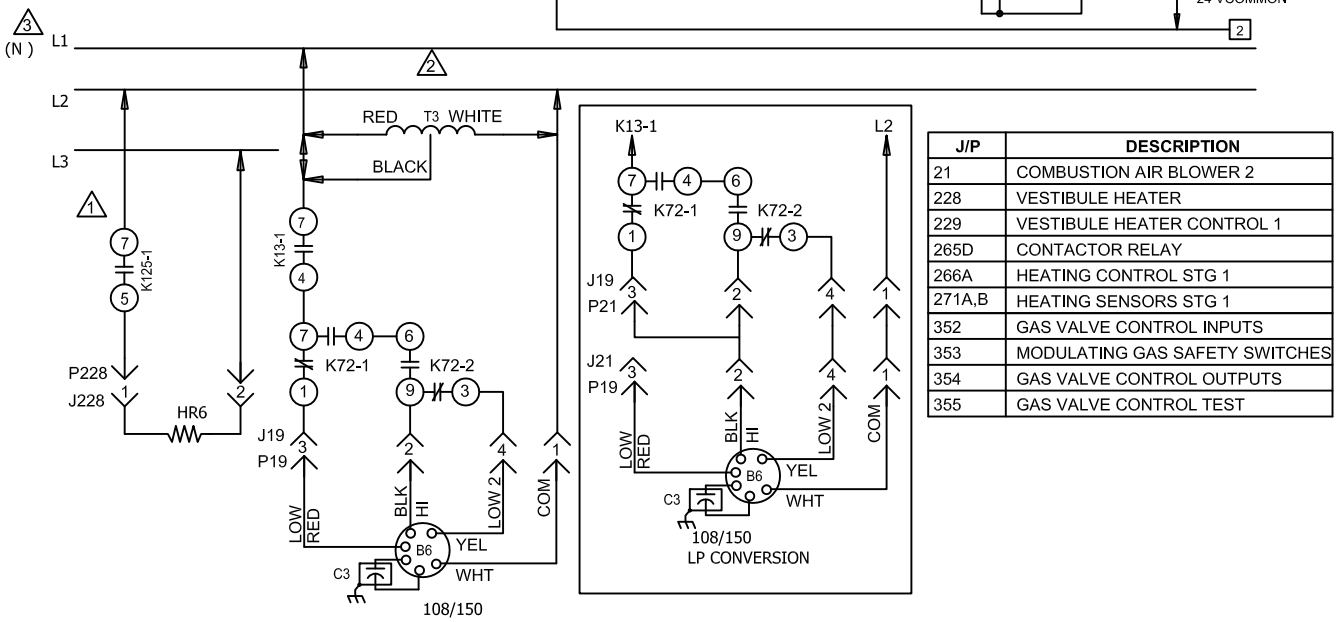
| KEY | DESCRIPTION |
|---|---|
| A3 | CONTROL, BURNER 1 |
| A12 | CONTROL, BURNER 2 |
| A55 | CONTROL, MAIN BOARD LENNOX |
| B6 | MOTOR, COMBUSTION AIR BLOWER |
| C3 | CAPACITOR, COMB AIR BLOWER 1 |
| DL21 | DELAY, GAS, STAGE 2 |
| DL51 | DELAY, 1ST STAGE GAS HEAT |
| DL52 | DELAY, 4TH STAGE GAS HEAT |
| E1 | SPARK |
| E2 | SPARK |
| FS1 | SENSOR, FLAME |
| FS2 | SENSOR, FLAME |
| GV1 | VALVE, GAS 1 |
| GV3 | VALVE, GAS 2 |
| HR6 | HEATER, -50C LOW AMBIENT KIT |
| K13,-1 | RELAY, COMBUSTION AIR BLOWER |
| K72,-1,2 | RELAY, GAS 3 |
| K77-1,2,3 | RELAY, HEAT 1 |
| K98,-1 | RELAY, HEAT 2 |
| K125,-1 | RELAY, HEAT SHUT OFF |
| K246-1,2,3 | RELAY - 1 ST, 2 ND STAGE |
| K247-1,2 | RELAY - 4 TH STAGE |
| S10 | SWITCH, LIMIT PRIMARY GAS |
| S18 | SWITCH, COMBUSTION AIR PROVE 1 |
| S43 | SWITCH, LOW GAS PRESSURE |
| S47 | SWITCH FLAME ROLLOUT BURNER |
| S59 | TSTAT, OPEN -20F, CLOSE 10F |
| S60 | TSTAT, OPEN 20F, CLOSE -10F |
| S61 | TSTAT, OPEN 50F, CLOSE 20F |
| S69 | SWITCH FLAME ROLLOUT BURNER 2 |
| S99 | SWITCH, LIMIT PRIMARY GAS 2 |
| T3 | TRANSFORMER COMB AIR BWR 1 |




| J/P | DESCRIPTION |
|---|---|
| 21 | COMBUSTION AIR BLOWER 2 |
| 228 | VESTIBULE HEATER |
| 229 | VESTIBULE HEATER CONTROL 1 |
| 265D | CONTACTOR RELAY |
| 266A | HEATING CONTROL STG 1 |
| 271A,B | HEATING SENSORS STG 1 |
| 352 | GAS VALVE CONTROL INPUTS |
| 353 | MODULATING GAS SAFETY SWITCHES |
| 354 | GAS VALVE CONTROL OUTPUTS |
| 355 | GAS VALVE CONTROL TEST |

1. CSA (-50C) LOW AMBIENT KIT (OPTIONAL)
2. T3 USED ON 460V AND 575 V UNITS ONLY
3. CONNECT TO (N) ON 380/420V UNITS ONLY
4. FOR USE DURING RUN-TEST ONLY

DENOTES OPTIONAL COMPONENTS

| | | |
|---|---|---|
| 08/15 | WIRING DIAGRAM<br>537837-01 | 08/15 |
| | HEATING | |
| | 4-STAGE GAS HEAT, LGH 108 - 150 | |
| | SECTION A | REV. 0 |
| Supersedes | New Form No.<br>537837-01 | |