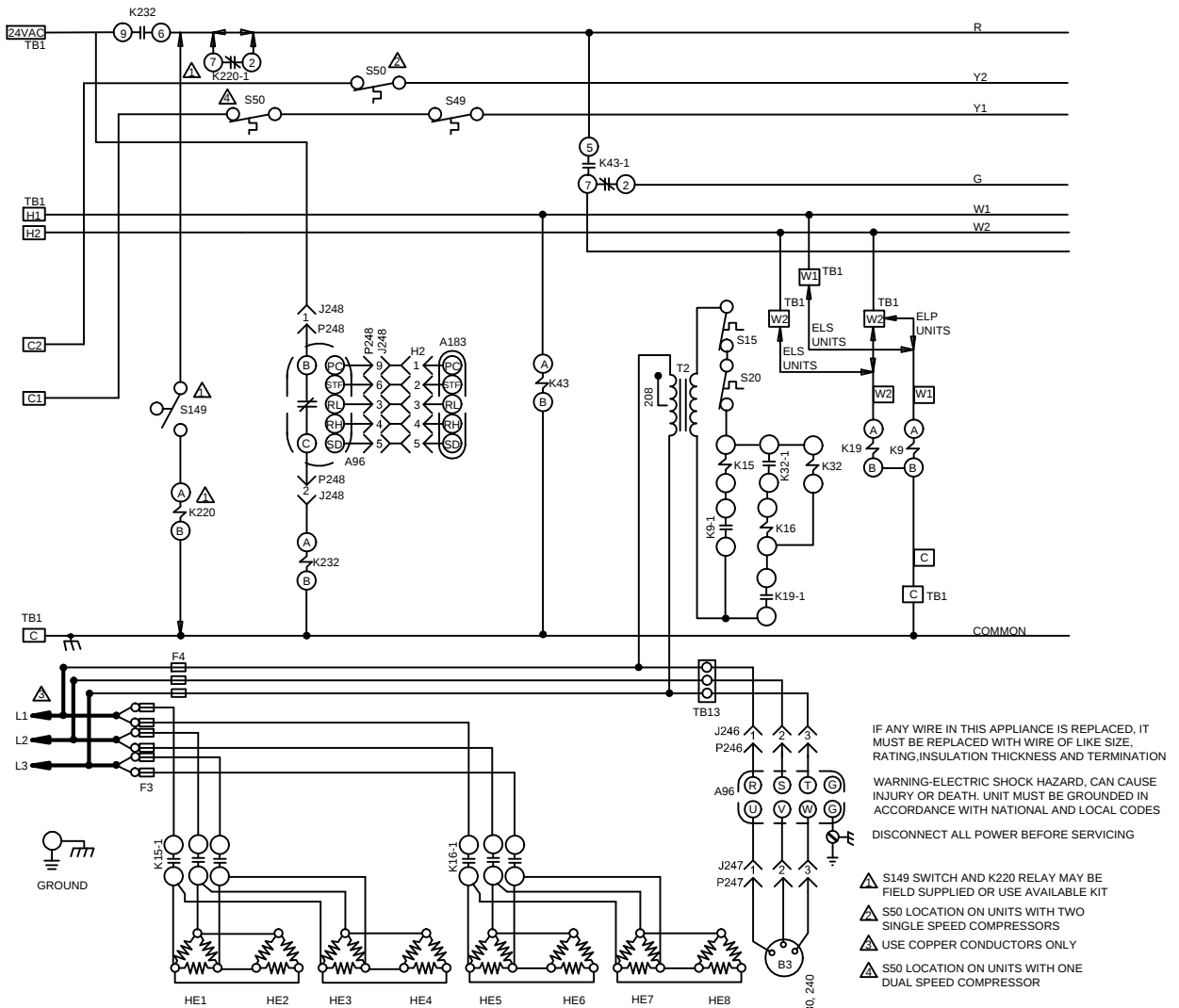




| KEY    | COMPONENT                        |
|--------|----------------------------------|
| A96    | CONTROL INVERTER                 |
| A183   | CONTROL VFD BOARD                |
| B3     | MOTOR-BLOWER                     |
| F3     | FUSE-ELECTRIC HEAT               |
| F4     | FUSE-UNIT                        |
| HE1    | ELEMENT-ELECTRIC HEAT 1          |
| HE2    | ELEMENT-ELECTRIC HEAT 2          |
| HE3    | ELEMENT-ELECTRIC HEAT 3          |
| HE4    | ELEMENT-ELECTRIC HEAT 4          |
| HE5    | ELEMENT-ELECTRIC HEAT 5          |
| HE6    | ELEMENT-ELECTRIC HEAT 6          |
| HE7    | ELEMENT-ELECTRIC HEAT 7          |
| HE8    | ELEMENT-ELECTRIC HEAT 8          |
| J/P246 | JACK, PLUG-POWER TO VFD          |
| J/P247 | JACK, PLUG-VFD TO MOTOR          |
| J/P248 | JACK, PLUG-VFD CONTROL           |
| K9-1   | RELAY-HEAT                       |
| K15-1  | CONTACTOR-ELECTRIC HT 1          |
| K18-1  | CONTACTOR-ELECTRIC HT 2          |
| K19-1  | RELAY-STAGE TWO HEAT             |
| K32-1  | RELAY-SEQUENCER ELECT HT 1       |
| K43-1  | RELAY-ECONOMIZER BLOWER          |
| K220-1 | RELAY-OVERFLOW                   |
| K232   | RELAY-INVERTER PROTECTION        |
| S15    | SWITCH-LIMIT, PRIMARY ELECT HT   |
| S20    | SWITCH-LIMIT, SECONDARY ELECT HT |

| KEY  | COMPONENT                       |
|------|---------------------------------|
| S49  | SWITCH-FREEZE/STAT COMPRESSOR 1 |
| S50  | SWITCH-FREEZE/STAT COMPRESSOR 2 |
| S149 | SWITCH-OVERFLOW                 |
| T2   | TRANSFORMER-ELECTRIC HEAT       |
| TB1  | TERMINAL STRIP-CLASS II VOLT    |
| TB13 | TERMINAL STRIP-CLASS II VOLT    |

| 180, 240 | KW   | HE1  | HE2  | HE3  | HE4  | HE5  | HE6  | HE7  | HE8  |
|----------|------|------|------|------|------|------|------|------|------|
| 30       | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 |
| 40       | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |

— LINE VOLTAGE FIELD INSTALLED

◀ DENOTES OPTIONAL COMPONENTS

|            |                                                                                     |                                                                                                                                               |       |
|------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 10/17      |  | <b>WIRING DIAGRAM</b><br><br><b>537930-01</b><br><br><b>HEATING - ELECTRIC</b><br><br><b>T3EH - ELA 180, 240 UNITS - Y</b><br><b>30,40 KW</b> | 10/17 |
| SECTION B3 |                                                                                     |                                                                                                                                               |       |
| Supersedes |                                                                                     | New Form No.<br><b>537930-01</b>                                                                                                              |       |
|            |                                                                                     | REV 0                                                                                                                                         |       |