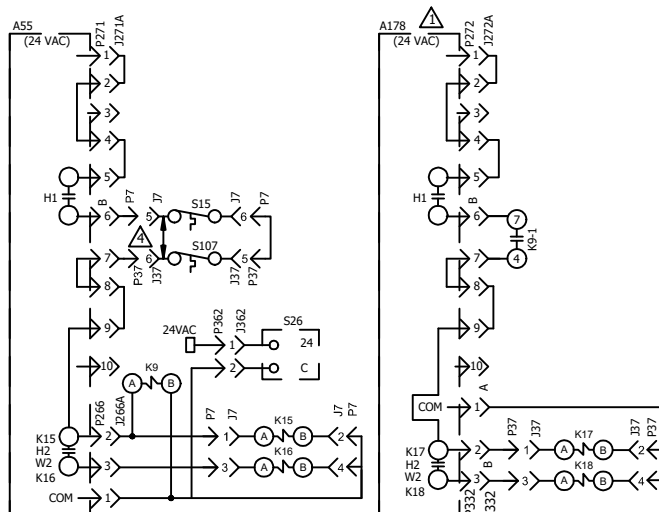
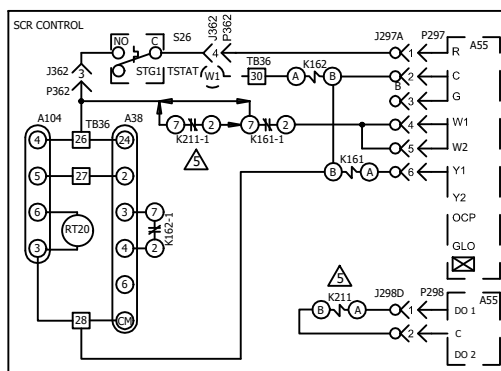




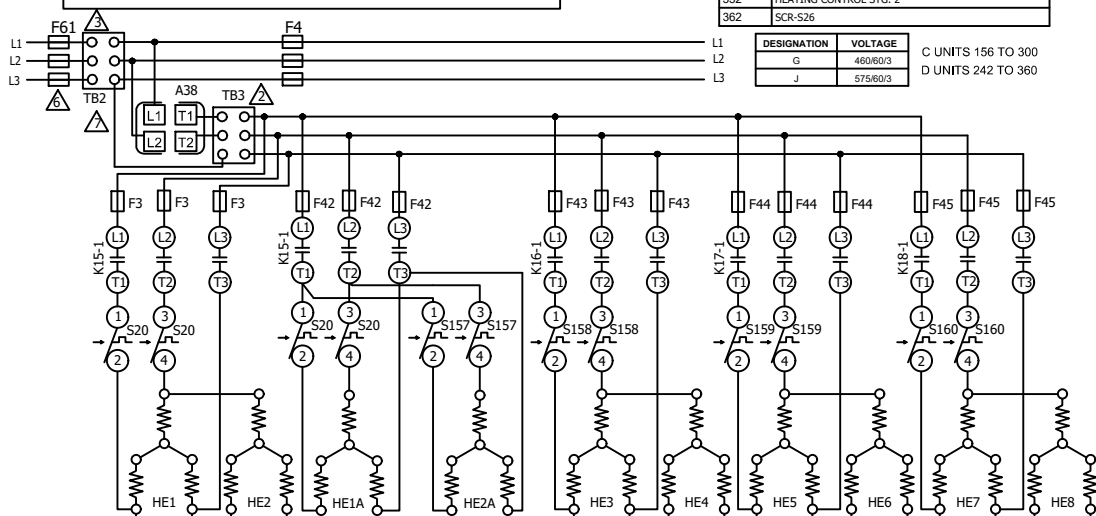
| KEY    | DESCRIPTION                              |
|--------|------------------------------------------|
| A38    | CONTROL, SCR ELECTRIC HEAT               |
| A55    | CONTROL, BOARD LENNOX                    |
| A104   | THERMOSTAT, SUPPLY AIR                   |
| A178   | BOARD, COMP 3 & 4, C3 2nd STAGE HEAT     |
| F3     | FUSE, ELECTRIC HEAT                      |
| F4     | FUSE, UNIT                               |
| F42    | FUSE, ELECTRIC HEAT 1 A, 2A              |
| F43    | FUSE, ELECTRIC HEAT 3, 4                 |
| F44    | FUSE, ELECTRIC HEAT 5                    |
| F45    | FUSE, ELECTRIC HEAT 6, 7                 |
| F61    | FUSE, UNIT - SCGR                        |
| 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                 |
| K9-1   | RELAY, HEAT                              |
| K15-1  | CONTACTOR, ELECTRIC HEAT 1,2             |
| K16-1  | CONTACTOR, ELECTRIC HEAT 1A,2A           |
| K17-1  | CONTACTOR, ELECTRIC HEAT 3,4             |
| K18-1  | CONTACTOR, ELECTRIC HEAT 5,6             |
| K161-1 | RELAY, SCR INTERRUPT                     |
| K162-1 | CONTACTOR, SCR HIGH OUTPUT               |
| K211-1 | RELAY, HEAT LOCKOUT                      |
| RT20   | SENSOR, DISCHARGE, SCR                   |
| S15    | SWITCH, LIMIT PRIMARY ELECTRIC HEAT      |
| S26    | THERMOSTAT, AMBIENT                      |
| S20    | SWITCH, LIMIT SECONDARY ELECTRIC HEAT 1  |
| S107   | SWITCH, PRIMARY ELECTRIC HEAT            |
| S157   | SWITCH, LIMIT SECONDARY ELECTRIC HEAT 1A |
| S158   | SWITCH, LIMIT SECONDARY ELECTRIC HEAT 2A |
| S159   | SWITCH, LIMIT SECONDARY ELECTRIC HEAT 3A |
| S160   | SWITCH, LIMIT SECONDARY ELECTRIC HEAT 5A |
| TB2    | TERMINAL STRIP, UNIT                     |
| TB3    | TERMINAL STRIP, ELECTRIC HEAT            |
| TB36   | TERMINAL STRIP, SCR                      |



| J/P | JACK/PLUG DESCRIPTION    |
|-----|--------------------------|
| 7   | ELECTRIC HEAT CONTROL    |
| 37  | ELECTRIC HEAT CONTROL    |
| 266 | HEATING CONTROL STG 1    |
| 271 | HEATING SENSORS STG 1    |
| 272 | HEATING SENSORS STG 2    |
| 297 | THERMOSTAT DDC INTERFACE |
| 298 | IAQ INTERFACE            |
| 332 | HEATING CONTROL STG. 2   |
| 362 | SCR-S26                  |

| DESIGNATION | VOLTAGE  |
|-------------|----------|
| G           | 460/60/3 |
| J           | 575/60/3 |

C UNITS 156 TO 300  
D UNITS 242 TO 360



- |          |                                                 |          |                                                        |
|----------|-------------------------------------------------|----------|--------------------------------------------------------|
| <b>1</b> | NOT USED ON 15 AND 30KW UNITS                   | <b>4</b> | REMOVE JUMPER PLUG WHEN FIELD INSTALLING ELECTRIC HEAT |
| <b>2</b> | TB3 IS USED IN SOME UNITS                       | <b>5</b> | K211 USED WITH HUMIDITROL CONTROL                      |
| <b>3</b> | TB2, S48 OR CB10 MAY BE USED ON NON SCCR UNITS. | <b>6</b> | F61 USED ON SCCR OPTION UNITS ONLY                     |
|          |                                                 | <b>7</b> | TB2 IS USED IN SOME SCCR OPTION UNITS ONLY             |

| DENOTES OPTIONAL COMPONENTS |    |     |     |     |     |     |     |     |     |     | SCR | AMPS |     |
|-----------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| C                           | KW | HE1 | HE2 | H1A | H2A | HE3 | HE4 | HE5 | HE6 | HE7 | HE8 | 480  | 600 |
|                             | 15 |     |     | 7.5 | 7.5 |     |     |     |     |     |     | 30   | 15  |
|                             | 30 |     |     | 15  | 15  |     |     |     |     |     |     | 40   | 40  |
|                             | 45 | 15  |     |     |     | 7.5 |     | 15  |     | 7.5 |     | 75   | 50  |
|                             | 60 | 15  |     |     |     | 15  |     | 15  |     | 15  |     | 90   | 75  |
|                             | 90 | 15  |     |     |     | 15  | 15  | 15  |     | 15  | 15  | 135  | 135 |

2018/11



## WIRING DIAGRAM

11/18

537756-03

HEATING - SCR

SCR ELECTRIC HEAT CONTROL - STAND ALONE  
15, 30, 45, 60, 90 - G, J

SECTION A

RFV 0

Supersedes

New Form No.

537756-02

537756-03