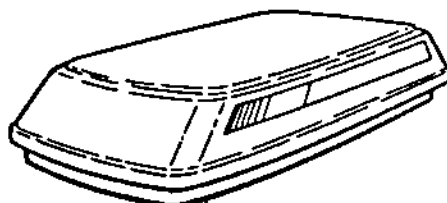




**Electrolux**

# **CAL SERIES**

**Roof Mount Caravan Air Conditioner**



**CAL MODELS  
with Selector Switch  
and Thermostat**

**220/240 Volts AC 50 hz.**

|                  |                        |        |
|------------------|------------------------|--------|
| MODEL CAL 61.001 | PRODUCT CODE 991640101 | 2.3 KW |
| CAL 61.005       | PRODUCT CODE 991640501 | 2.3 KW |
| CAL 136.001      | PRODUCT CODE 991650101 | 3.9 KW |
| CAL 136.005      | PRODUCT CODE 991650101 | 3.9 KW |

## **SPARE PARTS LIST**

**MODELS  
CAL 61.001  
CAL 61.005  
CAL 136.001  
CAL 136.005**

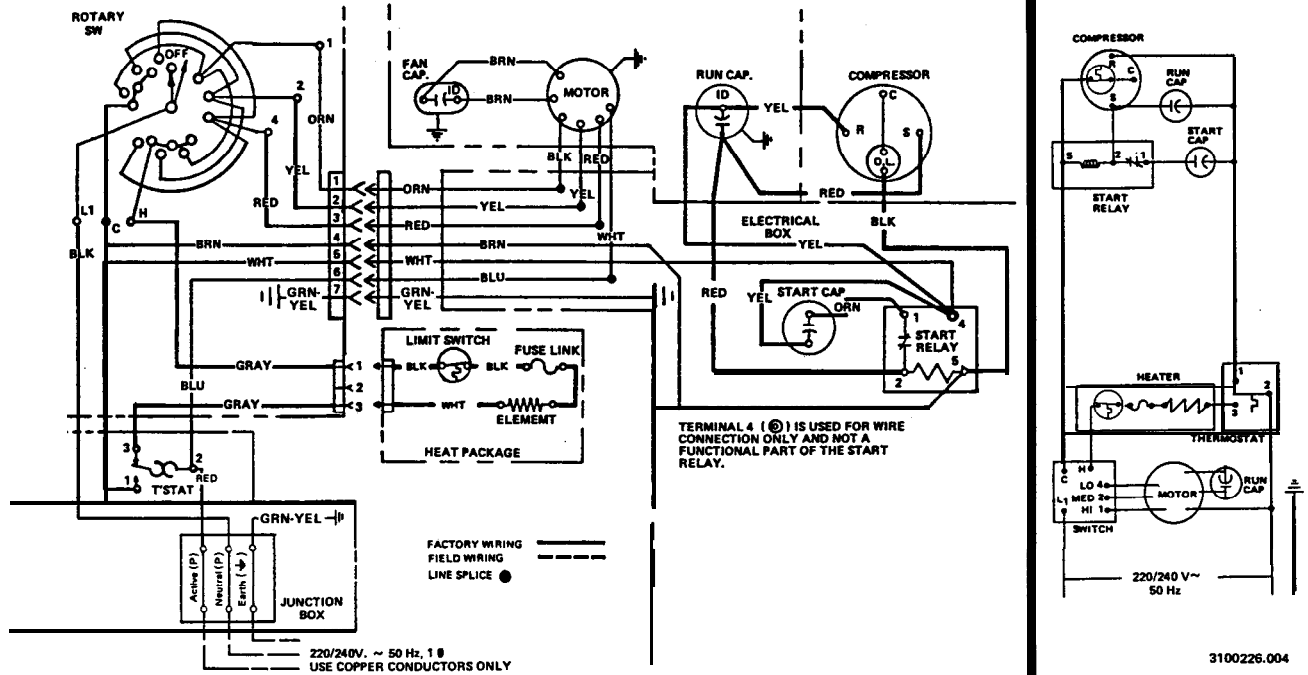
### **WARNING**

**This unit must be serviced by an authorized serviceman. Modification of this appliance can be extremely hazardous and could lead to serious injury or death.**

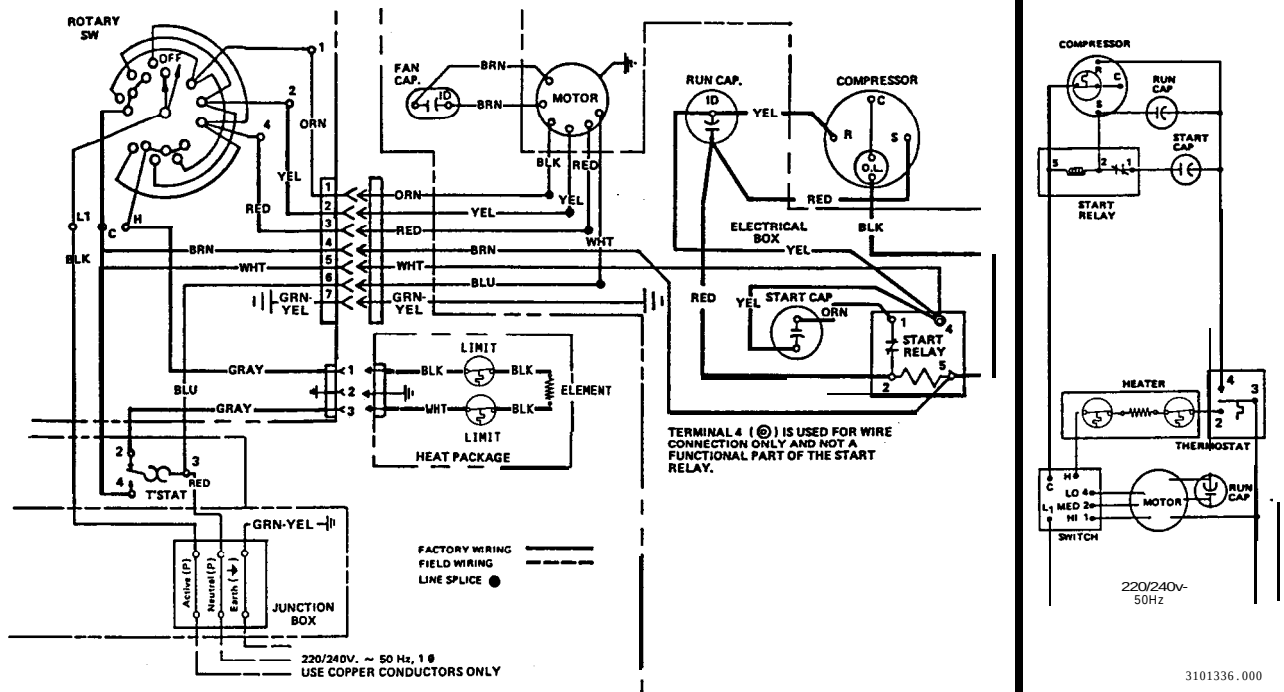
# **Alphabetical Index** **R.V. AIR CONDITIONERS** **MODEL CAL SERIES**

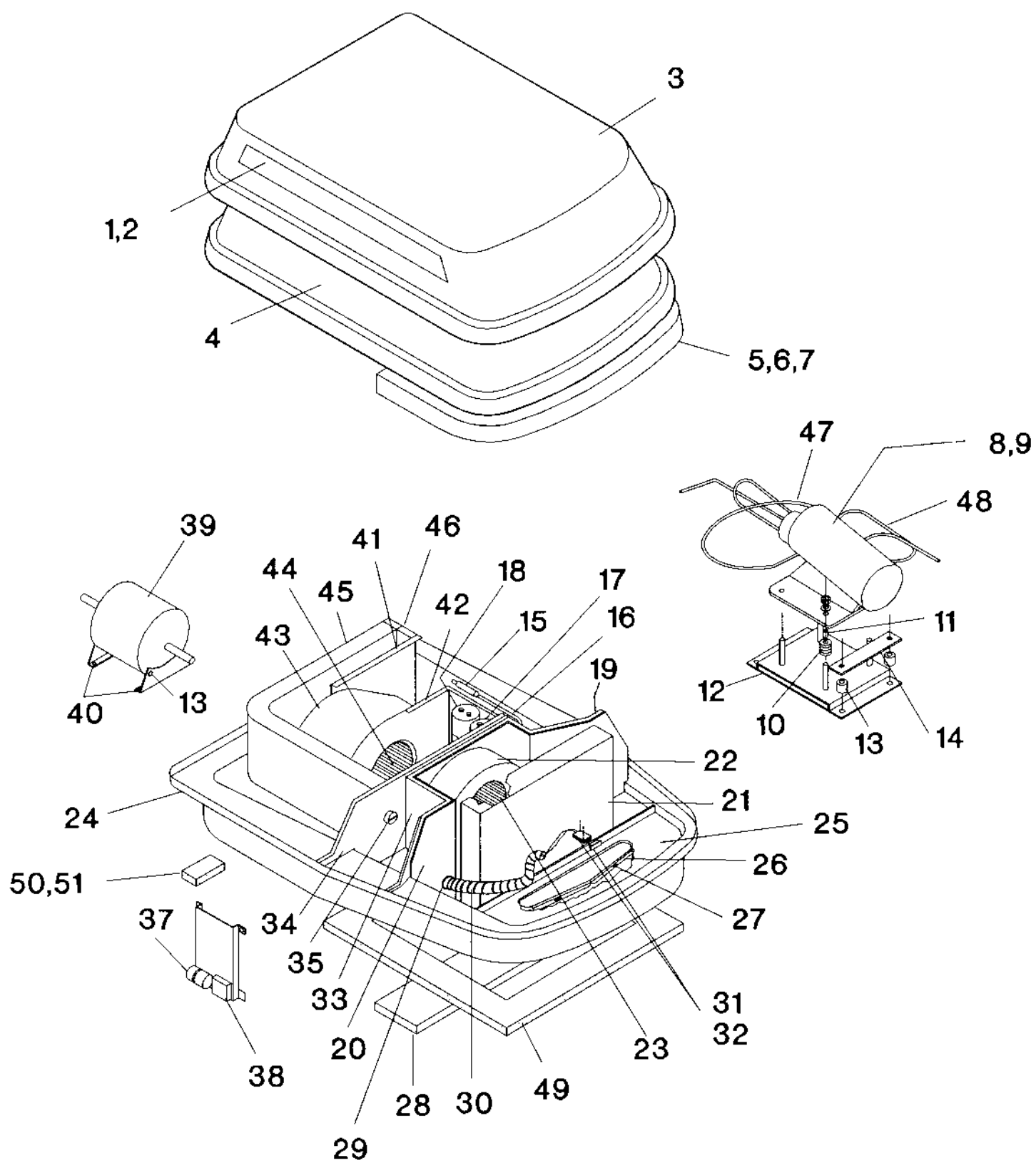
|                            |   |        |
|----------------------------|---|--------|
| Air Box . . . . .          | 5 | 19-24  |
| Blower Wheel . . . . .     | 4 | 23, 44 |
| Capillary Tube . . . . .   | 4 | 16     |
| Capacitor                  |   |        |
| Start . . . . .            | 4 | 38     |
| Blower . . . . .           | 4 | 18     |
| Run . . . . .              | 4 | 17     |
| Coil                       |   |        |
| Condenser . . . . .        | 4 | 45     |
| Evaporator . . . . .       | 4 | 21     |
| Compressor . . . . .       | 4 | 8      |
| Decal                      |   |        |
| Air Box . . . . .          | 5 | 23-24  |
| Shroud . . . . .           | 4 | 1-2    |
| Filter                     |   |        |
| Receiver (Drier) . . . . . | 4 | 15     |
| Gaskets, . . . . .         | 4 | 49-51  |
| Heat Kit . . . . .         | 6 | 1-11   |
| Knobs . . . . .            | 5 | 27     |
| Louver Assembly. . . . .   | 5 | 20     |
| Motor                      |   |        |
| Blower . . . . .           | 4 | 39     |
| Relay                      |   |        |
| Overload . . . . .         | 4 | 9      |
| Start . . . . .            | 4 | 37     |
| Shroud . . . . .           | 4 | 3      |
| Thermostat . . . . .       | 5 | 15     |
| Wiring Diagram . . . . .   | 2 |        |

## Wiring Diagram for Models CAL61.001, CAL136.001



## Wiring Diagram for Models CAL61.005, CAL136.005





**MODELS CAL SERIES**

| Index# | ROOF MOUNTED ASSEMBLY                             | CAL 61.001  | CAL 136.001 |
|--------|---------------------------------------------------|-------------|-------------|
|        |                                                   | CAL 61.005  | CAL 136.005 |
| 1      | Shroud decal (RH shown)                           | 3100341.027 | 3100341.027 |
| 2      | Shroud decal (LH not shown)                       | 3100341.019 | 3100341.019 |
| 3      | Shroud, outer (less decal)                        | 3100252.000 | 3100252.000 |
| 4      | Shroud, inner (metal)                             | 3100251.010 | 3100251.010 |
| 5      | Evaporator cover (styrofoam)                      | 3100268.006 | 3100268.006 |
| 6      | Insulation, blower housing (alum. not shown)      | 3100373.004 | 3100373.004 |
| 7      | Insulation, blower housing (fiberglass not shown) | 3100287.014 | 3100287.014 |
| 8      | Compressor w/overload                             | 3101811.002 | 3101810.004 |
| 9      | Overload (not shown)                              | 3100250.087 | 3100250.079 |
| 10     | Mounting grommet, compressor (4 req.)             | 3100238.132 | 3100238.132 |
| 11     | Sleeve                                            | 3100239.056 | 3100239.056 |
| 12     | Base, compressor mounting                         | 3100296.007 | 3100296.007 |
| 13     | Mounting, grommet                                 | 3100230.022 | 3100230.022 |
| 14     | Retainer strap                                    | 3100295.009 | 3100295.009 |
| 15     | Filter drier                                      | 3100246.002 | 3100246.002 |
| 16     | Capillary tube                                    | 3100245.392 | 3100245.384 |
| 17     | Capacitor compressor (run) .001                   | 3100248.313 | 3100248.305 |
|        | Capacitor compressor (run) .005                   | 3100956.014 | 3100248.305 |
| 18     | Capacitor, blower .001                            | 3100248.222 | 3100248.222 |
|        | Capacitor, blower .005                            | 3100956.022 | 3100248.222 |
| 19     | Bulkhead, compressor                              | 3100255.011 | 3100255.011 |
| 20     | Insulation, bulkhead                              | 3100266.000 | 3100266.000 |
| 21     | Coil, evaporator                                  | 3100303.001 | 3100272.008 |
| 22     | Blower housing, evaporator                        | 3100300.007 | 3100300.007 |
| 23     | Blower wheel, evaporator                          | 3100385.008 | 3100385.008 |
| 24     | Base pan                                          | 3100222.003 | 3100222.003 |
| 25     | Drain pan                                         | 3100267.008 | 3100267.008 |
| 26     | Bracket, less nuts                                | 3100297.005 | 3100297.005 |
| 27     | Nuts w/clips                                      | 3100280.019 | 3100280.019 |
| 28     | Insulation, blower housing bottom                 | 3100294.002 | 3100294.002 |
| 29     | Conduit clamp                                     | 20010.000   | 20010.000   |
| 30     | Conduit                                           | 318087.002  | 318087.002  |
| 31     | Wire set w/plug & conduit                         | 3100220.122 | 3100220.122 |
| 32     | Plug only                                         | 314470.003  | 314470.003  |
| 33     | Bulkhead, electric box                            | 3100253.008 | 3100253.008 |
| 34     | Bulkhead, evaporator                              | 3100254.006 | 3100254.006 |
| 35     | Strain relief                                     | 302994.014  | 302994.014  |
| 36     | Electrical panel                                  | 3100282.015 | 3100282.015 |
| 37     | Start relay                                       | 3100235.237 | 3100235.237 |
| 38     | Start capacitor                                   | 3100262.009 | 3100236.009 |
| 39     | Blower motor                                      | 3100225.006 | 3100225.006 |
| 40     | Motor mounts (2 req.)                             | 3100258.007 | 3100258.007 |
| 41     | Blower side (rear)                                | 3100261.001 | 3100261.001 |
| 42     | Blower side (front)                               | 3100259.005 | 3100259.005 |
| 43     | Blower scroll                                     | 3100260.003 | 3100260.003 |
| 44     | Blower wheel condenser                            | 3100386.006 | 3100386.006 |
| 45     | Condenser coil                                    | 3100271.919 | 3100271.919 |
| 46     | Plate, condenser close-off                        | 3100256.001 | 3100256.001 |
| 47     | Discharge line                                    | 3100285.901 | 3100285.901 |
| 48     | Suction line                                      | 3101812.000 | 3100284.904 |
| 49     | Gasket (355mm x 355mm)                            | 3100247.000 | 3100247.000 |
| 50     | Gasket (40mm x 405mm)                             | 3100286.016 | 3100286.016 |
| 51     | Gasket (40mm x 125mm)                             | 3100286.024 | 3100286.024 |
| 52     | Decal, field wiring .001 (not shown)              | 3100226.004 | 3100226.004 |
|        | Decal, field wiring .005 (not shown)              | 3101336.000 | 3101336.000 |
| 53     | Conduit connector (2 req.)                        | 3100486.020 | 3100486.020 |

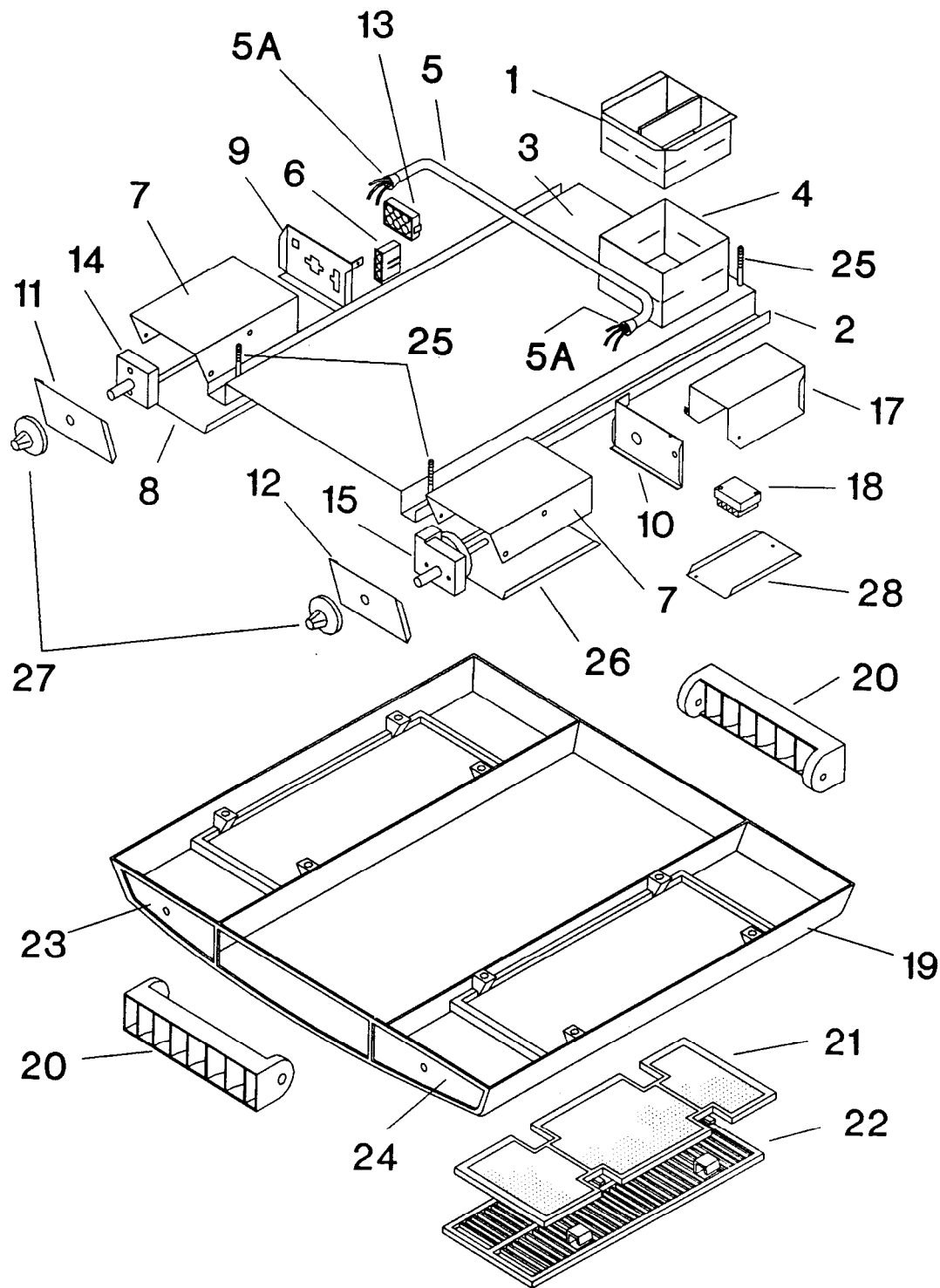
# INSTALLATION PARTS PACKAGE

| Index# | Installation Parts Package         | CAL 61.001/.005 | CAL 136.001/.005 |
|--------|------------------------------------|-----------------|------------------|
| 1-28   | Complete parts package asm. .001   | 3100292.008     |                  |
|        | Complete parts package asm. .005   | 3100292.022     |                  |
| 1      | Discharge duct, upper              | 3100282.009     |                  |
| 2-18   | Complete ceiling template asm..001 | 3100301.005     |                  |
|        | Complete ceiling template asm..005 | 3101814.008     |                  |
| 2      | Ceiling template (less insulation) | 3100285.010     |                  |
| 3      | Insulation                         | 3100287.008     |                  |
| 4      | Discharge duct, lower              | 3100342.009     |                  |
| 5      | Conduit .001                       | 3100302.003     |                  |
|        | Conduit .005                       | 318087.003      |                  |
| 5A     | Strain relief (.005 only) (2 req.) | 302994.013      |                  |
| 8      | Plug, female, 3 pole               | 314471.000      |                  |
| 7      | Thermostat/switch box              | 3100275.001     |                  |
| 8      | Box cover                          | 3100278.013     |                  |
| 9      | Box back (LH)                      | 3100299.019     |                  |
| 10     | Box back (RH)                      | 3100279.011     |                  |
| 11     | Box front (LH)                     | 3100278.017     |                  |
| 12     | Box front (RH) .001                | 3100277.023     |                  |
|        | Box front (RH) .005                | 3100277.031     |                  |
| 13     | Plug, female, 9 pole               | 314471.003      |                  |
| 14     | Selector switch                    | 3100488.000     |                  |
| 15     | Thermostat .001                    | 313820.001      |                  |
|        | Thermostat .005                    | 3109952.005     |                  |
| 18     | Wiring, decal (not shown) .001     | 3100228.004     |                  |
|        | Wiring, decal (not shown) .005     | 3101338.000     |                  |
| 17     | Junction box                       | 3100231.004     |                  |
| 18     | Terminal block                     | 3100233.000     |                  |
| 19-24  | Complete air box asm.              | 3100288.048     |                  |
| 19     | Air box only                       | N/A             |                  |
| 20     | Louvers (2 req.)                   | 3100289.002     |                  |
| 21     | Air fitter (2 req.)                | 3100281.009     |                  |
| 22     | Return air grill                   | 3100270.002     |                  |
| 23     | Decal, switch                      | 3100407.000     |                  |
| 24     | Decal, thermostat                  | 3100408.002     |                  |
| 2528   | Small parts bag asm.               | 3101582.009     |                  |
| 25     | Mounting bolts (15cm 3 req.)       | 3100375.025     |                  |
| 28     | Thermostat box cover               | 3100278.013     |                  |
| 27     | Knobs, t-stat, switch              | 3100290.000     |                  |
| 28     | Junction box cover                 | 3100232.032     |                  |

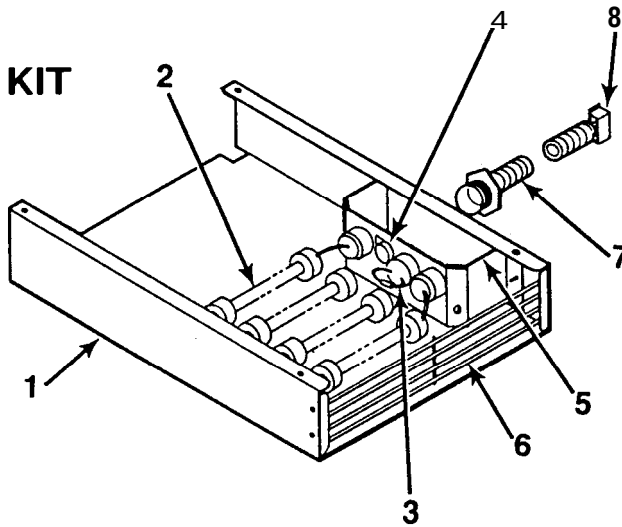
## OPTIONAL EQUIPMENT

|                        |             |
|------------------------|-------------|
| Duct extension         | 318558.000  |
| Bolt kit               | 318557.000  |
| Electric heat kit .001 | 3100298.003 |
| Electric heat kit .005 | 3100980.008 |

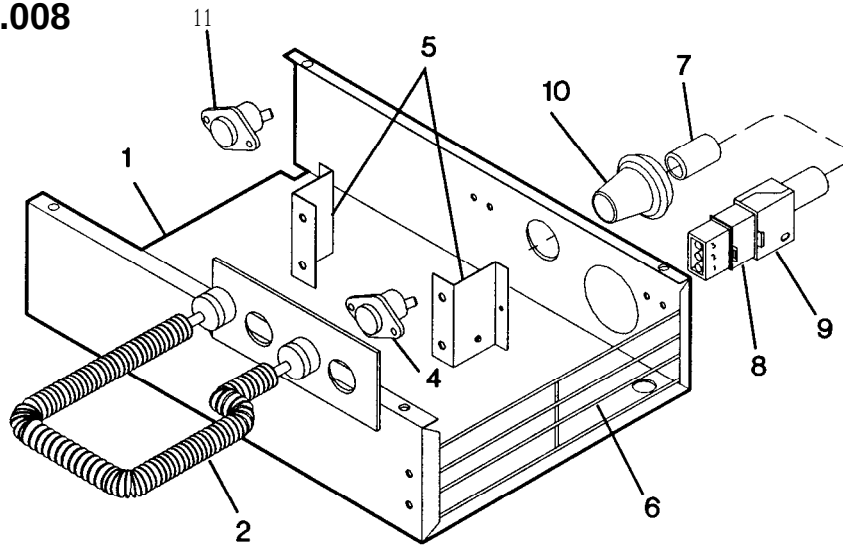
N/A = Not available



**ELECTRIC HEAT KIT  
3100298.003**



**ELECTRIC HEAT KIT  
3100960.008**



| Index# | Description                  | Kit Number<br>3100298.903 | Kit Number<br>3100960.008 |
|--------|------------------------------|---------------------------|---------------------------|
| 1      | Heat shield                  | 3100264.005               | 3100264.005               |
| 2      | Heat element (Incl. Item #3) | 3100227.002               | 3100474.018               |
| 3      | Fuse link                    | 3100244.007               | N/A                       |
| 4      | Limit, switch                | 3100241.011               | 3100962.020               |
| 5      | Mounting bracket (2 req.)    | 3100263.007               | 3100263.007               |
| 6      | Grill                        | 3100269.004               | 3100378.003               |
| 7      | Conduit                      | 3100293.012               | 318087.004                |
| 8      | Plug male, 3 pole            | 314470.000                | 314470.000                |
| 9      | Strain relief (2 req.)       | N/A                       | 3190486.012               |
| 10     | Strain relief                | N/A                       | 302994.011                |
| 11     | Switch, manual limit         | N/A                       | 3100962.012               |