

TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

DRAWN BY:  
D.CONDIE

TRANE© DATE:  
01/07/2019

REPLACES:  
4367-0377

REVISION DATE:  
07/12/2019

CAD SYSTEM USED:  
Pro/DIAGRAM

SIMILAR TO:  
--

FILE NUMBER:

DRAWING NUMBER:  
43675769

SHEET:  
1 of 1

REV  
B

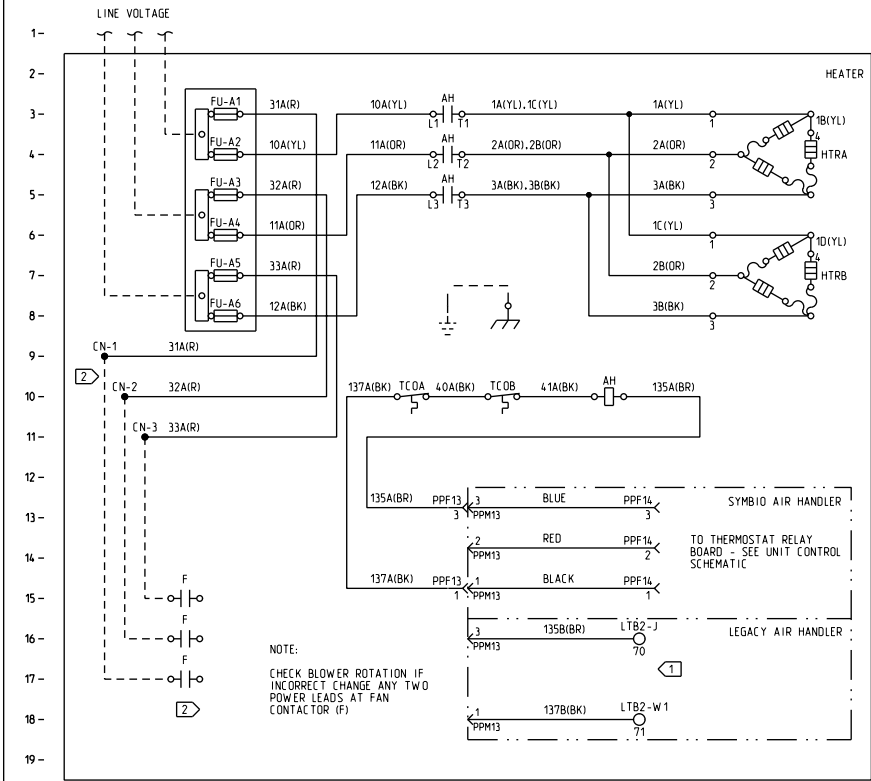
ODYSSEY

DIAGRAM

SCHEMATIC/CONNECTION

14.96/19.92KW ELECTRIC HEAT

208/240V 3PH



| LEGEND             |                              |             |
|--------------------|------------------------------|-------------|
| DEVICE DESIGNATION | DESCRIPTION                  | LINE NUMBER |
| AH                 | CONTACTOR - HEATER           | 3,4,5,10    |
| CN-1               | CONNECTOR - WIRE NUT #1      | 9           |
| CN-2               | CONNECTOR - WIRE NUT #2      | 10          |
| CN-3               | CONNECTOR - WIRE NUT #3      | 11          |
| F                  | CONTACTOR - INDOOR FAN       | 15,16,17    |
| FB                 | FUSE BLOCK                   | 3           |
| FU-A1              | FUSE                         | 3           |
| FU-A2              | FUSE                         | 4           |
| FU-A3              | FUSE                         | 5           |
| FU-A4              | FUSE                         | 6           |
| FU-A5              | FUSE                         | 7           |
| FU-A6              | FUSE                         | 8           |
| HTRA               | HEATER RACK                  | 3           |
| HTRB               | HEATER RACK                  | 6           |
| LTB2               | TERMINAL BLOCK - LOW VOLTAGE | 16,18       |
| TCOA               | SWITCH - TEMP LIMIT          | 10          |
| TCOB               | SWITCH - TEMP LIMIT          | 10          |

AH - 3,4,5,10 <8>

| ELECTRICAL RATING |      |           |      |
|-------------------|------|-----------|------|
| 240 VOLTS         |      | 208 VOLTS |      |
| KW                | AMPS | KW        | AMPS |
| 19.92             | 48   | 14.96     | 41.6 |

| WIRE COLORS |        |
|-------------|--------|
| ABBR        | COLOR  |
| BK          | BLACK  |
| BR          | BROWN  |
| R           | RED    |
| YL          | YELLOW |
| OR          | ORANGE |

| FUSE REPLACEMENT |     |
|------------------|-----|
| A1               | 30A |
| A2               | 60A |
| A3               | 30A |
| A4               | 60A |
| A5               | 30A |
| A6               | 60A |

CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

PRECAUCIÓN

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

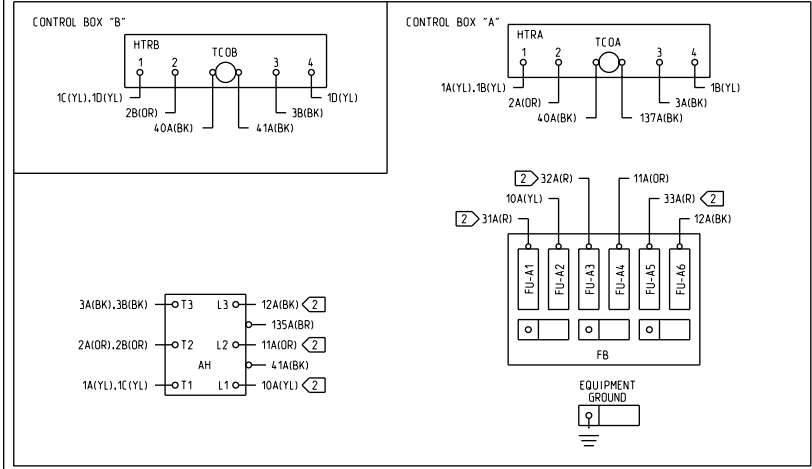
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

ATTENTION

UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.



- NOTES:
- FIELD CONNECT CONTROL LEADS AS SHOWN:  
137B(BK) - LTB2-W1 (FIRST STAGE HEAT)  
135B(BR) - LTB2-J (HEATER/FAN INTERLOCK)
  - WHEN USING SINGLE POINT POWER ENTRY THROUGH ELECTRIC HEAT CONTROL BOX, REMOVE CONNECTORS CN-1 AND CN-2 AND CN-3 FROM THE END OF WIRES 31A(R) AND 33A(R) AND 33A(R) THEN TERMINATE THEM INTO BOX LUGS LOCATED ON THE BOTTOM OF THE INDOOR FAN CONTACTOR IN THE AIR HANDLER CONTROL BOX. SEE THE ELECTRIC HEAT INSTALLER'S GUIDE FOR INTSALLATION INSTRUCTIONS.
  - UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURED.
  - DASHED LINES INDICATE RECCOMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
  - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALL CLOSED CONTACT.

- MATERIAL:
- MAC-TAC MR1 LABEL MATERIAL (WHITE IN COLOR) WITH L23 L50 ADHESIVE LINER.
- ALTERNATE MATERIAL:
- FLEXCON VINYL V400 HW TC-160 LABEL MATERIAL (WHITE IN COLOR) WITH V-23 90 PFW ADHESIVE LINER.
- NOTES:
- ALL PRINTING TO BE BLACK
- SIZE:
- 8.25 X 10.00