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DRAWN BY: D.CONDIE TRANE© DATE: 01/17/2019
REPLACES: 4367-0381 REVISION DATE: --
CAD SYSTEM USED: Pro/DIAGRAM SIMILAR TO: --

FILE NUMBER: DRAWING NUMBER: SHEET: REV
43675773 1 OF 1 A

ODYSSEY

DIAGRAM

SCHEMATIC/CONNECTION
8.65/11.52KW ELECTRIC HEAT
208-240V 1PH

MATERIAL:

MAC-TAC MR1 LABEL MATERIAL (WHITE IN COLOR)
WITH L23 L50 ADHESIVE LINER.

ALTERNATE MATERIAL:

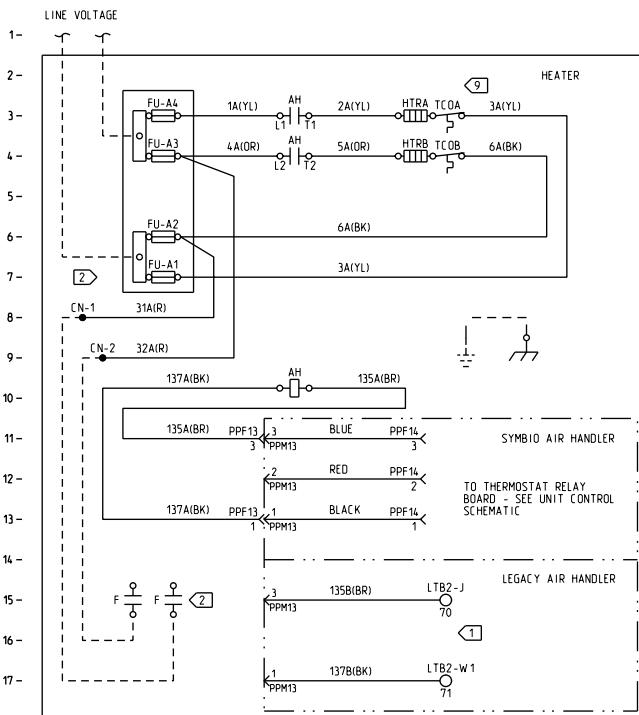
FLEXCON VINYL V400 HW TC-160 LABEL MATERIAL
(WHITE IN COLOR) WITH V-23 90 PFW ADHESIVE LINER.

NOTES:

ALL PRINTING TO BE BLACK

SIZE:

8.25 X 10.00



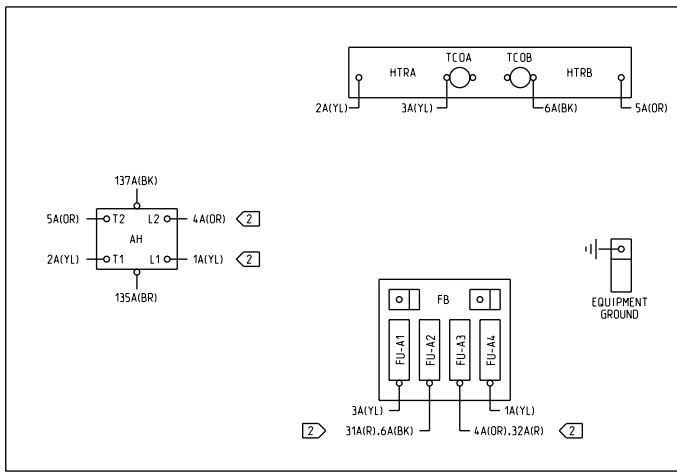
LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
AH	CONTACTOR - HEATER	3.4.10
CN-1	CONNECTOR - WIRE NUT #1	8
CN-2	CONNECTOR - WIRE NUT #2	9
F	CONTACTOR - INDOOR FAN	15
FB	FUSE BLOCK	3
FU-A1	FUSE	7
FU-A2	FUSE	6
FU-A3	FUSE	4
FU-A4	FUSE	3
HTRA	HEATER RACK	3
HTRB	HEATER RACK	4
LTB2	TERMINAL BLOCK - LOW VOLTAGE	15,17
TCOA	SWITCH - TEMP LIMIT	3
TCOB	SWITCH - TEMP LIMIT	4

ELECTRICAL RATING			
240 VOLTS	208 VOLTS	KW	AMPS
11.52	48	8.65	41.6

WIRE COLORS	
ABB	COLOR
A1	BLACK
BK	BLACK
BR	BROWN
OR	ORANGE
R	RED
YL	YELLOW
OR	ORANGE

FUSE REPLACEMENT	
A1	30A
BK	60A
A2	60A
A3	60A
A4	30A

CAUTION	PRECAUCIÓN	ATTENTION	ATTENTION
USE COPPER CONDUCTORS ONLY!	N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!	UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!	NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150 VOLTS TO GROUND.
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.	LES BORNES DE L'UNITÉ NE SONT PAS CONçUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.	LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.	NE CONVIENT PAS POUR LES INSTALLATIONS DE PLUS DE 150V A TERRE.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.	L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.	SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.	



NOTES:

- 1 FIELD CONNECT CONTROL LEADS AS SHOWN:
137B(BK) - LTB2-W1 (FIRST STAGE HEAT)
135B(BR) - LTB2-2 (HEATER/FAIR INTERLOCK)
- 2 WHEN USING SINGLE POINT POWER ENTRY THROUGH ELECTRIC HEAT CONTROL BOX, REMOVE CONNECTORS CN-1 AND CN-2 FROM THE END OF WIRES 31A(R) AND 32A(R) AND 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 INSTALLATION INSTRUCTIONS.
- 4 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 OCCURRED.
- 7 DASHED LINES INDICATE RECOMMENDED 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.
- 8 NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
- 9 THERMOSTAT DEVICES ARE EQUIPPED WITH AN AUTO-RESETTING THERMAL LIMIT SWITCH AND ONE-SHOT THERMAL LIMIT FUSE.