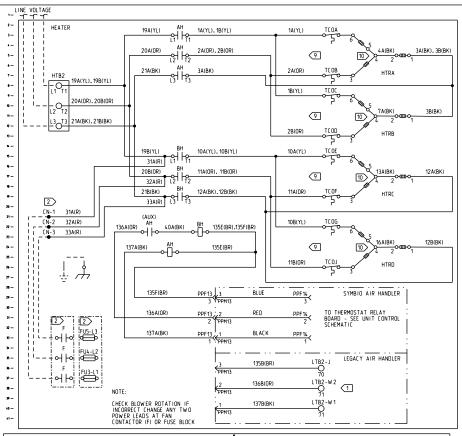


FILE NUMBER: DRAWING NUMBER: SHEET: REV 43676667 1 of 1 Α ODYSSEY DIAGRAM SCHEMATIC/CONNECTION 34.88KW ELECTRIC HEAT 460/575V 3PH



	LEGEND		
	DEVICE DESIG	DESCRIPTION	LINE NUMBER
	AH	CONTACTOR - HEATER	3.5.7.22.24
	ВН	CONTACTOR - HEATER	15.17.19.22
	CN-1	CONNECTOR - WIRE NUT #1	21
	CN-2	CONNECTOR - WIRE NUT #2	22
	CN-3	CONNECTOR - WIRE NUT #3	23
	F	CONTACTOR - INDOOR FAN	33.35.37
	FU3-L1	FUSE	37
	FU4-L2	FUSE	35
	FU5-L3	FUSE	33
	HTB2	HIGH VOLTAGE TERMINAL BLOCK	8
	HTRA	HEATER RACK	3
	HTRB	HEATER RACK	9
	HTRC	HEATER RACK	15
	HTRD	HEATER RACK	22
	LTB2	TERMINAL BLOCK - LOW VOLTAGE	36.38.40
	TCOA	SWITCH - TEMP LIMIT	3
	TCOB	SWITCH - TEMP LIMIT	7
	TCOC	SWITCH - TEMP LIMIT	9
	TCOD	SWITCH - TEMP LIMIT	13
BH - 15,17,19,22 8	TC OE	SWITCH - TEMP LIMIT	15
	TC OF	SWITCH - TEMP LIMIT	19
AH - 3.5.7.22.24 8	TC OG	SWITCH - TEMP LIMIT	22
	TCOJ	SWITCH - TEMP LIMIT	26

VOLTS	VOLTS KW AM		
480	34.88	42	
600	34.88	35	

WIRE COLORS		
ABBR	COLOR	
BK	BLACK	
BR	BROW N	
R	RED	
YL	YELLOW	
ΠD	ODANGE	

CAUTION USE COPPER CONDUCTORS ONLY!

# PRECAUCIÓN

# ATTENTION

TCOA)6

10>

10>

10> HTB2

ΘT3 L3 O

© T2 L2 C

EQUIPMENT GROUND

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

3A(BK).3B(BK) 1 O HTRA

☐ 4A(BK)

21A(BK), 21B(BK)

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

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

\_16A(BK)

HTRD 2

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT SI NO LO HACE. PUEDE OCASIONAR DA ÑO AL EQUIPO. ENDOMMAGER L'ÉQUIPEMENT.

Q(TCOB)

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

11B(OR)

-16A(BK)

10>

- TC000

10B(YL)

T FIELD CONNECT CONTROL LEADS AS SHOWN:
1378(BK) - LTB2-W1 (FIRST STAGE HEAT)
136B(OR) - LTB2-W2 (FIRST STAGE HEAT)
135B(BR) - LTB2-J (HEATER/FAN INTERLOCK)

2 WHEN USING SINGLE POINT POWER ENTRY THROUGH ELECTRIC HEAT CONTROL BOX. REMOVE CONNECTORS. CH. 1. CN.-2 AND CN.-3 FROM THE END OF THE WIRES 31AKR). 32AKR) 100 33AKR). THEN TERMINATE THEM AT THE INPUTZINE SIDE OF THE CONTACTOR ICV UNITS) OF USE BLOCK VPO UNITS) COLATED NOTACTOR ICV UNITS) OF USE BLOCK VPO UNITS OF THE B

UNLESS OTHERWISE NOTED. ALL SWITCHES ARE SHOWN AT 25°C (77°F) AT ATMOSPHERIC PRESSURE. AT 50% RELATIVE HUMBITY 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 OPPONENTS 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 INDERLINED NUMBER INDICATES A NORMALLY CLOSED
CONTACT.

10 HEATER RACK COMES WITH BUSBAR CONNECTING TERMINALS 4 & 5.

PRINTED FROM 43676667 REV A

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.

ALL PRINTING TO BE BLACK

SIZE:

8.25 X 10.00