

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE
IN INCHES. TOLERANCE:

.X	= ±	
.XX	= ±	0.06
.XXX	= ±	

ANGLES = ± ° HOLE DIA = + -
CONFORMS TO ASME Y14.5M-1994.

TRANE

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

DRAWN BY: J.EATON ©TRANE DATE: 03 MAY 06

DO NOT SCALE PRINT

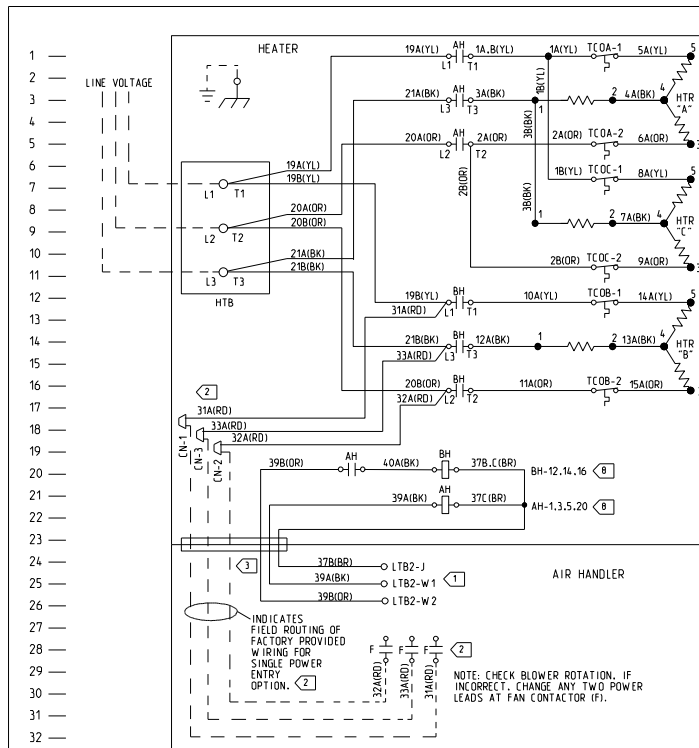
THIRD ANGLE PROJECTION

4367-0375

SHEET
1 OF 1

REV
D

DIAGRAM, WIRING



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.

ATTENTION

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'ÉQUIPEMENT

PRECAUCIÓN

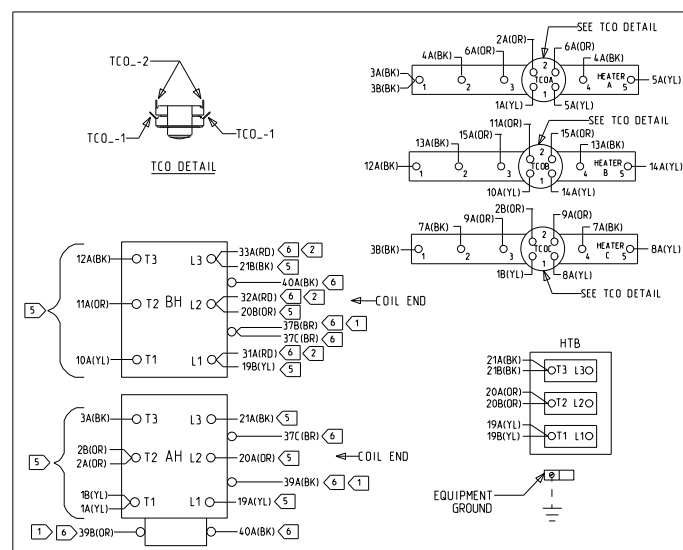
UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	RD	RED
BL	BLUE	WH	WHITE
BR	BROWN	YL	YELLOW
OR	ORANGE		

MODEL NO.	ELECTRICAL RATING		
	VOLTS	KW	AMPS
BAYHTRL425A	480	24.92	30
BAYHTRLW25A	600	24.92	24

DEVICE	DESCRIPTION	LINE
AH	CONTACTOR, HEATER	1, 3, 5, 20, 2
BH	CONTACTOR, HEATER	12, 14, 16, 20
CN	CONNECTOR, WIRE	17-19
F	INDOOR FAN CONTACTOR	28
HTR	HEATER RACK	1-16
LTB2	LOW VOLTAGE TERM BLOCK	24-26
TCO	TEMP CUTOUT	1-16
HTB	HIGH VOLTAGE TERM BLOCK	6-12



NOTES:

1. FIELD CONNECT CONTROL LEADS AS SHOWN:
39A1K1-TB2 W1 (FIRST STAGE HEAT)
39B1R1-TB2 W2 (SECOND STAGE HEAT)
37B1B1-TB2 J (HEATER/FAN INTERLOCK)
2. WHEN USING SINGLE POINT POWER ENTRY THROUGH ELECTRIC HEAT CONTROL BOX, REMOVE CONNECTORS (CN-1, CN-2, CN-3) FROM END OF THE WIRES (39A1R1, 32A1R1, 33A1R1) 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.
3. BUSHING IS PROVIDED WITH HEATER.
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.
5. WIRES TERMINATE AT BOX LUG.
6. WIRES TERMINATE AT QUICK CONNECT.
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 LINE NUMBER. A DASHED NUMBER INDICATES A NORMALLY CLOSED CONTACT.

PRINTED FROM 4367_0375 REV D