UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCE:
.X =± 0.1
.XX =± 0.03
.XXX =± 0.005
ANGLES =± 2.0 ° HOLE DIA = +/-
CONFORMS TO ASME Y14.5M-1994.

FINISH ✓

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

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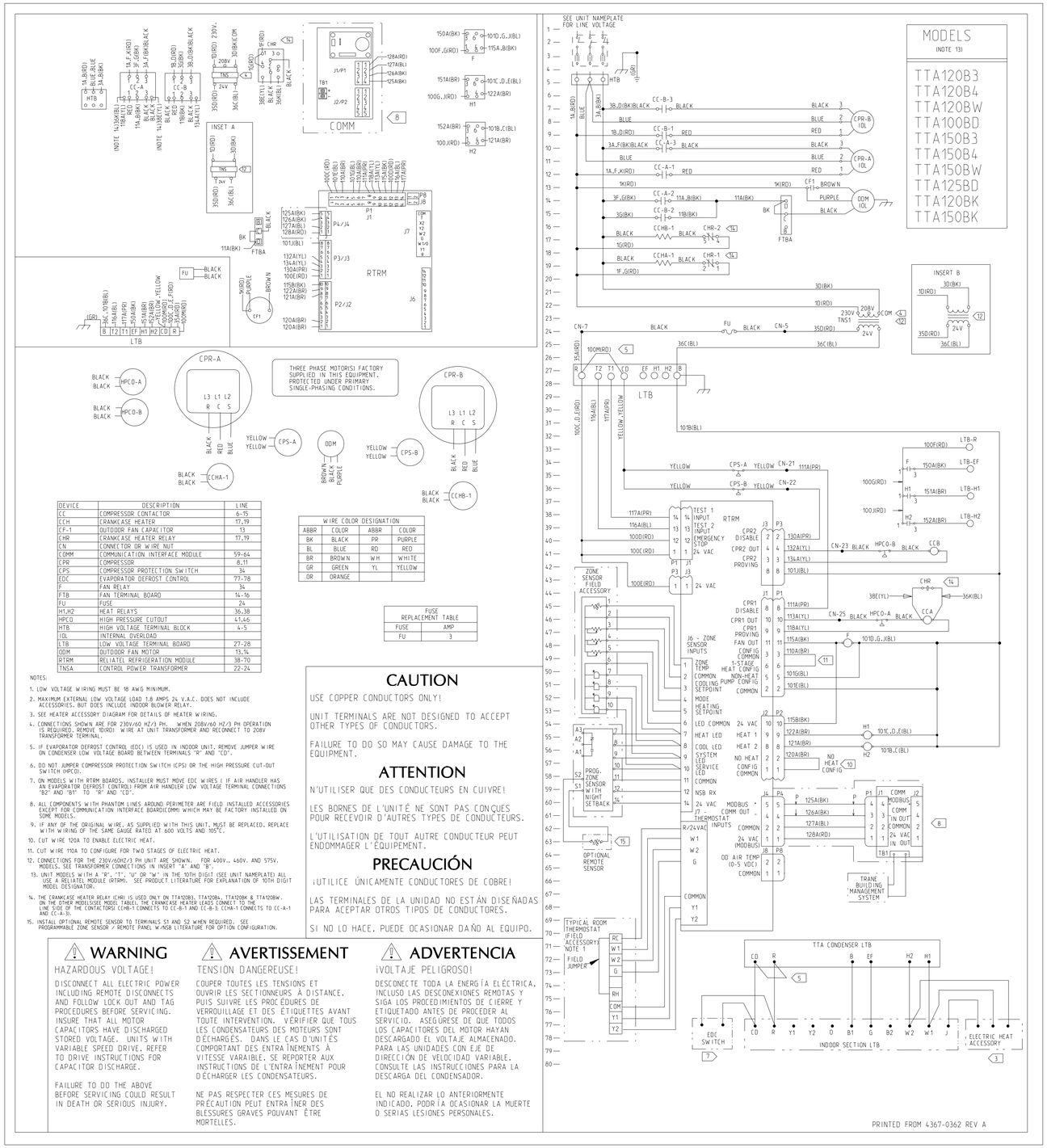
DRAWN BY: J.EATON © DATE: 27 APR 06

4367-0362 SHEET 1 OF 1 REV A

DIAGRAM-WIRING



DEVICE	DESCRIPTION	LINE
CC	COMPRESSOR CONTACTOR	6-15
CCH	CRANKCASE HEATER	17,19
CF-1	OUTDOOR FAN CAPACITOR	13
CHR	CRANKCASE HEATER RELAY	17,19
CN	CONNECTOR OR WIRE NUT	
COMM	COMMUNICATION INTERFACE MODULE	59-64
CPR	COMPRESSOR	8,11
CPS	COMPRESSOR PROTECTION SWITCH	34
EDC	EVAPORATOR DEFROST CONTROL	77-78
F	FAN RELAY	34
FTB	FAN TERMINAL BOARD	14-16
FU	FUSE	24
H1,H2	HEAT RELAYS	36,38
HPCO	HIGH PRESSURE CUTOUT	41,46
HTB	HIGH VOLTAGE TERMINAL BLOCK	4-5
IOL	INTERNAL OVERLOAD	
LTB	LOW VOLTAGE TERMINAL BOARD	27-28
ODM	OUTDOOR FAN MOTOR	13,14
RTRM	RELIATEL REFRIGERATION MODULE	38-70
TNSA	CONTROL POWER TRANSFORMER	22-24

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

FUSE REPLACEMENT TABLE	
FUSE	AMP
FU	3

NOTES:

1. LOW VOLTAGE WIRING MUST BE 18 AWG MINIMUM.
2. MAXIMUM EXTERNAL LOW VOLTAGE LOAD 1.8 AMPS 24 V.A.C. DOES NOT INCLUDE ACCESSORIES, BUT DOES INCLUDE INDOOR BLOWER RELAY.
3. SEE HEATER ACCESSORY DIAGRAM FOR DETAILS OF HEATER WIRING.
4. CONNECTIONS SHOWN ARE FOR 230V/60 HZ/3 PH. WHEN 208V/60 HZ/3 PH OPERATION IS REQUIRED, REMOVE 10(RD) WIRE AT UNIT TRANSFORMER AND RECONNECT TO 208V TRANSFORMER TERMINAL.
5. IF EVAPORATOR DEFROST CONTROL (EDC) IS USED IN INDOOR UNIT, REMOVE JUMPER WIRE ON CONDENSER LOW VOLTAGE BOARD BETWEEN TERMINALS "R" AND "CO".
6. DO NOT JUMPER COMPRESSOR PROTECTION SWITCH (CPS) OR THE HIGH PRESSURE CUT-OUT SWITCH (HPCO).
7. ON MODELS WITH RTRM BOARDS, INSTALLER MUST MOVE EDC WIRES (IF AIR HANDLER HAS AN EVAPORATOR DEFROST CONTROL) FROM AIR HANDLER LOW VOLTAGE TERMINAL CONNECTIONS "B2" AND "B1" TO "R" AND "CO".
8. ALL COMPONENTS WITH PHANTOM LINES AROUND PERIMETER ARE FIELD INSTALLED ACCESSORIES EXCEPT FOR COMMUNICATION INTERFACE BOARD(COMM) WHICH MAY BE FACTORY INSTALLED ON SOME MODELS.
9. IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE WITH WIRING OF THE SAME GAUGE RATED AT 600 VOLTS AND 105°C.
10. CUT WIRE 120A TO ENABLE ELECTRIC HEAT.
11. CUT WIRE 110A TO CONFIGURE FOR TWO STAGES OF ELECTRIC HEAT.
12. CONNECTIONS FOR THE 230V/60HZ/3 PH UNIT ARE SHOWN. FOR 400V., 460V. AND 575V. MODELS, SEE TRANSFORMER CONNECTIONS IN INSERT "A" AND "B".
13. UNIT MODELS WITH A "R", "T", "U" OR "W" IN THE 10TH DIGIT (SEE UNIT NAMEPLATE) ALL USE A RELIATEL MODULE (RTRM). SEE PRODUCT LITERATURE FOR EXPLANATION OF 10TH DIGIT MODEL DESIGNATOR.
14. THE CRANKCASE HEATER RELAY (CHR) IS USED ONLY ON TTA120B3, TTA120B4, TTA120BK & TTA120BW. ON THE OTHER MODELS(SEE MODEL TABLE), THE CRANKCASE HEATER LEADS CONNECT TO THE LINE SIDE OF THE CONTACTORS(CCHB-1 CONNECTS TO CC-B-1 AND CCHA-1 CONNECTS TO CC-A-1 AND CC-A-3).
15. INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR / REMOTE PANEL W/NSB LITERATURE FOR OPTION CONFIGURATION.

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.

⚠ WARNING

HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

⚠ AVERTISSEMENT

TENSION DANGEREUSE!

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS À DISTANCE. PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

⚠ ADVERTENCIA

¡VOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

MATERIAL:
FLEXCON WHITE VINYL (2 MIL THICK) WITH PRESSURE SENSITIVE ADHESIVE BACKING AND RELEASE PAPER. ADHESIVE FOR OUTDOOR APPLICATION ON PAINTED OR GALVANIZED METAL.
SIZE: 9-1/2" X 10-1/2"
ALL PRINTING TO BE BLACK.
TRANE CO. TO FURNISH PRINTER WITH ELECTRONIC FILE OF THIS DRAWING. WIRING DIAGRAMS TO BE SUPPLIED AS INDIVIDUAL SHEETS PER SIZE ABOVE.

NAME:LAPCO OBJECT:4367_0362 DATE:20-Dec-06 11:25:26