

**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.

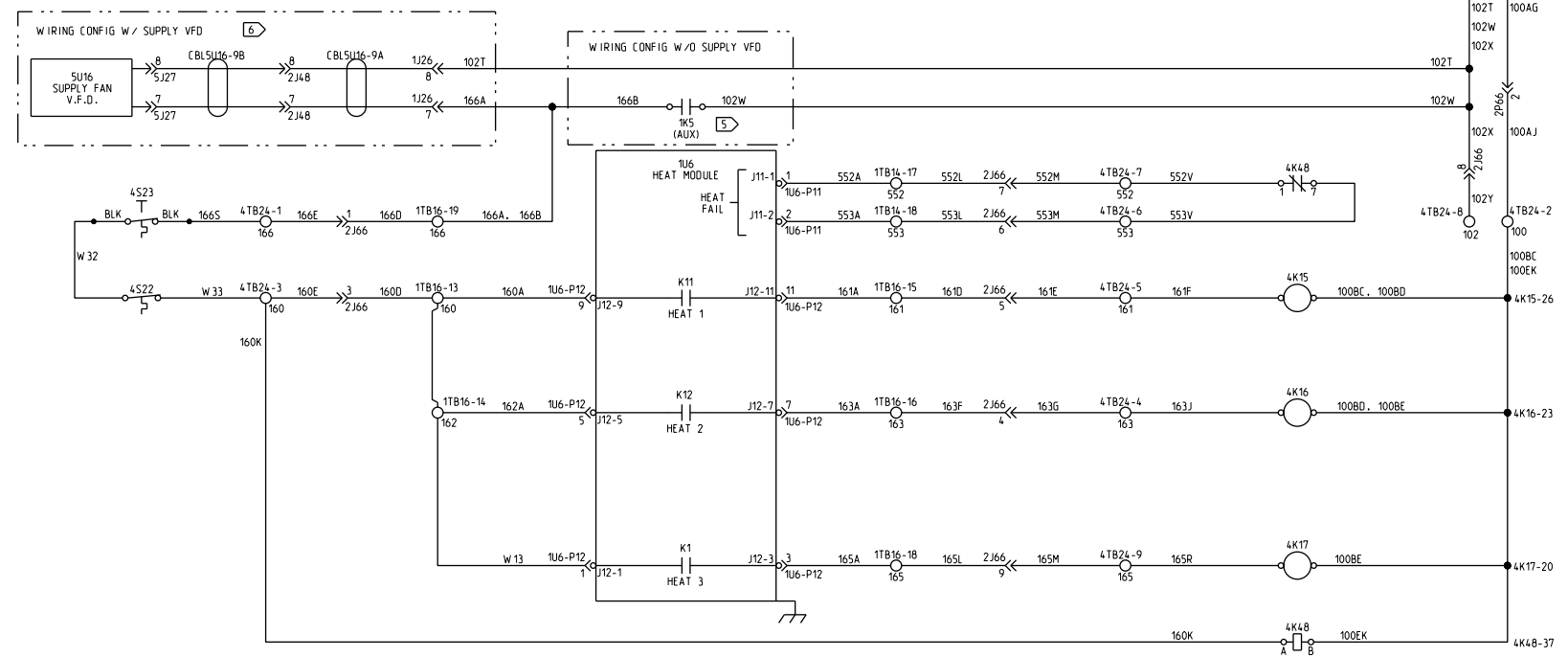
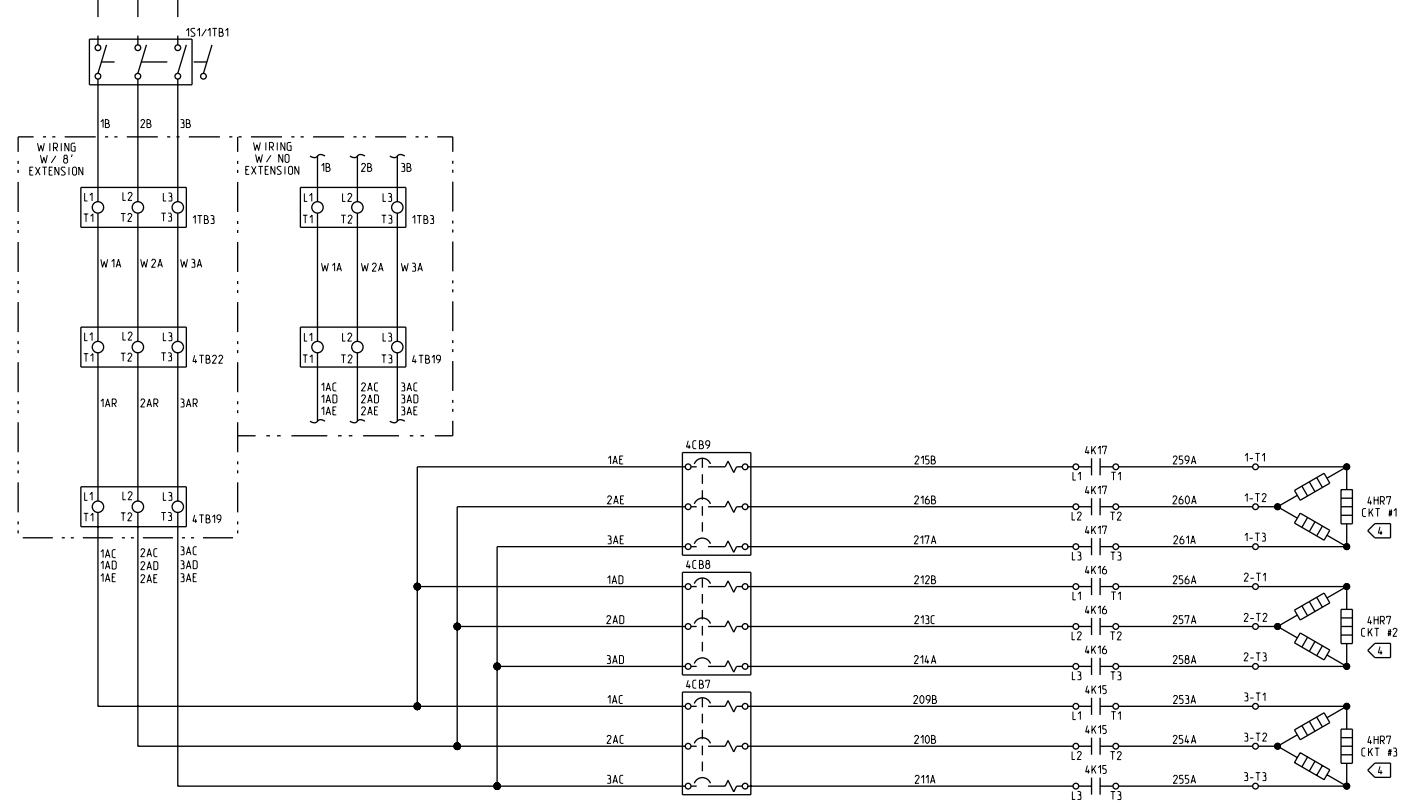
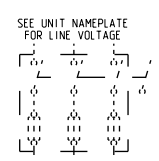
**WARNING**  
HAZARDOUS VOLTAGE!  
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

**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 TOUTS 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.

**ADVERTENCIA**  
¡VOLTAJE PELIGROSO!  
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CERRRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCION 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.

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DEVICE DESIG	DESCRIPTION	LINE NUMBER
1K5	CONTACTOR - SUPPLY FAN AUX	35
1S1/1TB1	UNIT DISCONN/TERM BLOCK	9
1U6	MODULE - HEAT	37
4CB7	CIRCUIT BREAKER	27
4CB8	CIRCUIT BREAKER	24
4CB9	CIRCUIT BREAKER	21
4HR7	HEATER ELEMENT ASSEMBLY	20,23,26
4K15	CONTACTOR - ELECTRIC HEAT	26,27,28,37,40
4K16	CONTACTOR - ELECTRIC HEAT	23,24,25,43
4K17	CONTACTOR - ELECTRIC HEAT	20,21,22,47
4K48	RELAY - HEAT FAIL	37,49
4S22	SW/ITCH - HIGH LIMIT (DISE)	40
4S23	SW/ITCH - HIGH LIMIT (LINEAR)	38
5U16	V.F.D. - SUPPLY FAN	34

AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	INSIDE SECONDARY CONTROL BOX
4	HEAT/EXTENDED CASING SECTION
5	SUPPLY FAN SECTION
6	EVAP SECTION
7	DAMPER/FILTERS SECTION
8	EXHAUST/RETURN FAN SECTION
9	EXTERNAL FIELD MTD DEVICE

REF DES	DESCRIPTION
1TB3	TERM BLOCK - ELECT HT PWR DIST
1TB4, 1TB6	TERM BLOCK - FACTORY
1TB7	TERM BLOCK - 115 VAC
4TB22	TERM BLOCK - EH PWR 2-PC W/ 8' EXT
4TB9	TERM BLOCK - ELECT HEAT POWER
4TB24	TERM BLOCK - ELECT HEAT CONTROLS

- NOTES:
- 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.
  - 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. SOLID LINE INDICATES WIRING BY TRANE CO.
  - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT, AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
- △ HEATING ELEMENTS ARE SHOWN DELTA CONNECTED. ELEMENTS MAY BE WYE CONNECTED.  
 ⑤ 1K5 AND ASSOCIATED WIRING ARE PRESENT ON STANDARD UNITS (WITHOUT SUPPLY VFD) ONLY.  
 ⑥ SEE APPLICABLE VARIABLE FREQUENCY DRIVE SCHEMATIC FOR BALANCE OF CIRCUIT.

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ROOFTOP PACKAGED AIR CONDITIONER  
 SCHEMATIC - ELECTRIC HEAT 2PC  
 90KW - 460V/60HZ AND 575V/60HZ