

NOTES:

1. 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.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. SOLID LINES INDICATE WIRING BY TRANE CO.
3. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS.
4. SEE ELECTRIC HEAT PAGE FOR ADDITIONAL ELECTRIC HEATER WIRING.
5. FIELD POWER SUPPLY CONDUCTORS MUST HAVE MINIMUM 90C INSULATION.
6. USE COPPER CONDUCTORS ONLY.

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
SIZE 750, 1000 WITH ELECTRIC HEAT		
3B1	FAN MOTOR	33
1T1	TRANSFORMER	38
2T2	TRANSFORMER	38
7S3	HI TEMP CUTOFF (AUTO RESET)	38
7K1	ELECTRIC HEAT CONTACTOR	41
7S4	HI TEMP CUTOFF (SINGLE OPERATION)	38
SIZE 1250, 1500 WITH ELECTRIC HEAT		
3B2	FAN MOTOR	54
3B1	FAN MOTOR	59
1T1	TRANSFORMER	62
2T2	TRANSFORMER	62
7S3	HI TEMP CUTOFF (AUTO RESET)	63
7K1	ELECTRIC HEAT CONTACTOR	66
7S4	HI TEMP CUTOFF (SINGLE OPERATION)	63

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	LH CONTROL PANEL
2	LH END POCKET
3	AIR SECTION
4	RH END POCKET
5	TOP ACCESS PANEL
6	FIELD INSTALLED
7	RH CONTROL BOX E-HT

VOLTAGE SELECTION		
DIGIT	DIGIT VALUE	DESCRIPTION
DG08	0	115/60/1
DG08	1	208/60/1
DG08	2	230/60/1
DG08	3	208/60/3
DG08	4	460/60/3
DG08	7	277/60/1
DG08	8	230/60/3
DG08	S	SPECIAL VOLTAGE

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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.

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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.

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ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO 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.

NOTICE

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO THE ABOVE COULD RESULT IN EQUIPMENT DAMAGE.

AVIS

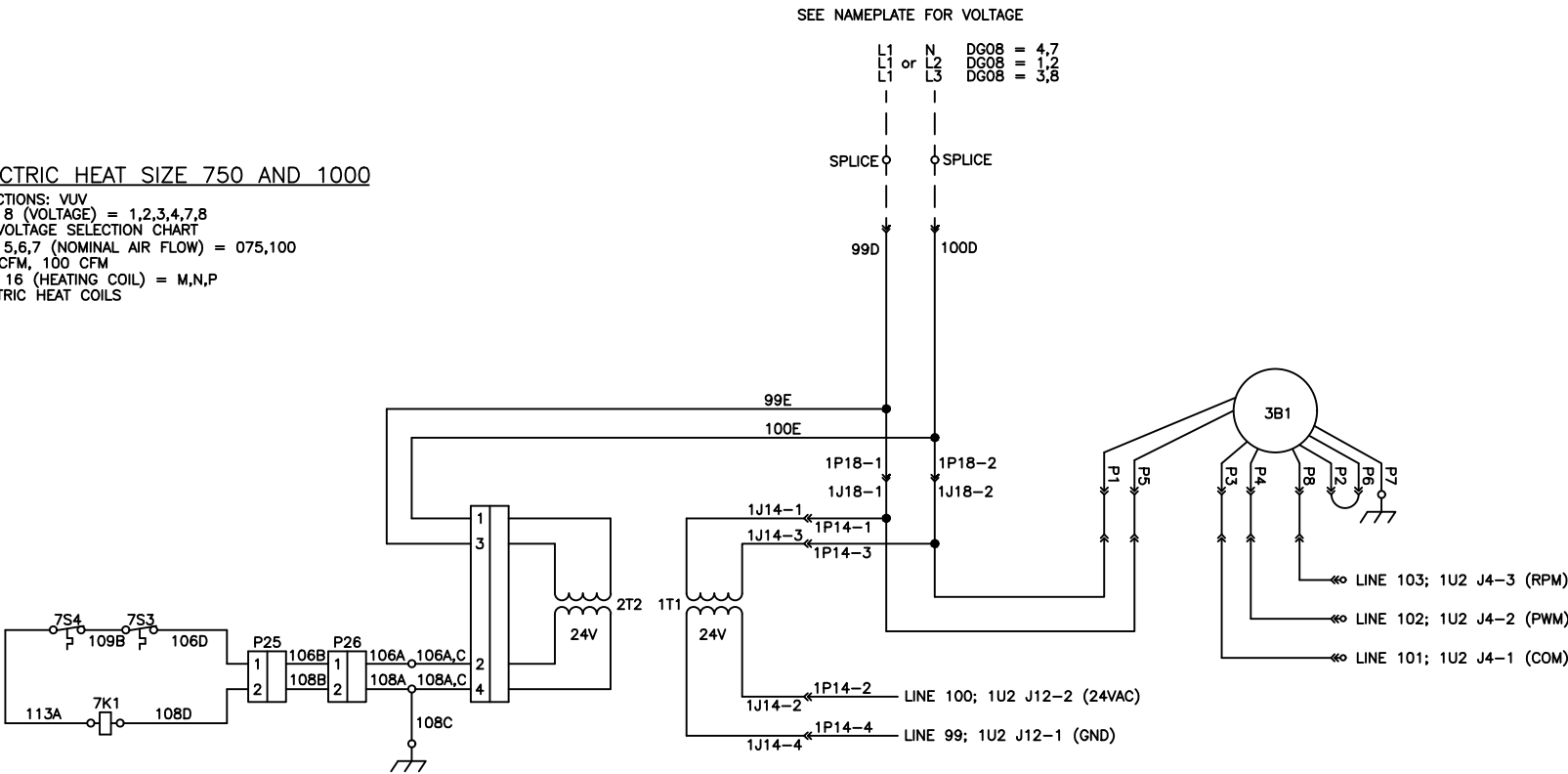
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
FAIRE DÉFAUT À LA PROCÉDURE CI-DESSUS PEUT ENTRAÎNER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
NO SEGUIR LAS INSTRUCCIONES ANTERIORES PUEDE PROVOCAR DAÑOS EN EL EQUIPO.

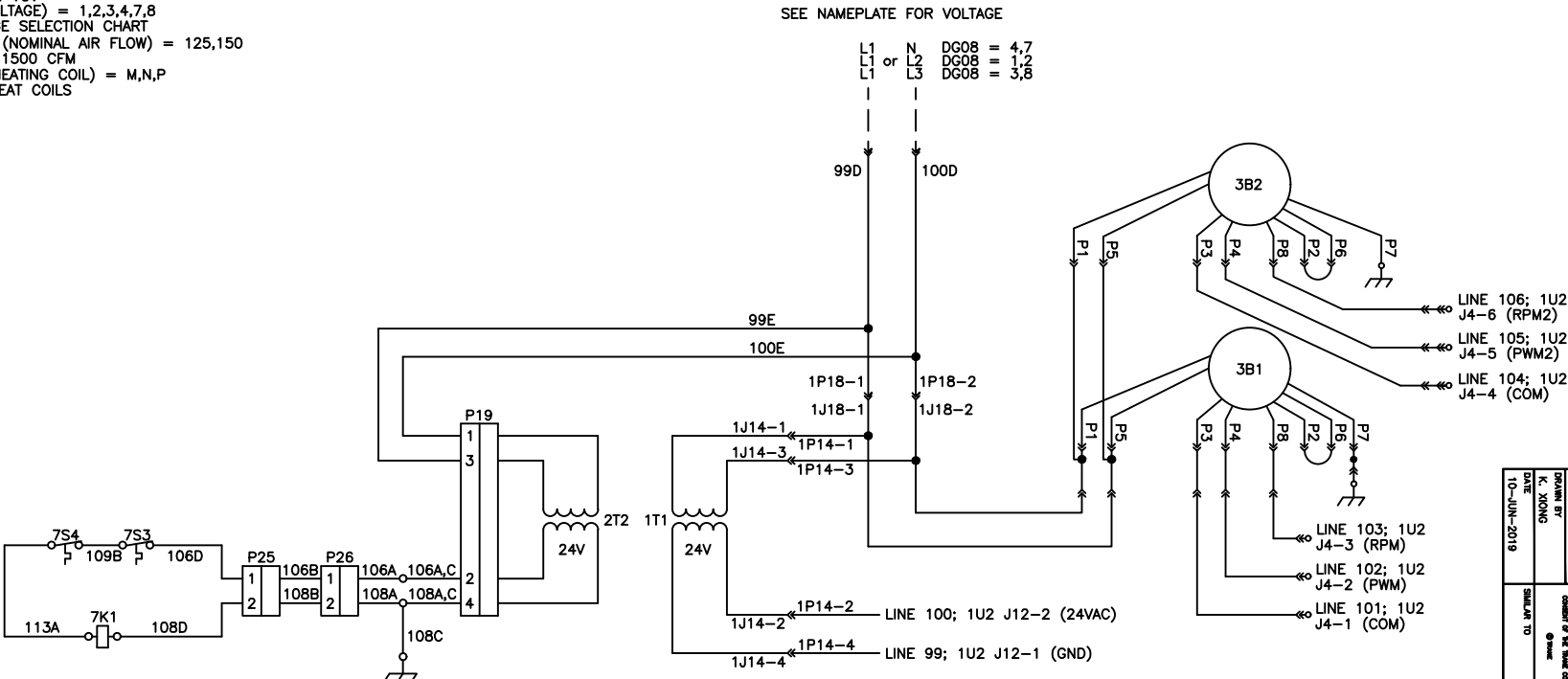
ELECTRIC HEAT SIZE 750 AND 1000

SELECTIONS: VUV
DIGIT 8 (VOLTAGE) = 1,2,3,4,7,8
SEE VOLTAGE SELECTION CHART
DIGIT 5,6,7 (NOMINAL AIR FLOW) = 075,100
750 CFM, 100 CFM
DIGIT 16 (HEATING COIL) = M,N,P
ELECTRIC HEAT COILS



ELECTRIC HEAT SIZE 1250 AND 1500

SELECTIONS: VUV
DIGIT 8 (VOLTAGE) = 1,2,3,4,7,8
SEE VOLTAGE SELECTION CHART
DIGIT 5,6,7 (NOMINAL AIR FLOW) = 125,150
1250 CFM, 1500 CFM
DIGIT 16 (HEATING COIL) = M,N,P
ELECTRIC HEAT COILS



REV	DATE	DESCRIPTION	BY	CHKD
1	10-JUN-2019	SCHEMATIC DIAGRAM	K. XONG	
2	10-JUN-2019	SCHEMATIC DIAGRAM	K. XONG	
3	10-JUN-2019	SCHEMATIC DIAGRAM	K. XONG	
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