

**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 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.

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

**ADVERTENCIA**
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS 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.

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
AH,CH	HEATER CONTACTOR (STAGE 1)	106,107
BH,OH	HEATER CONTACTOR (STAGE 2)	108,109
BMS	BUILDING MANAGEMENT SYSTEM	91
CC1,CC2	COMPRESSOR CONTACTOR	64,65
CH1,CH2	CRANKCASE HEATER	23,28
CF1,CF2	OUTDOOR MOTOR CAPACITOR	33,37
CFS	CLOGGED FILTER SWITCH	97
CPR1,CPR2	COMPRESSOR	21,26
EXF	EXHAUST FAN RELAY	99
DT5	DISCHARGE TEMPERATURE SENSOR	91
ECA	ECONOMIZER ACTUATOR	93
FFS	FAN FAILURE SWITCH	100
F	INDOOR FAN CONTACTOR	17,18
RTOM	RELATIEL OPTIONS MODULE	84,146
RTRM	RELATIEL REFRIGERATION MODULE	62,123
COMM	COMMUNICATION MODULE	84
FU1,FU2	IGNITION FUSE	30
FU16	VFD FUSE	13
FU17	VFD FUSE	12
FU18	VFD FUSE	11
FTB	FAN TERMINAL BLOCK	11-13,16-18
FTB2	FAN TERMINAL BLOCK	11,12,13
GTB	GROUND TERMINAL BLOCK	127
HPC1,HPC2	HIGH PRESSURE CONTROL	64,65
HTB1	HI VOLTAGE TERMINAL BLOCK	10
HTB3	HI VOLTAGE TERMINAL BLOCK	12
IDM	INDOOR FAN MOTOR	12,17
LTB	LOW VOLTAGE TERM BLOCK	
LPC1,LPC2	LOW PRESSURE CONTROL	73,75
LPC3	LOW PRESSURE CONTROL	73
OAS	OUTDOOR AIR SENSOR	71
OHS	OUTDOOR HUMIDITY SENSOR	99
ODM1,ODM2	OUTDOOR FAN MOTOR	33,37
ODF1,ODF2	OUTDOOR FAN RELAY	34,38,70,72
PHM	PHASE MONITOR	13
RAS	RETURN AIR SENSOR	95
RHS	RETURN HUMIDITY SENSOR	97
RHT	RETURN HIGH TEMPERATURE	67
RHV	REHEAT VALVE	72
RMP	REMOTE MINIMUM POSITION	97
SAS	SUPPLY AIR SENSOR	91
SHS	SPACE HUMIDITY SENSOR	82
SHT	SUPPLY HIGH TEMPERATURE	67
TC1	TRANE COMMUNICATION INTERFACE	84
TIOR	TIMED OVERRIDE	64,71
TNS1	CONTROL POWER TRANSFORMER	58
TDL1	THERMOSTAT DISCHARGE LINE CKT 1	64
TDL2	THERMOSTAT DISCHARGE LINE CKT 2	65
VFD	VARIABLE FREQUENCY DRIVE	11,138
VRR	VFD RUN RELAY	126,143
VSR	VFD SPEED RELAY	132,139
ZSM	ZONE SENSOR MODULE	80
PPF6,PPM6	ECONOMIZER PLUG	93-96
PPF7,PPM7	ELECTRIC HEAT PLUG	77-82
PPF8,PPM8	COMMUNICATIONS PLUG	85-88
PPF26,PPM26	VFD RUN TEST PLUG	138
PPF27,PPM27	VFD LOW VOLTAGE PLUG	138-147

- 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. ALL THERMISTORS ARE 10K AT 25°C (77°F).
 - 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.
 - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
 - THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
 - CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH. WHEN 208V/60HZ/3PH UNIT OPERATION IS REQUIRED, REMOVE WIRES 120(BL) FROM 230V TERMINAL ON TNS1 AND CONNECT TO 208V TERMINAL ON TNS1.
 - SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT WHEN OPTIONAL ELECTRIC HEAT IS REQUIRED.
 - WIRING SHOWN IS FOR UNITS WITH STANDARD INDOOR FAN DRIVES. WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE INSET A.

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	TN	TAN

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.

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