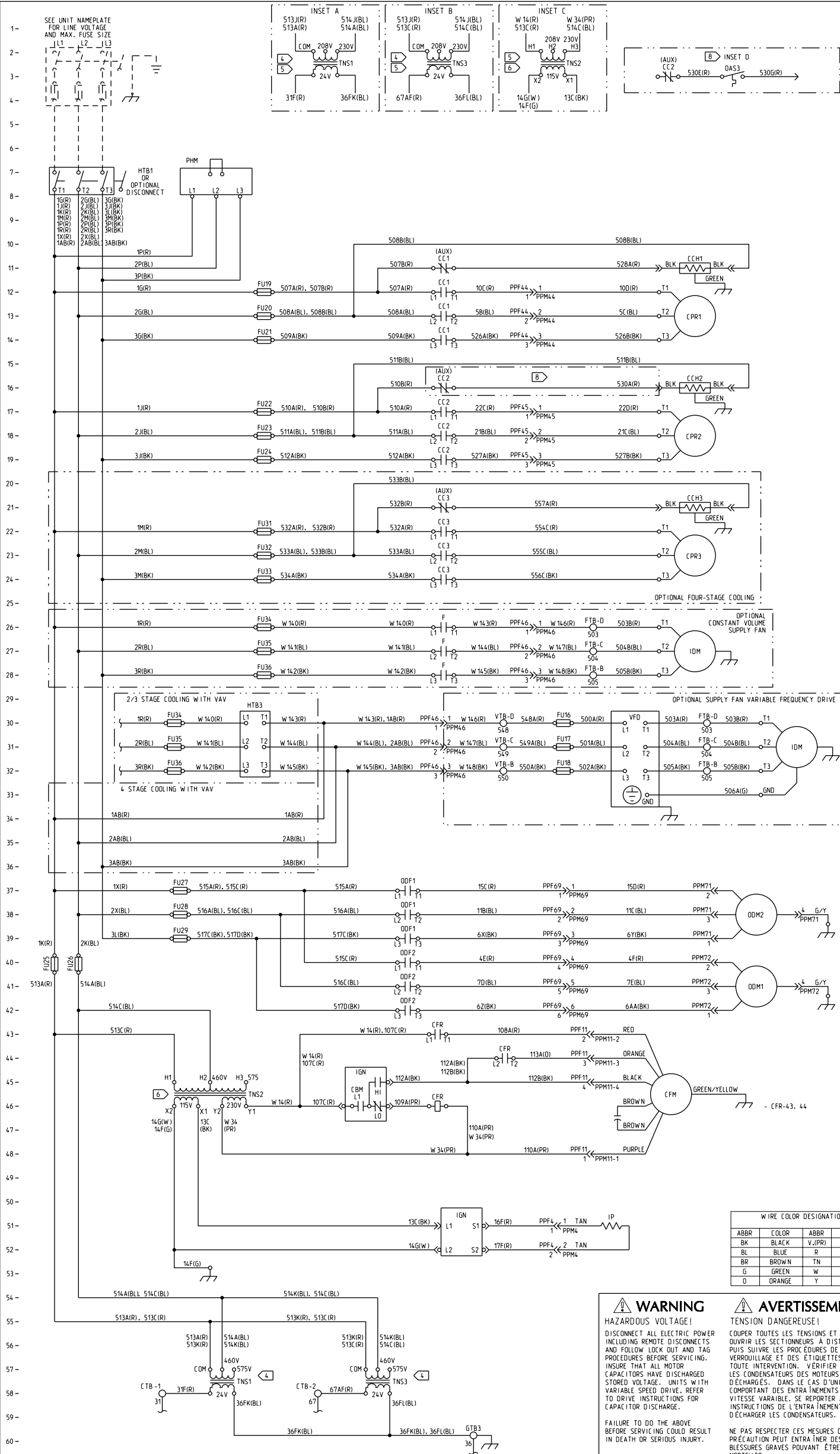




LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
CC1	CONTACTOR - COMPRESSOR	11, 12, 13, 14
CC2	CONTACTOR - COMPRESSOR	16, 17, 18, 19
CC3	CONTACTOR - COMPRESSOR	21, 22, 23, 24
CH1	HEATER - CRANKCASE	11
CH2	HEATER - CRANKCASE	16
CH3	HEATER - CRANKCASE	21
CFM	COMBUSTION FAN MOTOR	45, 47
CFR	COMBUSTION FAN RELAY	43, 44, 46
CPR1	COMPRESSOR	12
CPR2	COMPRESSOR	17
CPR3	COMPRESSOR	22
F	CONTACTOR - INDOOR FAN	26, 27, 28
F06	FUSE - VFD	30
F07	FUSE - VFD	31
F08	FUSE - VFD	32
F09	FUSE - COMPRESSOR #1	12
F20	FUSE - COMPRESSOR #1	13
F21	FUSE - COMPRESSOR #1	16
F22	FUSE - COMPRESSOR #2	17
F23	FUSE - COMPRESSOR #2	18
F24	FUSE - COMPRESSOR #2	19
F25	FUSE - SINGLE PHASE FEEDER	40
F26	FUSE - SINGLE PHASE FEEDER	40
F27	FUSE - OUTDOOR FAN MOTORS	37
F28	FUSE - OUTDOOR FAN MOTORS	38
F29	FUSE - SINGLE PHASE FEEDER	39
F31	FUSE - COMPRESSOR #3	22
F32	FUSE - COMPRESSOR #3	23
F33	FUSE - COMPRESSOR #3	24
F34	FUSE - INDOOR FAN MOTOR	26, 30
F35	FUSE - INDOOR FAN MOTOR	27, 31
F36	FUSE - INDOOR FAN MOTOR	28, 32
HTB1	MANUAL DISCONNECT/TERM BLOCK	7
HTB3	TERMINAL BLOCK - SUPPLY FAN VFD	30
IDM	MOTOR - INDOOR	26, 30
IGN	IGNITION MODULE	44, 46, 51
IP	IGNITION PROBE	51
OAS3	OUTDOOR AIR TEMP SWITCH	3
ODF1	CONTACTOR - OUTDOOR FAN	37, 38, 39
ODF2	CONTACTOR - OUTDOOR FAN	40, 41, 42
ODM1	MOTOR - OUTDOOR FAN	41
ODM2	MOTOR - OUTDOOR FAN	38
PHM	MODULE - PHASE MONITOR	8
TNS1	TRANSFORMER - CONTROLS POWER	57
TNS2	TRANSFORMER - IGNITION	45
TNS3	TRANSFORMER - CONTROLS POWER	57
VFD	VARIABLE FREQUENCY DRIVE - IDM	30
VTB	TERMINAL BLOCK - VFD POWER	30, 31, 32

- 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. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 3. NUMBERS ALONG THE RIGHT SIDE MARGIN OF THE SCHEMATIC DESIGNATE, BY LINE NUMBER, THE LOCATION OF CONTACTS ENERGIZED BY COIL. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT, AN OPEN ARROWHEAD POINTING UPWARD BELOW THE LINE NUMBER INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
4. WIRING SHOWN IS FOR 460V UNITS. FOR 575V, MOVE ALL WIRES FROM THE 460V TERMINAL TO THE 575V TERMINAL ON TNS1 AND TNS3. FOR 230V WIRING, SEE INSET A AND B.
5. WIRING SHOWN IS FOR 230V UNITS. FOR 208V, MOVE ALL WIRES FROM THE 230V TERMINAL TO THE 208V TERMINAL.
6. WIRING SHOWN IS FOR 460V UNITS. FOR 575V, MOVE ALL WIRES FROM THE 460V TERMINAL TO THE 575V TERMINAL ON TNS2. FOR 230V WIRING, SEE INSET C.
8. FOR HIGH EFFICIENCY UNITS, WIRE AS SHOWN. FOR STANDARD EFFICIENCY UNITS, SEE INSET D.

CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO
ACCEPT OTHER TYPES OF CONDUCTORS.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS
CONÇUES POUR RECEVOIR D'AUTRES TYPS
DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR
PEUT ENDOMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE
COBRE!

LAS TERMINALES DE LA UNIDAD NO EST
DISEÑADAS PARA ACEPTAR OTROS TIPO
CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO
EQUIPO.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	V.(PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
O	ORANGE	Y	YELLOW

⚠ 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 TOUT
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 DESCONECCIONES REMOTAS 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.

[illegible]