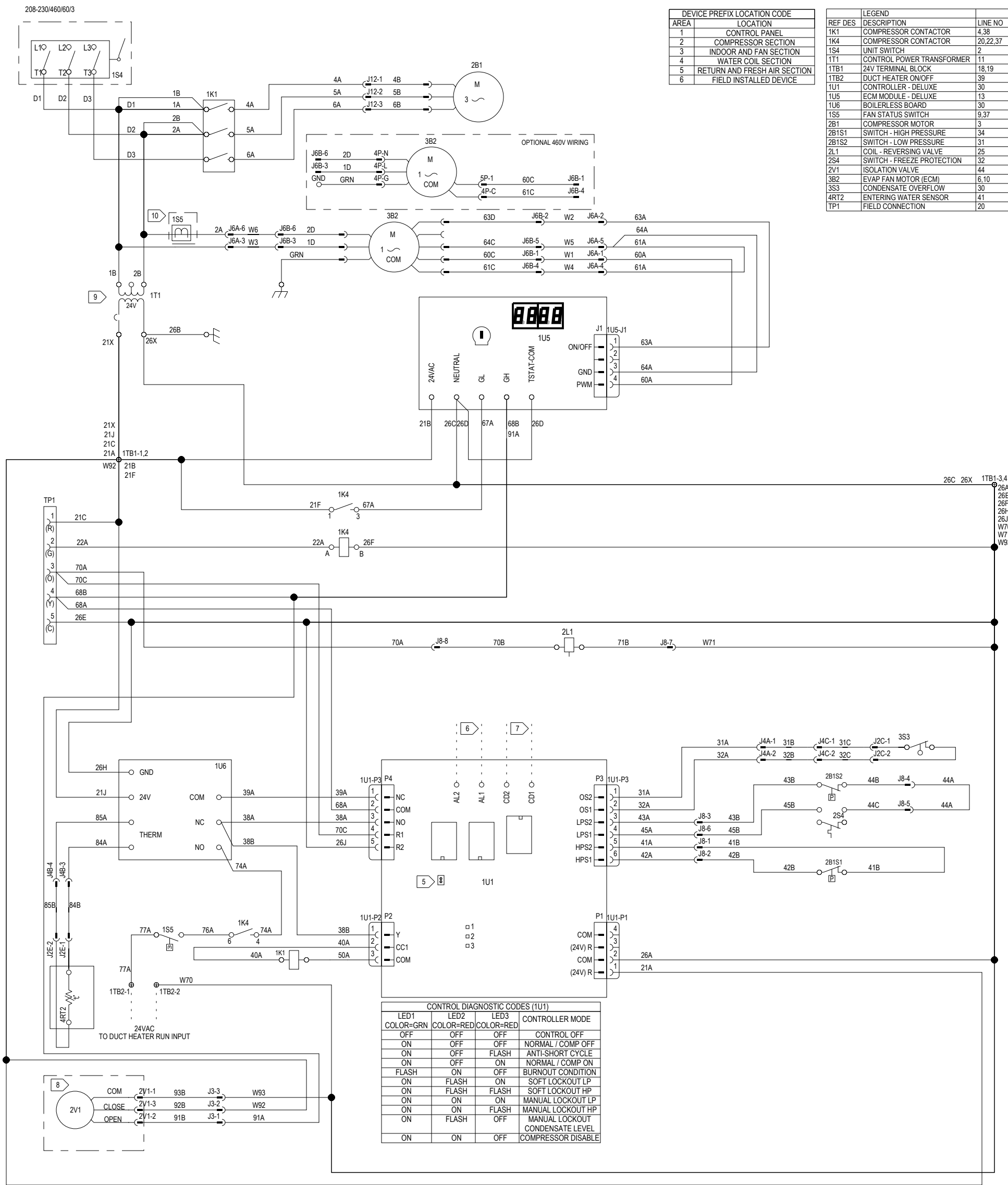




DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL
2	COMPRESSOR SECTION
3	INDOOR AND FAN SECTION
4	WATER COIL SECTION
5	RETURN AND FRESH AIR SECTION
6	FIELD INSTALLED DEVICE

REF DES	LEGEND	LINE NO
1K1	COMPRESSOR CONTACTOR	4,38
1K4	COMPRESSOR CONTACTOR	20,22,37
1S4	UNIT SWITCH	2
1T1	CONTROL POWER TRANSFORMER	11
1TB1	24V TERMINAL BLOCK	18,19
1TB2	DUCT HEATER ON/OFF	39
1U1	CONTROLLER - DELUXE	13
1U5	ECM MODULE - DELUXE	30
1U6	BOILERLESS BOARD	30
1S5	FAN STATUS SWITCH	9,37
2B1	COMPRESSOR MOTOR	3
2B1S1	SWITCH - HIGH PRESSURE	34
2B1S2	SWITCH - LOW PRESSURE	31
2L1	COIL - REVERSING VALVE	25
2S4	SWITCH - FREEZE PROTECTION	32
2V1	ISOLATION VALVE	44
3B2	EVAP FAN MOTOR (ECM)	6,10
3S3	CONDENSATE OVFLOW	30
4RT2	ENTERING WATER SENSOR	41
TP1	FIELD CONNECTION	20

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 OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROW BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

4. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS. ALL LOW VOLTAGE FIELD CONNECTIONS ARE CLASS 2.

5 > VERIFY TEST JUMPER IS NOT CONNECTED/REMOVED TO PREVENT CONTROL TIMING ERRORS.

6 ISOLATED GENERAL ALARM CONTACTS. CONTACTS CLOSE WHEN CONTROL 1U1 GOES INTO MANUAL LOCKOUT MODE. CONTACTS RATED FOR CLASS 2 24V.

7 CONNECTION FOR 24VAC CLASS 2 COMPRESSOR DISABLE INPUT.

8 FOR TWO WIRE VALVES CONNECT TO WIRES 91B AND 93B.
FOR FIELD INSTALLED VALVE WIRES 91B, 92B, AND 93B ARE COILED BEHIND CONTROL BOX

9 FOR 208/230V UNITS TRANSFORMER IS FACTORY WIRED FOR 230V. FOR 208V APPLICATION MOVE PRIMARY WIRE FROM THE 230V TAB TO THE 208V TAB.

10 > WIRE 2A MUST PASS THROUGH DEVICE CENTER 2 TIMES FOR PROPER OPERATION

⚠ WARNING ⚠ AVERTISSEMENT ⚠ ADVERTENCIA
HAZARDOUS VOLTAGE! TENSION DANGEREUSE! ¡VOLTAJE PELIGROSO!

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.

COUPER TOUTES LES TENSIONS ET
OUVRIR LES SECTIONNEURS A DISTANCE
PUIS SUIVRE LES PROCEDURES DE
VERROUILLAGE ET DES ÉTIQUETTES AVANT
TOUTE INTERVENTION. VÉRIFIER QUE TOUTES
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
MORTELLS.

DESCONECTE TODA LA ENERGÍA ELÉCTRICA INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE 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.

DESIGNER:	SULTHAN MOHIDDIN
ENGINEER:	M COOMBS
TRANE @ DATE:	01-FEB-2024
REPLACES:	
SIMILAR TO:	
REVISION DATE:	14-FEB-2025
REVISED BY:	SULTHAN MOHIDDIN
APPROVED BY:	M COOMBS
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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WSHP
SCHEMATIC DIAGRAM
DLX HP BLRLS EH, FS 3PH
GE/EX

MASTER NUMBER:

DRAWING NUMBER:

SHEET:

RFV

23116506

1 OF 1

B