

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 LINES ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINES INDICATE CONTROL OPTION. PHANTOM LINES ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE.
- 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.
- ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE, AND LOCAL REQUIREMENTS. OTHER COUNTRIES APPLICABLE NATIONAL AND/OR LOCAL REQUIREMENTS SHALL APPLY. FIELD CONDUCTORS SHALL HAVE INSULATION RATING NOT LESS THAN 600V COPPER CONDUCTORS ONLY.

- CONNECTIONS ARE INTENDED FOR CLASS 2 ONLY.
- ALL AVAILABLE END DEVICES SHOWN. SEE UNIT CONFIGURATION FOR END DEVICES ON UNIT.
- ALL AVAILABLE ELECTRIC HEAT STAGES OR SCR SHOWN. SEE UNIT CONFIGURATION FOR ELECTRIC HEAT STAGES OR SCR ON UNIT.
- USE INSET A WHEN R32 BEEN USED.

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	MAIN CONTROL PANEL
2	SUPPLY FAN&COIL SECTION
3	ELECTRIC HEAT CONTROL BOX
4	FILTER SECTION
5	MIXING BOX SECTION
6	COIL ACCESS SECTION
7	EXTERNAL PIPING
8	FIELD INSTALLED DEVICE
9	VFD CONTROL PANEL

DEVICE	DESCRIPTION
1W1	ADAPTER BOARD
1B1	MOTOR OVERLOAD
1K3	MOTOR CONTACTOR
2R1	MIXED AIR SENSOR
2R2	DISCHARGE AIR SENSOR
2S1	LOW LIMIT SWITCH
2S2	CONDENSATE OVERFLOW SWITCH
2S3	FAN STATUS SWITCH
2S4	FILTER STATUS SWITCH
2S5	LEAK DETECTION SENSOR (R454B,R32)
5M1	DAMPER ACTUATOR

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.

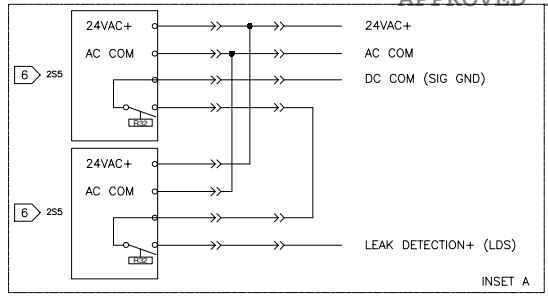
ATTENTION
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITE NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

PRECAUCION
¡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.

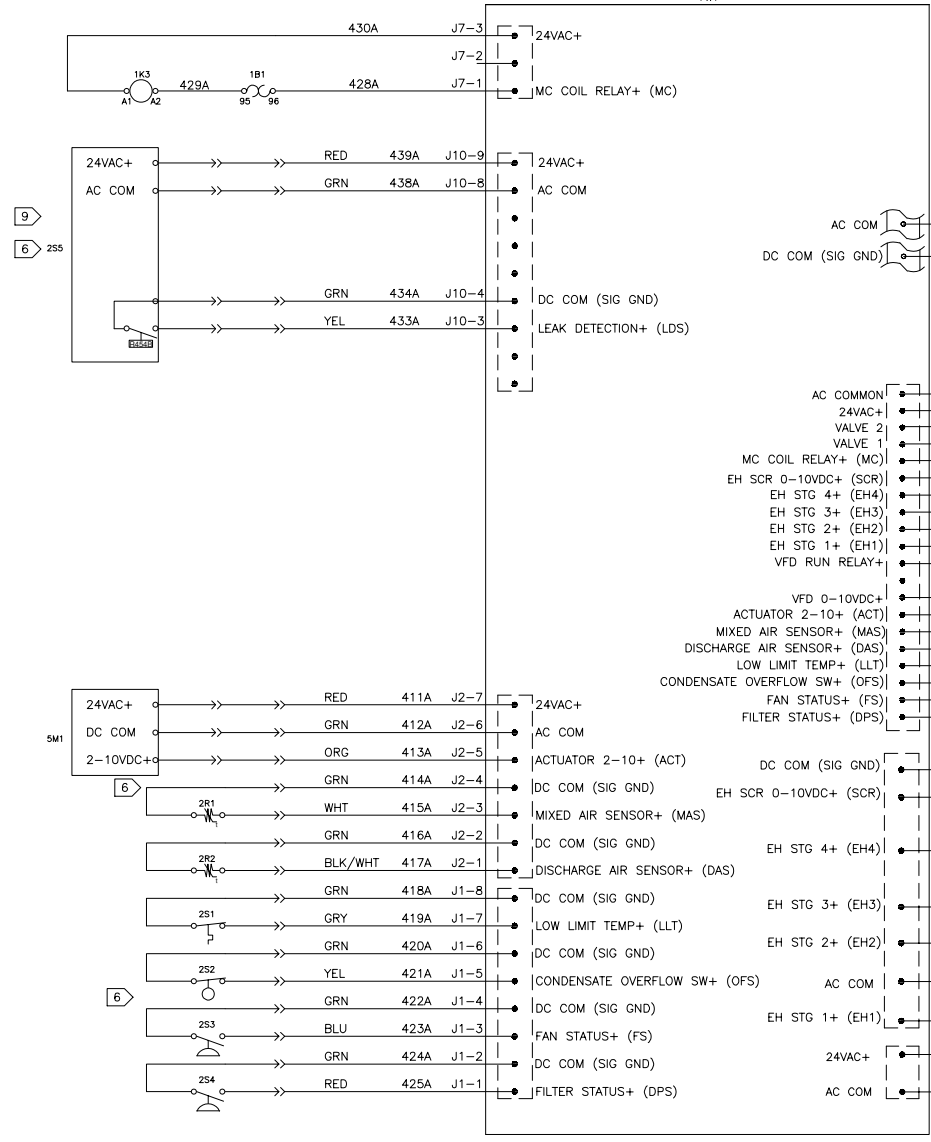
WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

AVERTISSEMENT
TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET OUVRIER LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES 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, 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, PODRÁ OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.



INSET A



- AC COMMON P9-20 PNK GO TO GND PAGE 1
- 24VAC+ P9-19 PNK GO TO 24VAC PAGE 1
- VALVE 2 P9-18 GRN GO TO UI001 PAGE 1
- VALVE 1 P9-17 WHT GO TO A002 PAGE 1
- MC COIL RELAY+ (MC) P9-16 DK BLU GO TO B005 PAGE 1
- EH SCR 0-10VDC+ (SCR) P9-15 GRN GO TO UI002 PAGE 1
- EH STG 4+ (EH4) P9-14 DK BLU GO TO B009 PAGE 1
- EH STG 3+ (EH3) P9-13 DK BLU GO TO B008 PAGE 1
- EH STG 2+ (EH2) P9-12 DK BLU GO TO B007 PAGE 1
- EH STG 1+ (EH1) P9-11 DK BLU GO TO B006 PAGE 1
- VFD RUN RELAY+ P9-10 DK BLU GO TO B005 PAGE 1
- VFD 0-10VDC+ P9-8 WHT GO TO A001 PAGE 1
- ACTUATOR 2-10+ (ACT) P9-7 GRN GO TO UI004 PAGE 1
- MIXED AIR SENSOR+ (MAS) P9-6 YEL GO TO AI02 PAGE 1
- DISCHARGE AIR SENSOR+ (DAS) P9-5 YEL GO TO AI03 PAGE 1
- LOW LIMIT TEMP+ (LLT) P9-4 RED GO TO UI01 PAGE 1
- CONDENSATE OVERFLOW SW+ (OFS) P9-3 LT BLU GO TO BI03 PAGE 1
- FAN STATUS+ (FS) P9-2 LT BLU GO TO BI02 PAGE 1
- FILTER STATUS+ (DPS) P9-1 LT BLU GO TO BI01 PAGE 1

6

7

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 LINES ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINES INDICATE CONTROL OPTION. PHANTOM LINES ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE.
 - 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.
 - ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE, AND LOCAL REQUIREMENTS. OTHER COUNTRIES APPLICABLE NATIONAL AND/OR LOCAL REQUIREMENTS SHALL APPLY. FIELD CONDUCTORS SHALL HAVE INSULATION RATING NOT LESS THAN 600V COPPER CONDUCTORS ONLY.
5. CONNECTIONS ARE INTENDED FOR CLASS 2 ONLY.
6. ALL AVAILABLE END DEVICES SHOWN. SEE UNIT CONFIGURATION FOR END DEVICES ON UNIT.
7. ALL AVAILABLE ELECTRIC HEAT STAGES OR SCR SHOWN. SEE UNIT CONFIGURATION FOR ELECTRIC HEAT STAGES OR SCR ON UNIT.
9. USE INSET A WHEN R32 BEEN USED.

AREA	LOCATION
1	MAIN CONTROL PANEL
2	SUPPLY FAN&COIL SECTION
3	ELECTRIC HEAT CONTROL BOX
4	FILTER SECTION
5	MIXING BOX SECTION
6	COIL ACCESS SECTION
7	EXTERNAL PIPING
8	FIELD INSTALLED DEVICE
9	VFD CONTROL PANEL

DEVICE	DESCRIPTION
1W1	ADAPTER BOARD
1B1	MOTOR OVERLOAD
1K3	MOTOR CONTACTOR
2R1	MIXED AIR SENSOR
2R2	DISCHARGE AIR SENSOR
2S1	LOW LIMIT SWITCH
2S2	CONDENSATE OVERFLOW SWITCH
2S3	FAN STATUS SWITCH
2S4	FILTER STATUS SWITCH
2S5	LEAK DETECTION SENSOR (R454B,R32)
5M1	DAMPER ACTUATOR

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.

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 OUVRIER LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.

ADVERTENCIA
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGIA ELECTRICA, INCLUIDO LOS DESCONECTORES REMOTOS 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, PODRA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.