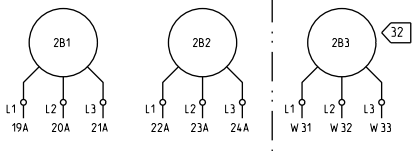
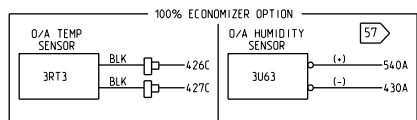


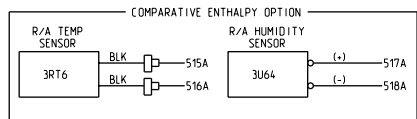
INSET "3A"- COND FAN MOTORS



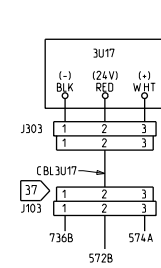
INSET "3K" - OUTDOOR AIR TEMP/HUMIDITY SENSORS



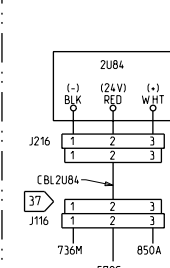
INSET "3L" - RETURN AIR TEMP/HUMIDITY SENSORS



INSET "3S" - IGV OPTION



INSET "3AB" - OPTIONAL LOW AMBIENT DAMPER ACTUATOR

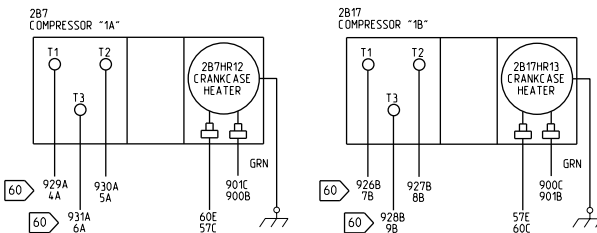


|                                                                                                                                |  |                        |                 |                                            |     |
|--------------------------------------------------------------------------------------------------------------------------------|--|------------------------|-----------------|--------------------------------------------|-----|
| TRANE                                                                                                                          |  | FILE NUMBER:           | DRAWING NUMBER: | SHEET:                                     | REV |
| THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE. |  | 2307-9166              | 2307-9167       | 1 OF 1                                     | D   |
| DRAWN BY: T.DPRIEST                                                                                                            |  | TRANE® DATE: 09/26/08  |                 | ROOFTOP PACKAGED AIR CONDITIONER           |     |
| REPLACES: 2309-3043                                                                                                            |  | REVISION DATE: 11-4-09 |                 | DIAGRAM                                    |     |
| CAD SYSTEM USED: Pro/DETAIL                                                                                                    |  | SIMILAR TO: --         |                 | CONNECTION - RACEWAY DEVICES - AREAS 2-3-4 |     |
|                                                                                                                                |  |                        |                 | RT 20-30 TON - SHEET 3 OF 3                |     |

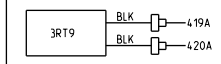
NOTES:

- 32 2B3 AND ASSOCIATED WIRING USED ON 25 & 30 TON UNIT ONLY.
- 37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.
- 52 2S4 IS A LOW PRESSURE CUTOFF SWITCHES USED FOR COMPRESSOR PROTECTION (25 PSIG). CAUTION !! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE.
- 57 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS.
- 60 COMP. "1A" (2B7) & COMP. "1B" (2B17) CONNECTION WIRING - WIRES 929A, 930A, 931A, 60E, 901C & 926B, 927B, 928B, 57E, 900C ARE REQUIRED FOR 20 & 30 TON UNITS. WIRES 4A, 5A, 6A, 57C, 900B & 7B, 8B, 9B, 60C, 901B ARE REQUIRED FOR 25 TON UNITS.

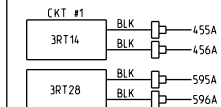
INSET "3B"- COMPRESSORS



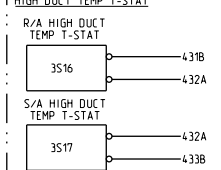
INSET "3M"- SUPPLY AIR TEMP SENSOR



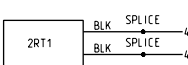
INSET "3N"- EVAPORATOR TEMP SENSORS



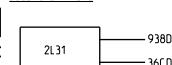
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



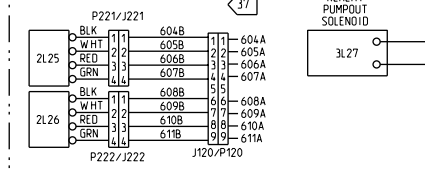
INSET "3C"- SAT COND TEMP SENSOR



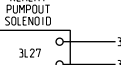
INSET "3AD"- HOT GAS BYPASS SOLENOID VALVE



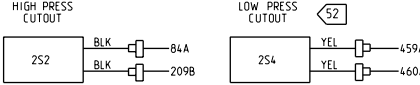
INSET "3H"- HOT GAS REHEAT



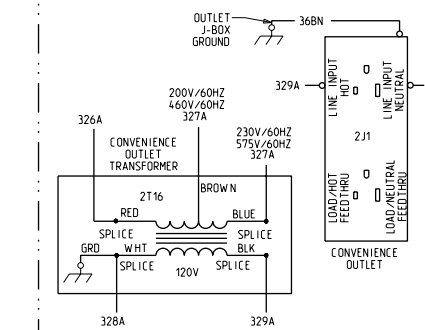
REHEAT PUMP/OUT SOLENOID



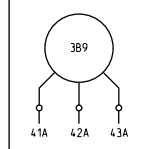
INSET "3D"- HIGH AND LOW PRESSURE CUTOFFS



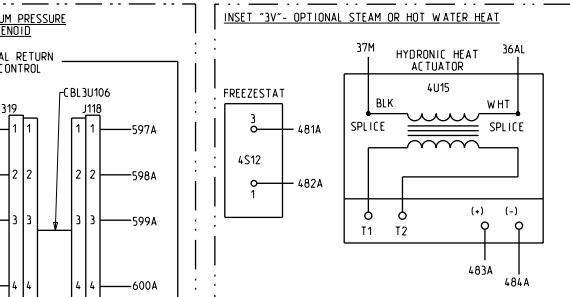
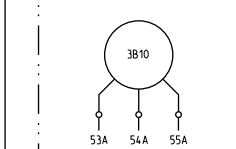
INSET "3Y" - OPTIONAL CONVENIENCE OUTLET



INSET "3F"- SUPPLY AIR FAN MOTOR



INSET "3G"- OPTIONAL EXH/RTN AIR FAN MOTOR



| DEVICE PREFIX LOCATION CODE |                               |
|-----------------------------|-------------------------------|
| AREA                        | LOCATION                      |
| 1                           | INSIDE UNIT CONTROL BOX       |
| 2                           | CONDENSER SECTION             |
| 3                           | AIR HANDLER SECTION           |
| 4                           | HEATING SECTION               |
| 5                           | EXTERNAL FIELD MOUNTED DEVICE |

IMPORTANT!

DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

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'EQUIPEMENT.

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 OUVRIR LES SECTIONNEURS A 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'ÉQUIPEMENT 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 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 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.