

10 X 15 METAL PLATE

TRANE

FILE NUMBER:

2313-0092

DRAWING NUMBER:

2309-3039

SHEET:

2 OF 3

REV

B

ROOFTOP PACKAGED AIR CONDITIONER

CONNECTION WIRING DIAGRAM
UNIT CONTROL MODULE DETAIL
W/SUPPLY FAN VARIABLE FREQUENCY DRIVE
90 - 130 TON S.H.G.

DRAWN BY:
B. SMALLING

TRANE DATE:
07/15/2001

REPLACES:
REVISION DATE:

CAD SYSTEM USED:
SIMILAR TO:
2307-4064

WARNING

HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRIC POWER,
INCLUDING REMOTE DISCONNECTS,
BEFORE SERVICING.

FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR
DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!

DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES DISJONCTEURS
SITUES A DISTANCE AVANT D'EFFECTUER
L'ENTRETIEN.

FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES
CORPORELLES SEVERES OU LA MORT.

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.

NOTES:

21 WIRE NO S 540A & 430A REQUIRED WITH REFERENCE ENTHALPY AND
COMPARATIVE ENTHALPY OPTIONS ONLY.

22 WIRE NO S 510A, 511A, 37R & 226A REQUIRED WITH ALL POWER EXHAUST
OPTIONS ONLY.

23 REFER TO DETAILS "2A", "2B", "2C" AND "2D" FOR CORRECT HEAT MODULE
(U50) CONNECTIONS:
DETAIL "2A" - ELECTRIC HEAT (SEHF - SEHG)
DETAIL "2B" - 2-STAGE NATURAL GAS HEAT (SFHF - SFHG)
DETAIL "2C" - STEAM OR HOT WATER HEAT (SSHF - SLHF)
DETAIL "2D" - MODULATING NATURAL GAS HEAT (SFHF - SFHG)

25 WIRE NO S 577A, 578A, 579A, 582A, 736J, 580A & 581A REQUIRED WITH
100% POWER EXHAUST WITH STATITRAC OPTION ONLY.

26 WIRE NO S 515A, 516A, 517A & 518A REQUIRED WITH COMPARATIVE ENTHALPY
OPTION ONLY.

IMPORTANT!

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

