

NOTES:

1 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL.

3 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS5.

6 FUSE FU5,FU6,FU30,RELAY XFR AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

10 WIRING SHOWN IS FOR OPTIONAL COMMUNICATION INTERFACE. COMMUNICATION WIRES FROM BMS TO TC1/LC1 ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TC1/LC1 LITERATURE FOR SWITCH SETTINGS.

11 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A(RD) AND 401A(BL) ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

12 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

11 X 17 METAL PLATE

TRANE

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DRAWN BY:
D. GOUTAM

TRANE® DATE:
11-30-07

REPLACES:

REVISION DATE:

CAD SYSTEM USED:
PRO-E

SIMILAR TO:
2307-9059

FILE NUMBER:
2309-3485

DRAWING NUMBER:
2309-3490

SHEET:
1 OF 1

REV
A

VOYAGER 3

CONTROL BOX CONNECTION FOR
TE 40 TON 54KW 208-230 VOLT
CONSTANT VOLUME

IMPORTANT!

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

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.

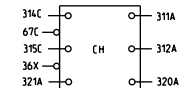
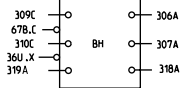
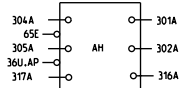
FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES
CORPORELLES SEVERES OU LA MORT.

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.

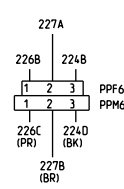
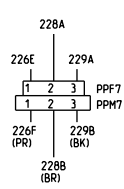
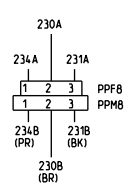
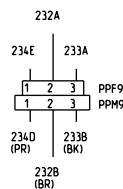
WIRING TO AND FROM HEAT
SUPPLY AND RETURN SECTIONS



RTOM
FOR MODULE DETAIL
SEE SHEET 2

RTRM
FOR MODULE DETAIL
SEE SHEET 2

1 2 3 4 5 6 7 8 9 10 J6



BLACK
FROM HPC1

BLUE
FROM LPC1

RED
FROM HPC2

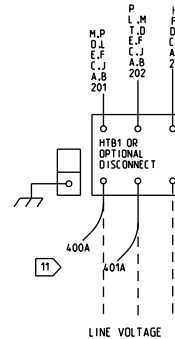
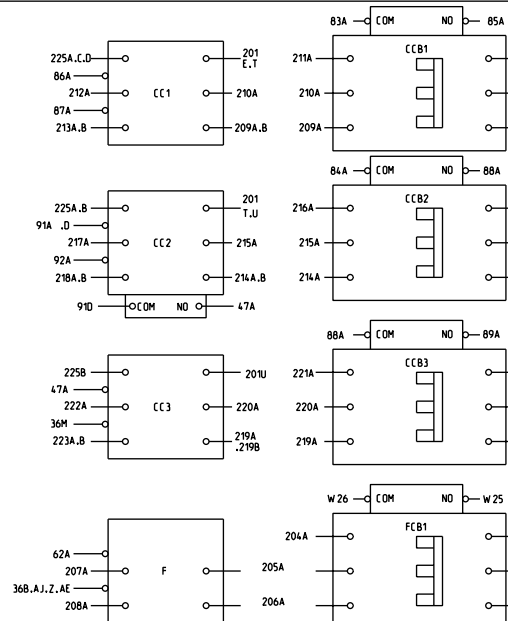
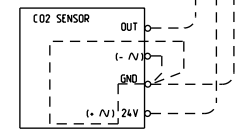
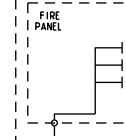
GRAY
FROM LPC2

ZONE SENSOR

WIRING TO COMPRESSORS, CCH'S AND
WTL'S AND WIRING FROM ODM'S,
LPC'S AND HPC'S

WIRING FOR FIELD
INSTALLATION

CUSTOMER POWER
WIRE ENTRY



LT81		
A	93	6
W 6, A	32	5
A	119	4
B	161	3
A	118	2
A	32	1
A	137	TEST 2
A	149	TEST 1

LT84		
W 45, A	56	14
A	55	13
		12
A	58	11
A	59	10
W 45, AR, AC	60	9
B	36	8
	161	7

LT83		
	5	
	4	
	3	
A	153	2
A	134	1