

NOTES:

1. 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.
2. CONNECTIONS SHOWN ARE FOR 230V/575V/60HZ/3PH OR 380V-415V/50HZ/3PH. WHEN 208V/460V/60HZ/3PH OPERATION IS REQUIRED, MOVE WIRES 1C (R) AND 1G (R) FROM 230V TERMINAL OF TNS1 AND TNS2 TO 208V TERMINAL.
3. CAUTION: DO NOT JUMPER ACROSS SWITCHES DTL1, LPC1, AND HPC1 UNDER ANY CIRCUMSTANCES.
4. NOTICE: DO NOT OPERATE OR APPLY POWER TO COMPRESSORS WHILE UNDER A VACUUM. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN COMPRESSOR FAILURE.
5. IF EVAPORATOR DEFROST CONTROL (EDC) IS USED ON INDOOR UNIT, REMOVE JUMPER WIRE W1 (R) BETWEEN TERMINALS "CO" AND "R" ON LTB1.
6. TO ENABLE ELECTRIC HEAT, CUT WIRE 55A (BR) ON P2.
7. TO ENABLE TWO STAGES OF ELECTRIC HEAT, CUT WIRE 49A (BR) ON P1.
8. TO ENABLE COMPRESSOR LEAD/LAG OPERATION, CUT WIRE 68D (BL).
9. FOR LPC AND HPC LEAD COLORS, REFERENCE "LEAD COLOR" TABLE.

TRANE		FILE NUMBER:	DRAWING NUMBER:	SHEET:	REV
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DRAWN BY: K. EDWARDS	TRANE® DATE: 02/11/09	ODYSSEY			
REPLACES:	REVISION DATE: 23-May-12	DIAGRAM			
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO:	CONNECTION - HEAT PUMP CONDENSER			
		15T (ALL VOLTAGES) & 20T 380/460/575V/60HZ / 380-415V/50HZ			

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BL	BLUE	O	ORANGE
BK	BLACK	R	RED
BR	BROWN	V	VIOLET (PURPLE)
G	GREEN	W	WHITE
GY	GRAY (SLATE)	Y	YELLOW

LEAD COLOR	
R-410A	R-22
LPC1, LPC2	BLUE
HPC1, HPC2	ORANGE
	YELLOW
	BLACK

LEGEND	
DEVICE	DESCRIPTION
CC1, CC2	COMPRESSOR CONTACTOR
CCH1, CCH2	CRANKCASE HEATER
CF1, CF2	OUTDOOR FAN CAPACITOR
CHR1, CHR2	CRANKCASE HEATER RELAY
COMM	COMMUNICATIONS INTERFACE MODULE
CPR1, CPR2	COMPRESSOR
CTS1, CTS2	OUTDOOR COIL TEMP SENSOR
DTL1, DTL2	DISCHARGE TEMPERATURE LIMIT
FTB1, FTB2	FAN TERMINAL BLOCK
HPC1, HPC2	HIGH PRESSURE CUTOFF
HTB	HIGH VOLTAGE TERMINAL BLOCK
LPC1, LPC2	LOW PRESSURE CUTOFF
LTB1	LOW VOLTAGE TERMINAL BLOCK
OAS	OUTDOOR AIR SENSOR
ODF1, ODF2	OUTDOOR FAN RELAY
ODM1, ODM2	OUTDOOR FAN MOTOR
PM	PHASE MONITOR
RTRM	RELIATEL REFRIGERATION MODULE
SOV1, SOV2	SWITCHOVER VALVE
TNS1, TNS2	TRANSFORMER - CONDENSER

