

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, DTL2, LPC1, LPC2, HPC1 AND HPC2 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 "CD" AND "R" ON LTBT.
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 |
| THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE. |  |                          | 2313-0430       | 1 OF 1                           | D   |
| DRAWN BY: K. EDWARDS                                                                                                           |  | TRANE® DATE: 03/20/09    |                 | ODYSSEY                          |     |
| REPLACES:                                                                                                                      |  | REVISION DATE: 23-May-12 |                 | DIAGRAM                          |     |
| LEAD SYSTEM USED: PRO/DETAIL                                                                                                   |  | SIMILAR TO:              |                 | CONNECTION - HEAT PUMP CONDENSER |     |
|                                                                                                                                |  |                          |                 | 20T 208V/230V/60HZ/3PH           |     |

| WIRE COLOR DESIGNATION |              |      |                 |
|------------------------|--------------|------|-----------------|
| ABBR                   | COLOR        | ABBR | COLOR           |
| BL                     | BLUE         | D    | 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   | YELLOW |  |
| HPC1,HPC2  | ORANGE | 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 CUTOUT            |
| HTB        | HIGH VOLTAGE TERMINAL BLOCK     |
| LPC1, LPC2 | LOW PRESSURE CUTOUT             |
| LTBT       | LOW VOLTAGE TERMINAL BLOCK      |
| OAS        | OUTDOOR AIR SENSOR              |
| ODF1, ODF2 | OUTDOOR AIR RELAY               |
| ODM1, ODM2 | OUTDOOR FAN MOTOR               |
| PH         | PHASE MONITOR                   |
| RTRM       | RELIATEL REFRIGERATION MODULE   |
| SOV1, SOV2 | SWITCHOVER VALVE                |
| TNS1, TNS2 | TRANSFORMER - CONDENSER         |

