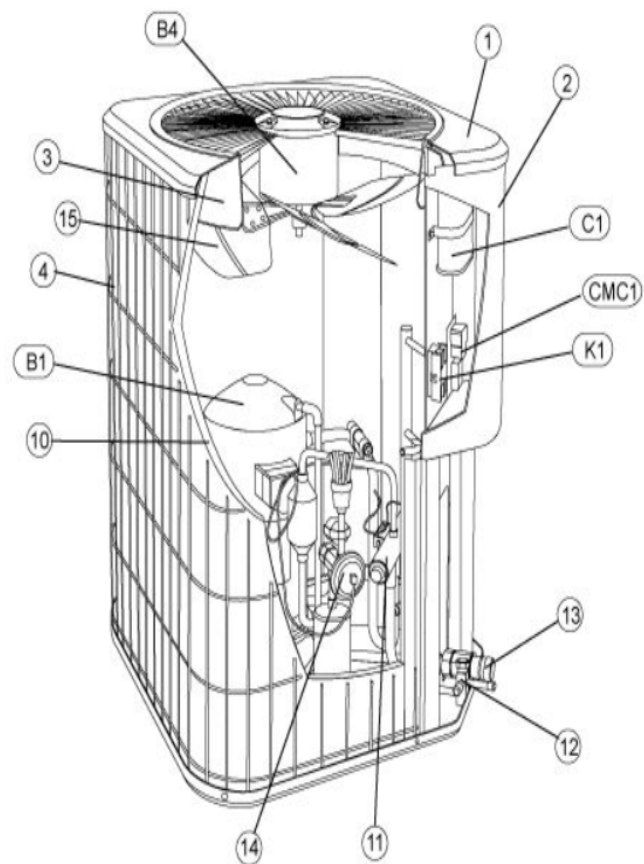


HEATPUMP-OUTDOOR  
MARCH, 2006

**TPA SERIES**



Revision Number - 4

**CABINET PARTS**

| <b>Callout</b> | <b>Name</b>                                                          | <b>Quantity</b> | <b>Description</b>                |
|----------------|----------------------------------------------------------------------|-----------------|-----------------------------------|
|                | NUT-CAP<br>Cat #: 85M56 Model/Part #: 100094-01                      | 4               | TOP PANEL                         |
|                | COVER<br>Cat #: 69J03 Model/Part #: 69J0301                          | 1               | SOUND-COMPRESSOR (OPTIONAL)       |
|                | LEG<br>Cat #: 94J45 Model/Part #: LB-87156A                          | 1               | BASE(SET OF 4)                    |
|                | PATCH PLATE (QUARTZ GRAY)<br>Cat #: 28W62 Model/Part #: LB-93297G-PP | 1               | PATCH PLATE (QUARTZ GRAY)         |
| 1              | PANEL-TOP<br>Cat #: 88M43 Model/Part #: LB-86265G                    | 1               | TOP PANEL (24X24)(QUARTZ GRAY)    |
| 2              | COVER-CONTROL BOX<br>Cat #: 88M46 Model/Part #: LB-86268G            | 1               | COVER-CONTROL PANEL (QUARTZ GRAY) |
| 3              | ORIFICE<br>Cat #: 95M53 Model/Part #: 100001-03                      | 1               | "18""                             |
| 4              | GUARD- COIL<br>Cat #: 88M49 Model/Part #: 100315-03                  | 1               | OUTDOOR COIL                      |

**CONTROL PANEL PARTS**

| <b>Callout</b> | <b>Name</b>                                             | <b>Quantity</b> | <b>Description</b>                     |
|----------------|---------------------------------------------------------|-----------------|----------------------------------------|
| C1             | CAPACITOR-FAN<br>Cat #: 22W78 Model/Part #: 100600-01   | 1               | "5MFD, 370VAC"                         |
| CMC1           | CONTROL-DEFROST<br>Cat #: 34M63 Model/Part #: 100269-02 | 1               | CONTROL-DEFROST BOARD, PRINTED CIRCUIT |
| K1             | CONTACTOR<br>Cat #: 95M57 Model/Part #: 100438-03       | 1               | "3PDT,24V"                             |

| Callout | Name                                        | Quantity | Description        |
|---------|---------------------------------------------|----------|--------------------|
| K10     | RELAY<br>Cat #: 25J38 Model/Part #: 25J3801 | 1        | "SPDT, 24V (460V)" |

## COOLING PARTS

| Callout | Name                                                      | Quantity | Description                                   |
|---------|-----------------------------------------------------------|----------|-----------------------------------------------|
|         | RELAY-OVERLOADCOMP-INTERNAL<br>Cat #: Model/Part #:       | 1        |                                               |
|         | VALVE-REVERSING<br>Cat #: 42W59 Model/Part #: 100145-09   | 1        | W/SOLENOID COIL                               |
|         | CORE-VALVE<br>Cat #: 95M48 Model/Part #: 100210-01        | 3        | CORE - VALVE                                  |
|         | DRIER<br>Cat #: 95M51 Model/Part #: 100215-04             | 1        | "LIQUID LINE(OPT<br>REPLACEMENT)<br>(FOOTNOTE |
|         | HARNESS-WIRING<br>Cat #: 42W61 Model/Part #: 100273-06    | 1        | SOLENOID COIL (36")                           |
|         | MUFFLER<br>Cat #: 17W04 Model/Part #: 100304-01           | 1        | MUFFLER                                       |
|         | VALVE-EXPANSION<br>Cat #: 33W85 Model/Part #: 100481-15   | 1        | VALVE-<br>EXPANSION/CHECK-R410A               |
|         | FITTING-PRESS TAP<br>Cat #: 95M46 Model/Part #: 100519-01 | 1        | PRESSURE TAP                                  |
|         | FITTING-PRESS TAP<br>Cat #: 95M47 Model/Part #: 100520-01 | 2        | PRESSURE TAP                                  |
|         | MOUNT PKG-COMP<br>Cat #: 54M63 Model/Part #: 15J1301PR    | 1        | MOUNT PKG-COMP                                |
|         | HARNESS-COMPRESSOR<br>Cat #: 15M36 Model/Part #: 15M3601  | 1        | HARNESS-MOLDED PLUG<br>3PH                    |
|         | DRIER<br>Cat #: 88K45 Model/Part #: 88K4501               | 1        | SUCTION LINE(OPT<br>REPLACEMENT)              |
|         | DISTRIBUTOR<br>Cat #: 94M33 Model/Part #: LB-87155P       | 1        | W/TUBES                                       |

| Callout | Name                                                                 | Quantity | Description                                    |
|---------|----------------------------------------------------------------------|----------|------------------------------------------------|
| 10      | COIL-OUTDOOR<br>Cat #: 94M26 Model/Part #: LB-87170CR                | 1        | W/MANIFOLD                                     |
| 11      | VALVE-SERVICE<br>Cat #: 10W32 Model/Part #: 100432-01                | 1        | "LIQUID LINE,3/8""                             |
| 12      | VALVE-BALL SERVICE 7/8 X 7/8<br>Cat #: 77W34 Model/Part #: 102831-05 | 1        | SUCTION - VALVE-BALL<br>7/8 X 7/8              |
| 13      | FAN<br>Cat #: 98M19 Model/Part #: 100060-08                          | 1        | "1/2""BORE,18""DIA,4<br>BLADE"                 |
| B1      | COMPRESSOR ZP31K5E-TF5-130<br>Cat #: 18W47 Model/Part #: 100040-13   | 1        | "2.5 TON,208-<br>230/60/3,COPE<br>(FOOTNOTE 1) |
| B1      | COMPRESSOR ZP31K5E-TFD-130<br>Cat #: 18W48 Model/Part #: 100040-14   | 1        | "2.5 TON, 460/60/3, COPE<br>(FOOTNOTE 1)"      |
| B4      | MOTOR-FAN<br>Cat #: 97M49 Model/Part #: 100483-02                    | 1        | "1/5HP,1075RPM,208-<br>230/60/1"               |
| B4      | MOTOR-FAN<br>Cat #: 25W17 Model/Part #: 100483-08                    | 1        | "1/6HP,1075RPM,460/60/1"                       |
| HR1     | HEATER-CRANKCASE<br>Cat #: 93M04 Model/Part #: 100499-01             | 1        | "40 WATT, 240 VOLT" Y/T                        |
| HR1     | HEATER-CRANKCASE<br>Cat #: 26W27 Model/Part #: 100499-14             | 1        | HEATER-CRANKCASE 40W<br>480V Ø4.72-7.01        |
| L1      | COIL-SOLENOID<br>Cat #: 75M49 Model/Part #: 75M4901                  | 1        | REVERSING VALVE                                |
| S4      | SWITCH-HI PRESS-AUTO<br>Cat #: 86M36 Model/Part #: 100087-01         | 1        | "CUTOUT 590 PSIG, CUTIN<br>418 PSIG"           |
| S6      | THERMOSTAT-DEFROST<br>Cat #: 97M60 Model/Part #: 100503-03           | 1        | "DEFROST OPEN 70F,<br>CLOSE 42F"               |
| S87     | SWITCH-LO PRESS-AUTO<br>Cat #: 23W26 Model/Part #: 100087-06         | 1        | "CUTOUT 25 PSIG, CUTIN<br>40 PSIG"             |

**Note:**

URGENT: Per E704130, unit dash number 1 and 2 have the same repair parts, but the factory refrigerant charge was changed. Created by: REF1-2 Date: 01-May-07 Defrost Board Faulty High Pressure Switch Code Created by: HP-07-1 Date: 23-Mar-07 Note1: Compressor uses POE oil. The filter drier MUST BE replaced at time of compressor change. Please advise customer of this requirement at time of order. (The filter drier is excluded from the Lennox Quality Care Limited Warranty).