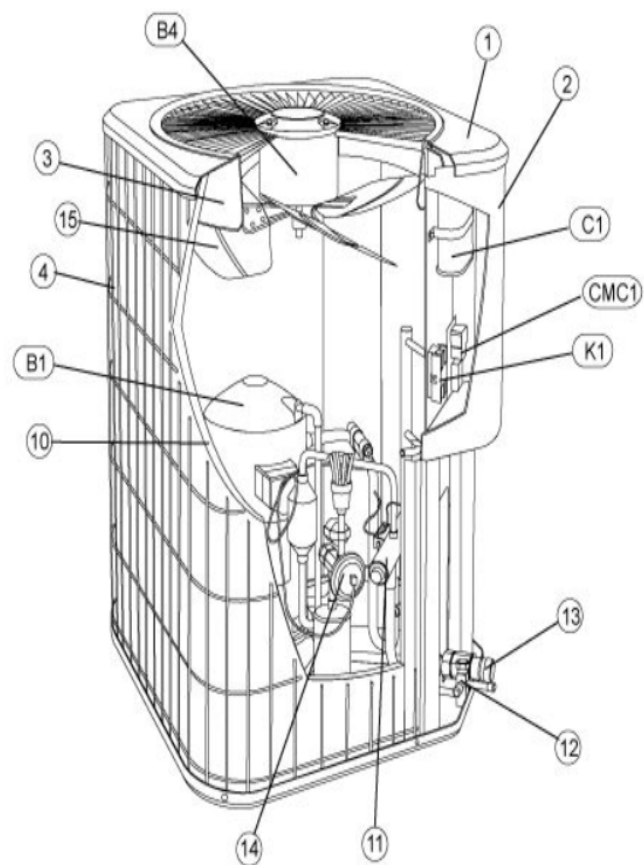


HEATPUMP-OUTDOOR  
MARCH, 2006

## TPA SERIES



Revision Number - 3

**CABINET PARTS**

| Callout | Name                                                      | Quantity | Description                       |
|---------|-----------------------------------------------------------|----------|-----------------------------------|
|         | 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)                    |
| 1       | PANEL-TOP<br>Cat #: 88M44 Model/Part #: LB-86264G         | 1        | TOP PANEL 28X28 (QUARTZ GRAY)     |
| 2       | COVER-CONTROL BOX<br>Cat #: 88M46 Model/Part #: LB-86268G | 1        | COVER-CONTROL PANEL (QUARTZ GRAY) |
| 3       | ORIFICE<br>Cat #: 98M16 Model/Part #: 100001-01           | 1        | "22" ""                           |
| 4       | GUARD<br>Cat #: 88M52 Model/Part #: 100315-06             | 1        | OUTDOOR COIL                      |

**CONTROL PANEL PARTS**

| Callout | Name                                                                        | Quantity | Description                          |
|---------|-----------------------------------------------------------------------------|----------|--------------------------------------|
| C1      | CAPACITOR-MOTOR<br>Cat #: 22W79 Model/Part #: 100600-02                     | 1        | "7.5MFD, 370VAC" (3ph UNITS)         |
| C12     | CAPACITOR 80 + 7.5 MFD @ 370V ROUND<br>Cat #: 89M91 Model/Part #: 100335-24 | 1        | 80 + 7.5 MFD @ 370V ROUND (50Hz/1ph) |
| CMC1    | BOARD-PRINTED CIRCUIT<br>Cat #: 34M63 Model/Part #: 100269-03               | 1        | BOARD-PRINTED CIRCUIT                |
| K1      | CONTACTOR<br>Cat #: 95M57 Model/Part #: 100438-03                           | 1        | "3PDT, 24V"                          |
| K10     | RELAY<br>Cat #: 25J38 Model/Part #: 25J3801                                 | 1        | "SPDT, 24V (460V)"                   |

**COOLING PARTS**

| <b>Callout</b> | <b>Name</b>                                               | <b>Quantity</b> | <b>Description</b>                       |
|----------------|-----------------------------------------------------------|-----------------|------------------------------------------|
|                | 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 REPLACEMENT) (FOOTNOTE  |
|                | HARNESS-WIRING<br>Cat #: 98M70 Model/Part #: 100273-01    | 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-EXPANSION VALVE-EXPANSION/CHECK-R4 |
|                | 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               | MOLDED PLUG                              |
|                | DRIER<br>Cat #: 88K44 Model/Part #:                       | 1               | SUCTION LINE(OPT REPLACEMENT)            |

| Callout | Name                                                                 | Quantity | Description                              |
|---------|----------------------------------------------------------------------|----------|------------------------------------------|
|         | 88K4401                                                              |          |                                          |
|         | DISTRIBUTOR<br>Cat #: 94M35 Model/Part #: LB-87155S                  | 1        | W/TUBES                                  |
| 10      | COIL-OUTDOOR<br>Cat #: 94M28 Model/Part #: LB-87170CT                | 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 LINE,7/8""                      |
| 13      | FAN<br>Cat #: 10W78 Model/Part #: 100060-13                          | 1        | "1/2""BORE,22""DIA,4 BLADE"              |
| B1      | COMPRESSOR ZP42K5E-TF5<br>Cat #: 18W51 Model/Part #: 100040-17       | 1        | "3.5 TON,208-230/60/3,COPE (FOOTNOTE 1)" |
| B1      | COMPRESSOR ZP42K5E-TFD<br>Cat #: 18W52 Model/Part #: 100040-18       | 1        | 3.5T,460/60/3,COPE(FOOTNOTE 1)           |
| B1      | COMPRESSOR ZP42K5E-PFJ<br>Cat #: 55W26 Model/Part #: 100040-39       | 1        | "3.5 TON, 220-240/50/1,COPE(FOOTNOTE 1)" |
| B4      | MOTOR-FAN<br>Cat #: 97M62 Model/Part #: 100483-01                    | 1        | "1/3HP,1075RPM,208-230/60/1"             |
| B4      | MOTOR-FAN<br>Cat #: 68J25 Model/Part #: 68J2501                      | 1        | "1/3HP,1075RPM,460/60/1"                 |
| HR1     | HEATER-CRANKCASE<br>Cat #: 93M05 Model/Part #: 100499-02             | 1        | "40 WATT, 240 VOLT"                      |
| HR1     | HEATER-CRANKCASE<br>Cat #: 93M14 Model/Part #:                       | 1        | "40 WATT, 480 VOLT"                      |

| Callout | Name                                                            | Quantity | Description                       |
|---------|-----------------------------------------------------------------|----------|-----------------------------------|
|         | 100499-11                                                       |          |                                   |
| L1      | COIL-SOLENOID 24V<br>Cat #: 42W18 Model/Part #:<br>101813-01    | 1        | REVERSING VALVE                   |
| S4      | SWITCH-HI PRESS-AUTO<br>Cat #: 86M36 Model/Part #:<br>100087-01 | 1        | "CUTOUT 590 PSIG, CUTIN 418 PSIG" |
| S6      | THERMOSTAT-DEFROST<br>Cat #: 97M60 Model/Part #:<br>100503-03   | 1        | "DEFROST OPEN 70F, CLOSE 42F"     |
| S87     | SWITCH-LO PRESS-AUTO<br>Cat #: 23W26 Model/Part #:<br>100087-06 | 1        | "CUTOUT 25 PSIG, CUTIN 55 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).