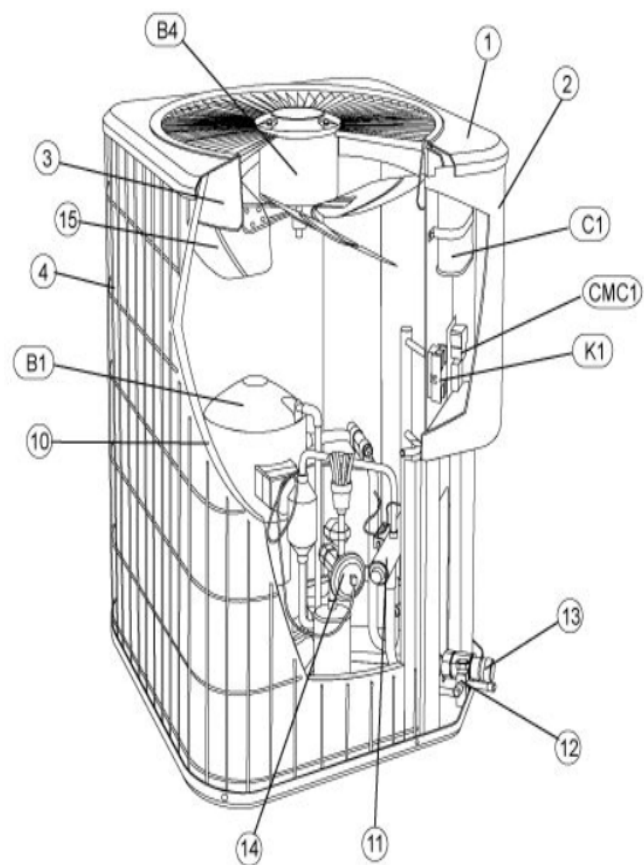


HEATPUMP-OUTDOOR  
MARCH, 2006

## TPA SERIES



Revision Number - 1

**\*OPTIONAL PARTS-FIELD INSTALLED**

| Callout | Name                                                   | Quantity | Description            |
|---------|--------------------------------------------------------|----------|------------------------|
|         | CAPACITOR-START<br>Cat #: 63A06 Model/Part #: 63A0601  | 1        | "176-216 MFD, 320 VAC" |
|         | RELAY-POTENTIAL<br>Cat #: 58327 Model/Part #: P-8-3577 | 1        | SPNC                   |
| ST KIT  | START KIT<br>Cat #: 88M91 Model/Part #: LB-31200BAR    | 1        | INC NEXT 2 PARTS       |

**CABINET PARTS**

| Callout | Name                                                          | Quantity | Description                       |
|---------|---------------------------------------------------------------|----------|-----------------------------------|
|         | NUT-CAP<br>Cat #: 85M56 Model/Part #: 100094-01               | 4        | TOP PANEL                         |
|         | PATCH PLATE (QUARTZ GRAY)<br>Cat #: 28W62 Model/Part #: 28W62 | 1        | PATCH PLATE                       |
|         | 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 #: 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>        |
|----------------|-----------------------------------------------------------|-----------------|---------------------------|
| C12            | CAPACITOR-FAN MTR<br>Cat #: 89M77 Model/Part #: 100335-09 | 1               | "40+5MFD, 440VAC"         |
| CMC1           | CONTROL-DEFROST<br>Cat #: 34M63 Model/Part #: 100269-02   | 1               | BOARD, PRINTED<br>CIRCUIT |
| K1             | CONTACTOR<br>Cat #: 95M55 Model/Part #: 100438-01         | 1               | "SPST,24V"                |

**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 #: 42W58 Model/Part #: 100145-06   | 1               | W/SOLENOID COIL<br>(FOOTNOTE 2)               |
|                | 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<br>(36""")"                    |
|                | MUFFLER<br>Cat #: 17W04 Model/Part #: 100304-01           | 1               | MUFFLER                                       |
|                | VALVE-EXPANSION<br>Cat #: 33W84 Model/Part #: 100481-14   | 1               | VALVE-EXPANSION<br>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                                |

| Callout | Name                                                               | Quantity | Description                              |
|---------|--------------------------------------------------------------------|----------|------------------------------------------|
|         | HARNESS-COMPRESSOR<br>Cat #: 15M35 Model/Part #: 15M3501           | 1        | MOLDED PLUG                              |
|         | DRIER<br>Cat #: 88K44 Model/Part #: 88K4401                        | 1        | SUCTION LINE(OPT REPLACEMENT)            |
|         | DISTRIBUTOR<br>Cat #: 94M31 Model/Part #: LB-87155M                | 1        | W/TUBES                                  |
| 10      | COIL-OUTDOOR<br>Cat #: 94M24 Model/Part #: LB-87170CN              | 1        | W/MANIFOLD                               |
| 11      | VALVE-SERVICE<br>Cat #: 10W32 Model/Part #: 100432-01              | 1        | "LIQUID LINE,3/8""                       |
| 12      | VALVE-SERVICE<br>Cat #: 31W72 Model/Part #: 100609-01              | 1        | "SUCTION LINE,3/4""                      |
| 13      | FAN<br>Cat #: 98M18 Model/Part #: 100060-07                        | 1        | "1/2""BORE,18""DIA,3 BLADE"              |
| B1      | COMPRESSOR ZP24K5E-PFJ-130<br>Cat #: 55W22 Model/Part #: 100040-35 | 1        | "2.5 TON,220-240/50/1,COPE (FOOTNOTE 1)" |
| B4      | MOTOR-FAN<br>Cat #: 97M49 Model/Part #: 100483-02                  | 1        | "1/5HP,1075RPM,208-230/60/1"             |
| HR1     | HEATER-CRANKCASE<br>Cat #: 93M05 Model/Part #: 100499-02           | 1        | "40 WATT, 240 VOLT"                      |
| L1      | COIL-SOLENOID 24V<br>Cat #: 42W18 Model/Part #: 101813-01          | 1        | REVERSING VALVE                          |
| S4      | SWITCH-HI PRESS-AUTO<br>Cat #: 86M36 Model/Part #: 100087-01       | 1        | "CUTOUT 590 PSIG, CUTIN 418 PSIG"        |
| S6      | THERMOSTAT-DEFROST<br>Cat #: 97M60 Model/Part #: 100503-03         | 1        | "DEFROST OPEN 70F, CLOSE 42F"            |
| S87     | SWITCH-LO PRESS-AUTO<br>Cat #: 23W26 Model/Part #: 100087-06       | 1        | "CUTOUT 40 PSIG, CUTIN 25 PSIG"          |

**Note:**

FOOTNOTE 1: 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). FOOTNOTE 2: 73W56 # 603113-04 REVERSING VALVE KIT This replacement kit will improve shift time and reduce nuisance reports of noise during reversing valve shifts for the existing valve. This kit does not require new plumbing. The kit consists of: 1 each 73W83 - 100145-10 reversing valve 1 each 42W18 - 101813-01 solenoid coil 1 each 42W62 - 100273-07 60# solenoid harness 1 each 506260-01 instructions Once kit is installed, repair parts can be ordered as needed.