

## DHH 4 Ton Commercial Package Heat Pump

DHH0481D000001SAA

DHH0483D000001SAA

DHH0484D000001SAA

DHH0487D000001SAA



This manual is to be used by qualified technicians only.

## Important Information

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|------------------------------|--------|
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*Views shown are for parts illustrations only, not servicing procedures.*

#### Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity    Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model        Example (M1) (If M Code not shown, then part is used on all Models)

#### Expanded Model Nomenclature:

|                                                         |
|---------------------------------------------------------|
| Example<br>M1 - Model#1<br>M2 - Model#2<br>M3 - Model#3 |
|---------------------------------------------------------|

Daikin Comfort Technologies Manufacturing , L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Daikin Comfort Technologies Manufacturing , L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:  
Equipment Support  
Daikin Comfort Technologies Manufacturing , L.P.  
19001 Kermier Road  
Waller, Texas 77484  
855-770-5678-Telephone  
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:  
International Division  
Daikin Comfort Technologies Manufacturing , L.P.  
19001 Kermier Road  
Waller, Texas 77484  
713-861-2500-Telephone  
713-863-2382-Facsimile

# Functional Parts

## Part

**No: Description:**

|                |                                           |
|----------------|-------------------------------------------|
| 10625733       | BLADE-FAN 22" ALUM CCW                    |
| CAP350000440RT | CAPACITOR (M1)                            |
| 0130L00164     | CLASS CC FUSE 5A (M4)                     |
| YPS40K1TTFEASC | COMPRESSOR (M4)                           |
| YPS40K1TTFDASC | COMPRESSOR (M3)                           |
| YPS40K1TPFVASC | COMPRESSOR (M1)                           |
| YPS40K1TTF5ASC | COMPRESSOR (M2)                           |
| CONT2P040024D  | CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)     |
| CONT2P040024D  | CONT, 2 POLE, 40 AMP, 24 VAC (M1)         |
| CONT2P040024D  | CONT, 2 POLE, 40 AMP, 24 VAC              |
| CONT3P030024D  | CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4) |
| CONT3P030024D  | CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4)     |
| 0130M00101     | CONTROL, DEFROST                          |
| 0130M00178     | DPDT RELAY 24VAC (QTY 5)                  |
| 0251L00243     | EXPANSION VALVE ASSEMBLY                  |
| 0251L00242     | EXPANSION VALVE ASSEMBLY                  |
| 0130M00583     | FREEZE STAT                               |
| 0130L00209     | HEATER, CRANKCASE 240V, 40W (M1, M2)      |
| 0130L00211     | HEATER, CRANKCASE 480V, 40W (M3)          |
| 0130L00213     | HEATER, CRANKCASE 575V, 40W (M4)          |
| 0131M00918     | MOTOR (M1, M2, M4)                        |
| 0131M00916     | MOTOR (M3)                                |
| 0131L00707     | MOTOR - PROGRAMMED (M1, M2)               |
| 0131L00708     | MOTOR - PROGRAMMED (M3, M4)               |
| PCBCM301V0001  | PCB CONTROL CIR HANDLER                   |
| PCBDM133       | PCB DEFROST CONTROL                       |
| 10135604       | RELAY                                     |
| 10135604       | RELAY                                     |
| 0151R00071     | REVERSING VALVE                           |
| SER2A08012     | SENSATA R32 SENSOR                        |
| 0130M00199     | SWITCH CRANK CASE HEATER                  |
| 0130M00730     | SWITCH, HIGH PRESSURE                     |
| 0130M00733     | SWITCH, LOW PRESSURE                      |
| 0130M00038     | TERMINAL BOARD                            |
| 0130M00615     | THERMOSTAT, OUTDOOR                       |
| 0130L00320     | TRANSFORMER (M4)                          |
| 0130L00319     | TRANSFORMER (M1, M2)                      |
| 0130L00318     | TRANSFORMER (M3)                          |
| 0130M00668     | TRANSFORMER (M4)                          |

## SPECIAL PARTS

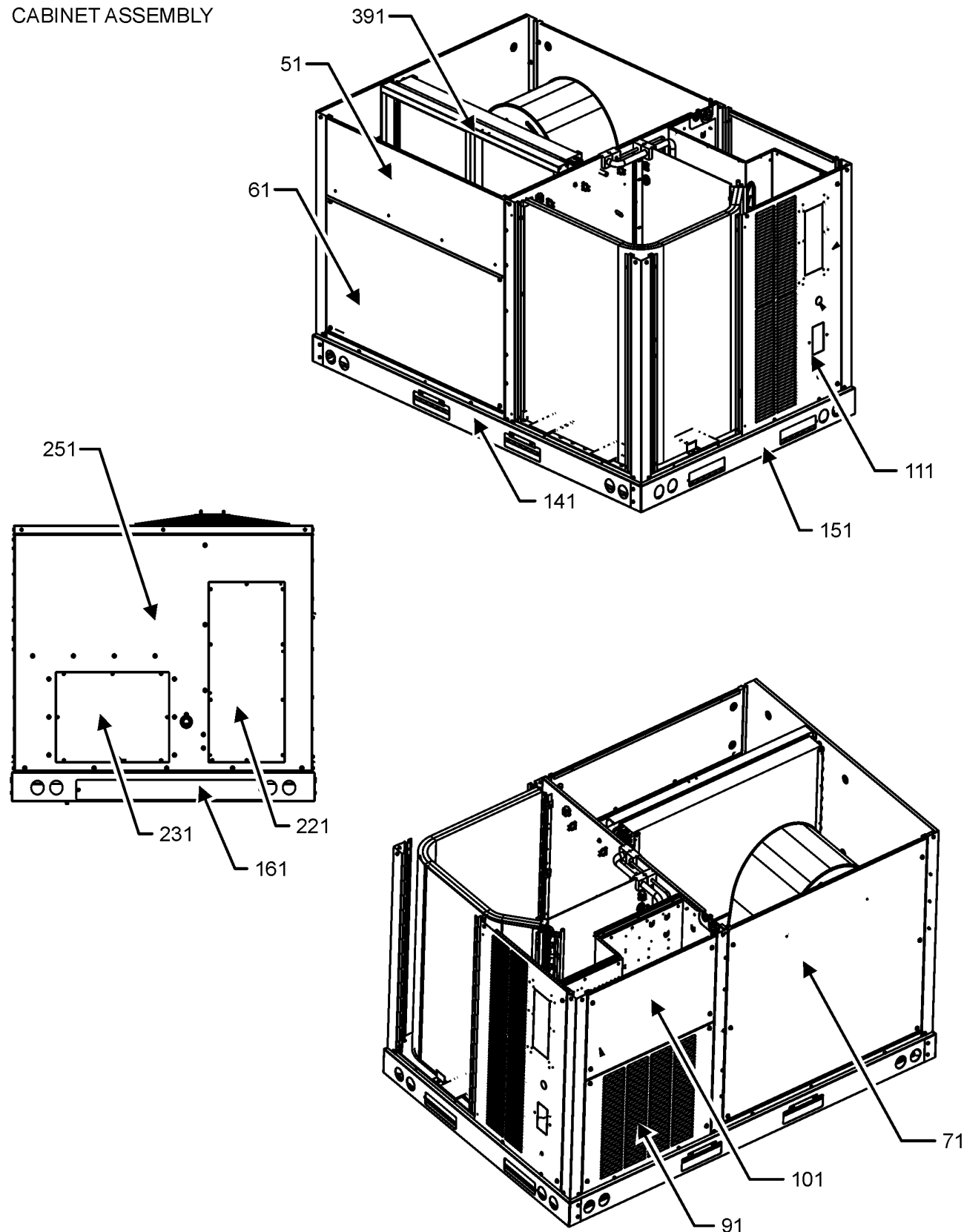
|              |                      |
|--------------|----------------------|
| RP-FIOPS*    | ACCESSORY RP MANUAL  |
| RP-EHX(D/B)* | HEATER KIT RP MANUAL |
| RP-EHS(D/B)* | HEATER KIT RP MANUAL |

## Expanded Model Nomenclature

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| M1 - DHH0481D000001SAA<br>M2 - DHH0483D000001SAA<br>M3 - DHH0484D000001SAA<br>M4 - DHH0487D000001SAA |
|------------------------------------------------------------------------------------------------------|

# CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# CABINET ASSEMBLY

| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description: |
|----------------------|--------------|----------------------|--------------|
|----------------------|--------------|----------------------|--------------|

## Image 1:

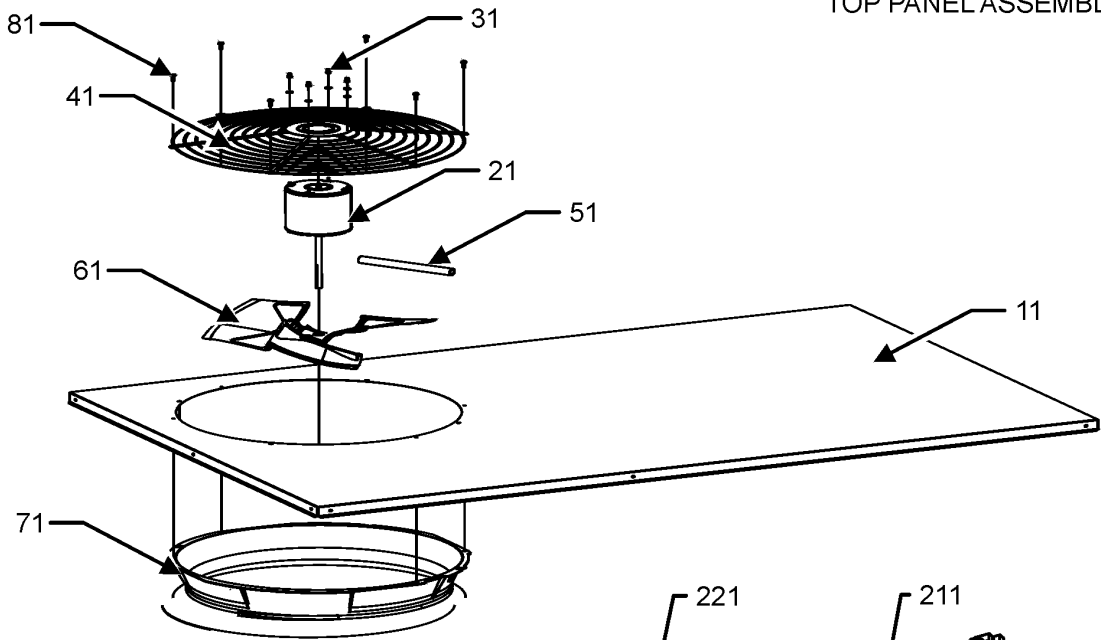
|     |              |                                |
|-----|--------------|--------------------------------|
| 51  | 0121L01650SB | PAINTED FILTER PANEL           |
| 61  | 0121L01651SB | PAINTED ECONOMIZER PANEL       |
| 71  | 0121L04853SB | PAINTED, PANEL, BLOWER         |
| 91  | 0121L02265SB | PAINTED COMPRESSOR PANEL       |
| 101 | 0121L02262SB | PAINTED CONTROL BOX PANEL      |
| 111 | 0121L03643SB | PAINTED, COMPRESSOR BACK PANEL |
| 141 | 0121L04850   | RAIL, SIDE (QTY 2)             |
| 151 | 0121L01621   | SMALL END RAIL                 |
| 161 | 0121L04776   | END RAIL                       |
| 221 | 0121L02910SB | PAINTED COVER-DUCT RETURN      |
| 231 | 0121L02911SB | PAINTED COVER-DUCT SUPPLY      |
| 251 | 0121L05502SB | PAINTED BACK PANEL             |
| 391 | 0270L01442   | ASSY., FILTER HOLDER           |
| NS  | 0160L00173   | AIR FILTER 14X20X2 (QTY 4)     |

## Expanded Model Nomenclature

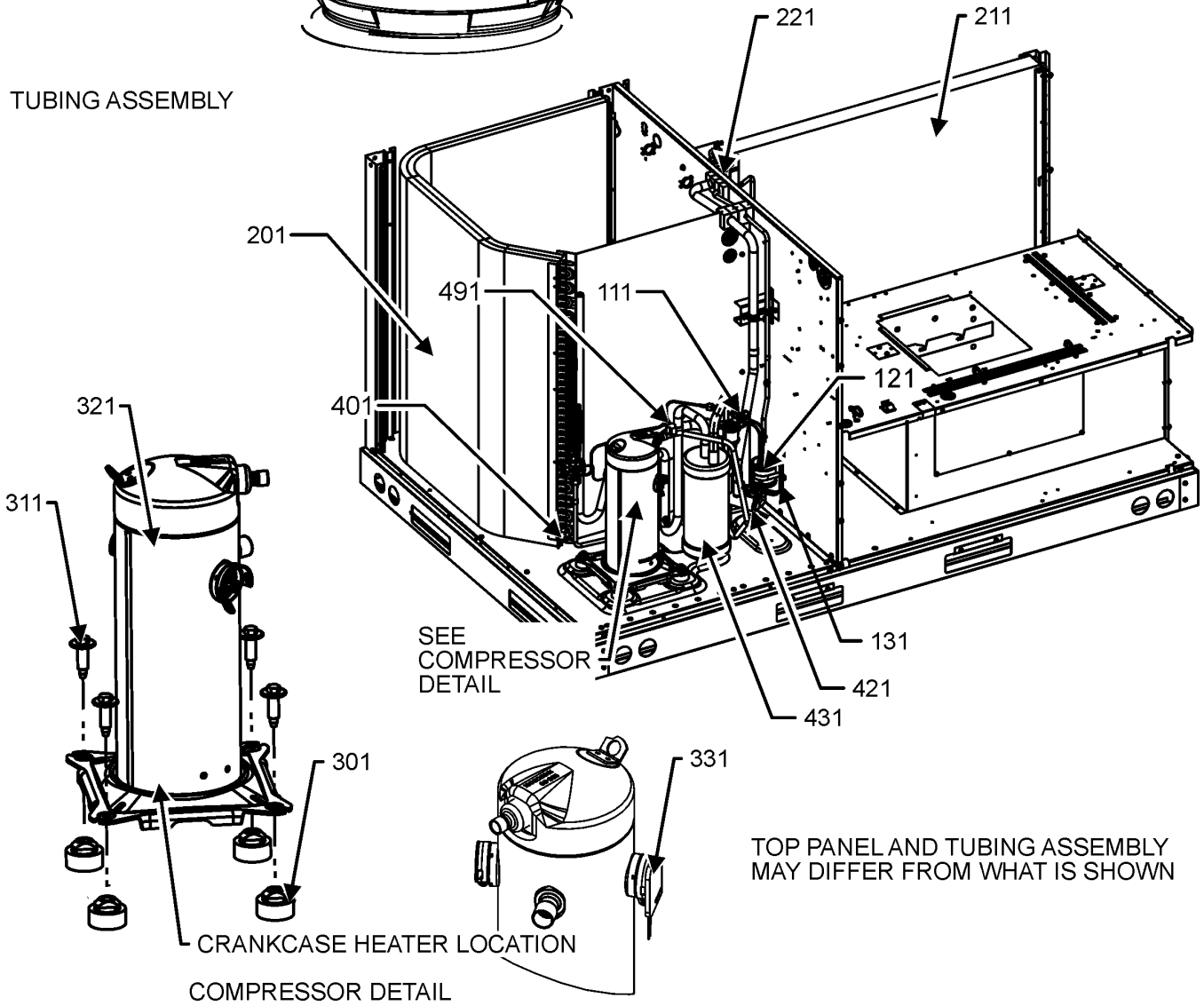
|                        |
|------------------------|
| M1 - DHH0481D000001SAA |
| M2 - DHH0483D000001SAA |
| M3 - DHH0484D000001SAA |
| M4 - DHH0487D000001SAA |

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL ASSEMBLY



TUBING ASSEMBLY



# TOP PANEL AND TUBING ASSEMBLY

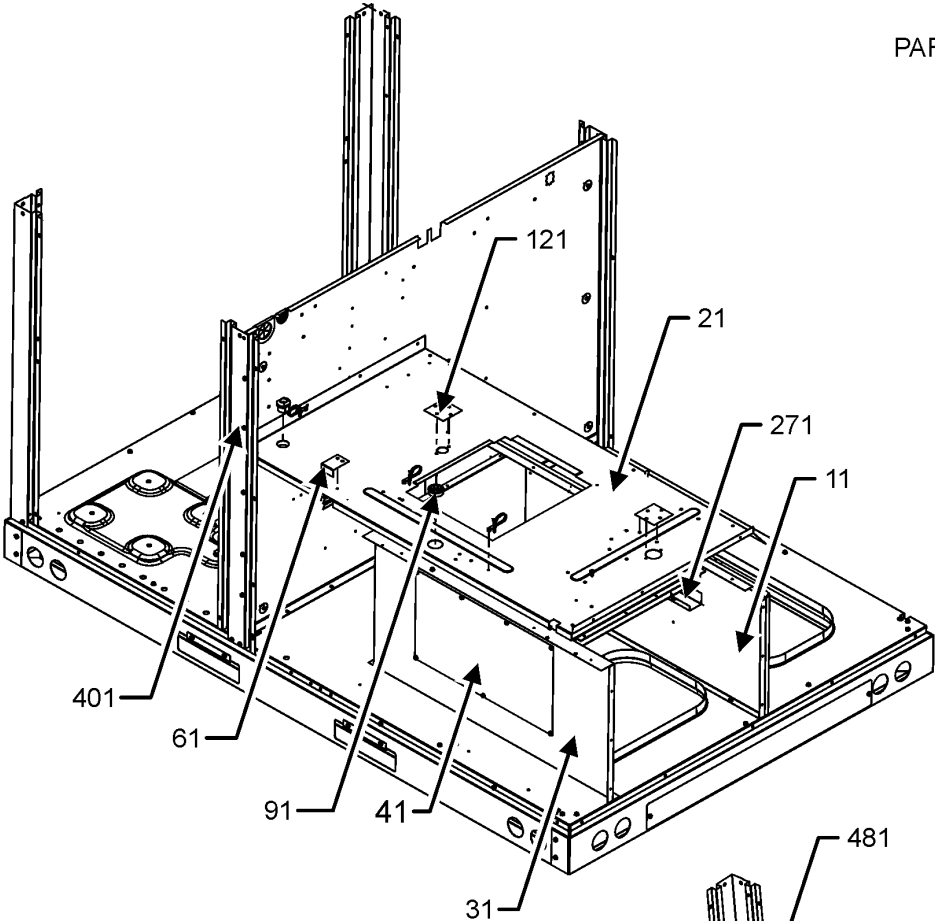
| Ref. Part<br>No: No: | Description:   | Ref. Part<br>No: No: | Description:                               |
|----------------------|----------------|----------------------|--------------------------------------------|
| <b>Image 1:</b>      |                |                      |                                            |
| 11                   | 0121L01626SB   |                      | PAINTED, TOP PANEL (M1, M2, M4)            |
| 21                   | 0131M00916     |                      | MOTOR (M3)                                 |
| 21                   | 0131M00918     |                      | MOTOR (M1, M2, M4)                         |
| 31                   | 0163M00006P    |                      | ACORN NUT 5/16 HEX BLACK (M1, M2, M4)      |
| 31                   | B1393024       |                      | LOCK NUT (M3)                              |
| 41                   | 0152G00000     |                      | FAN GRILLE, RAISED                         |
| 51                   | 0161R00124     |                      | CONDUIT (M1, M2, M4)                       |
| 61                   | 10625733       |                      | BLADE-FAN 22" ALUM CCW                     |
| 71                   | 0161R00048     |                      | MOLDED RING-VENTURI 22                     |
| 81                   | 0163M00004     |                      | SCREW #10X3/4", BLACK (QTY 8)              |
| 111                  | 0130M00733     |                      | SWITCH, LOW PRESSURE                       |
| 121                  | 0162R00056     |                      | FILTER/DRIER-BI-FLOW                       |
| 131                  | 0130M00730     |                      | SWITCH, HIGH PRESSURE                      |
| 201                  | 0201L01036     |                      | COIL SLAB CIRCUIT ASSEMBLY                 |
| 211                  | 0202L00716     |                      | ID COIL TUBING ASSEMBLY                    |
| 221                  | 0130M00583     |                      | FREEZE STAT                                |
| 301                  | B1339533       |                      | COMPRESSOR GROMMET (QTY 4)                 |
| 311                  | B1393740       |                      | COMP. BOLT & SLEEVE (QTY 4)                |
| 321                  | YPS40K1TPFVASC |                      | COMPRESSOR (M1)                            |
| 321                  | YPS40K1TTF5ASC |                      | COMPRESSOR (M2)                            |
| 321                  | YPS40K1TTFDASC |                      | COMPRESSOR (M3)                            |
| 321                  | YPS40K1TTFEASC |                      | COMPRESSOR (M4)                            |
| 331                  | 0159L00065     |                      | HARNESS, COMP SCROLL (M2, M3, M4)          |
| 331                  | 0159L00027     |                      | HARNESS-COMP SCROLL (M1)                   |
| 401                  | 0130M00101     |                      | CONTROL, DEFROST                           |
| 421                  | 0151R00071     |                      | REVERSING VALVE                            |
| 431                  | 0151L00008     |                      | ACCUMULATOR                                |
| 491                  | 0130M00199     |                      | SWITCH CRANK CASE HEATER                   |
| NS                   | 0141L00003X    |                      | BOARD-FORK (QTY 2)                         |
| NS                   | 0163M00648     |                      | BOLT, CARRIAGE (M3)                        |
| NS                   | 0163L00338     |                      | BRACKET, MOTOR MOUNTING (M3)               |
| NS                   | 0159G00010     |                      | CABLE COMP SOL                             |
| NS                   | 0251L00242     |                      | EXPANSION VALVE ASSEMBLY                   |
| NS                   | 0251L00243     |                      | EXPANSION VALVE ASSEMBLY                   |
| NS                   | 0130L00209     |                      | HEATER, CRANKCASE 240V, 40W (M1, M2)       |
| NS                   | 0130L00211     |                      | HEATER, CRANKCASE 480V, 40W (M3)           |
| NS                   | 0130L00213     |                      | HEATER, CRANKCASE 575V, 40W (M4)           |
| NS                   | B1393800       |                      | LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2)     |
| NS                   | 0121L03516     |                      | PNL, BRACKET, FORK BOARD (QTY 4)           |
| NS                   | 0163M00005P    |                      | WASHER, BLACK (.50 OD .218ID) (M1, M2, M4) |

## Expanded Model Nomenclature

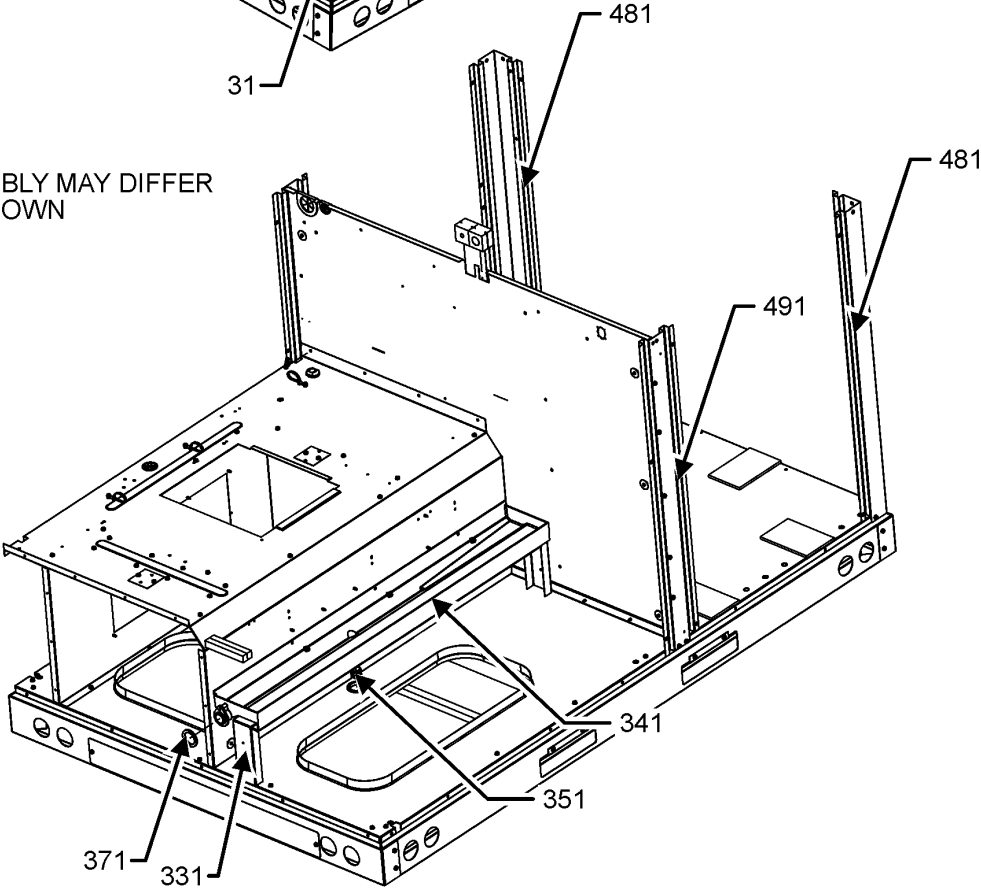
|                        |
|------------------------|
| M1 - DHH0481D000001SAA |
| M2 - DHH0483D000001SAA |
| M3 - DHH0484D000001SAA |
| M4 - DHH0487D000001SAA |

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN



# PARTITION ASSEMBLY

| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description: |
|----------------------|--------------|----------------------|--------------|
|----------------------|--------------|----------------------|--------------|

## Image 1:

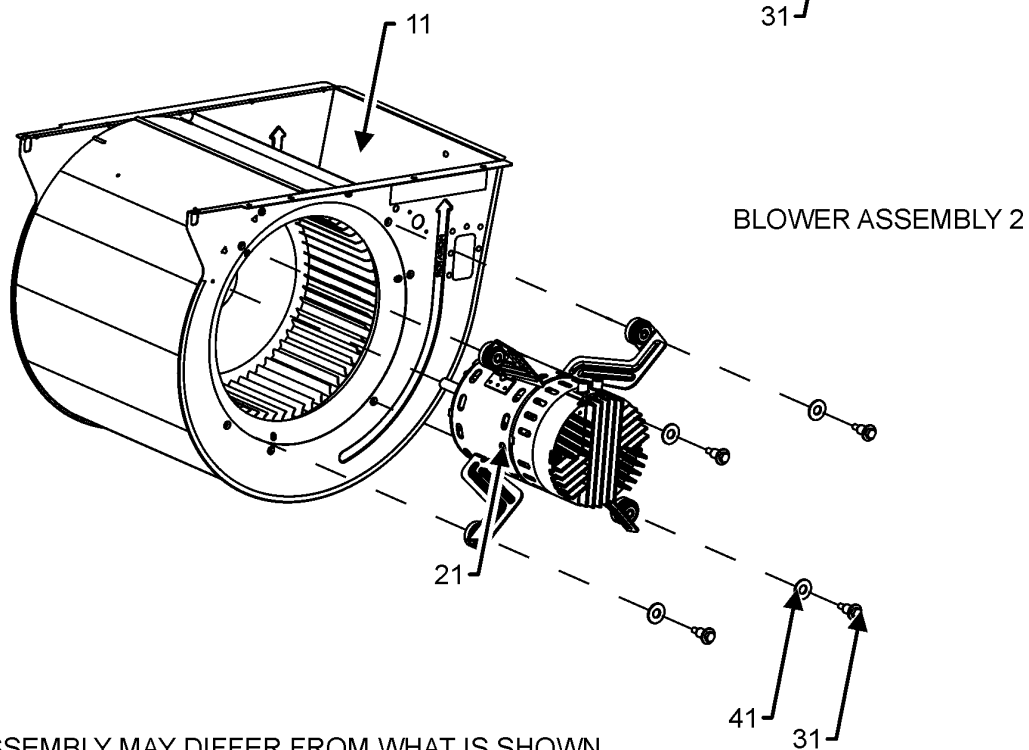
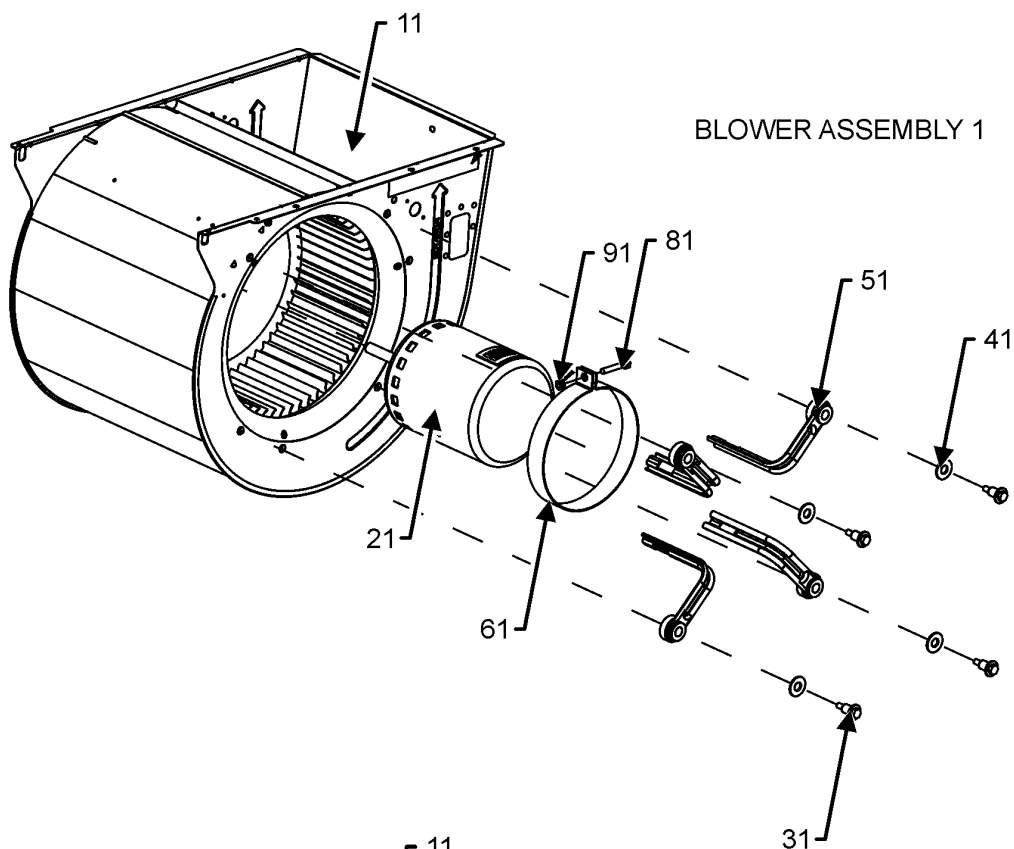
|     |              |                               |
|-----|--------------|-------------------------------|
| 11  | 0121L05686   | SIDE, BLOWER DECK             |
| 21  | 0121L05160   | PANEL, BLOWER DECK            |
| 31  | 0121L04424   | HEAT KIT BOX                  |
| 41  | 0121L00144   | COVER-ELECTRIC HEAT           |
| 61  | 0121L01709   | BLOWER DECK PLATE             |
| 91  | B1392147     | UNIVERSIAL BUSHING WITH SLICE |
| 121 | 0121L00321   | COVER-SMOKE DETECTOR (QTY 2)  |
| 271 | 0121L02633   | BLOWER DECK U-BRACKET         |
| 331 | 0121L01635   | DRAINPAN SUPPORT              |
| 341 | 0161L00007   | DRAIN PAN, EVAPORATOR 3-5 TON |
| 351 | 0163L00071   | PLUG, DRAIN                   |
| 371 | 0154L00180   | GASKET, DRAIN PAN             |
| 401 | 0121L04308SB | PAINTED, SIDE POST            |
| 481 | 0121L01625SB | POST, CORNER (QTY 2)          |
| 491 | 0121L03445SB | PAINTED, SIDE POST            |
| NS  | 0164M00111   | GROMMET-D                     |
| NS  | 0164G00005   | GROMMET-HORSESHOW 1.675       |
| NS  | 0121L03515   | RETAINER - ELECTRIC HEAT      |

## Expanded Model Nomenclature

|                        |
|------------------------|
| M1 - DHH0481D000001SAA |
| M2 - DHH0483D000001SAA |
| M3 - DHH0484D000001SAA |
| M4 - DHH0487D000001SAA |

# BLOWER ASSEMBLY

## BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# BLOWER ASSEMBLY

| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description: |
|----------------------|--------------|----------------------|--------------|
|----------------------|--------------|----------------------|--------------|

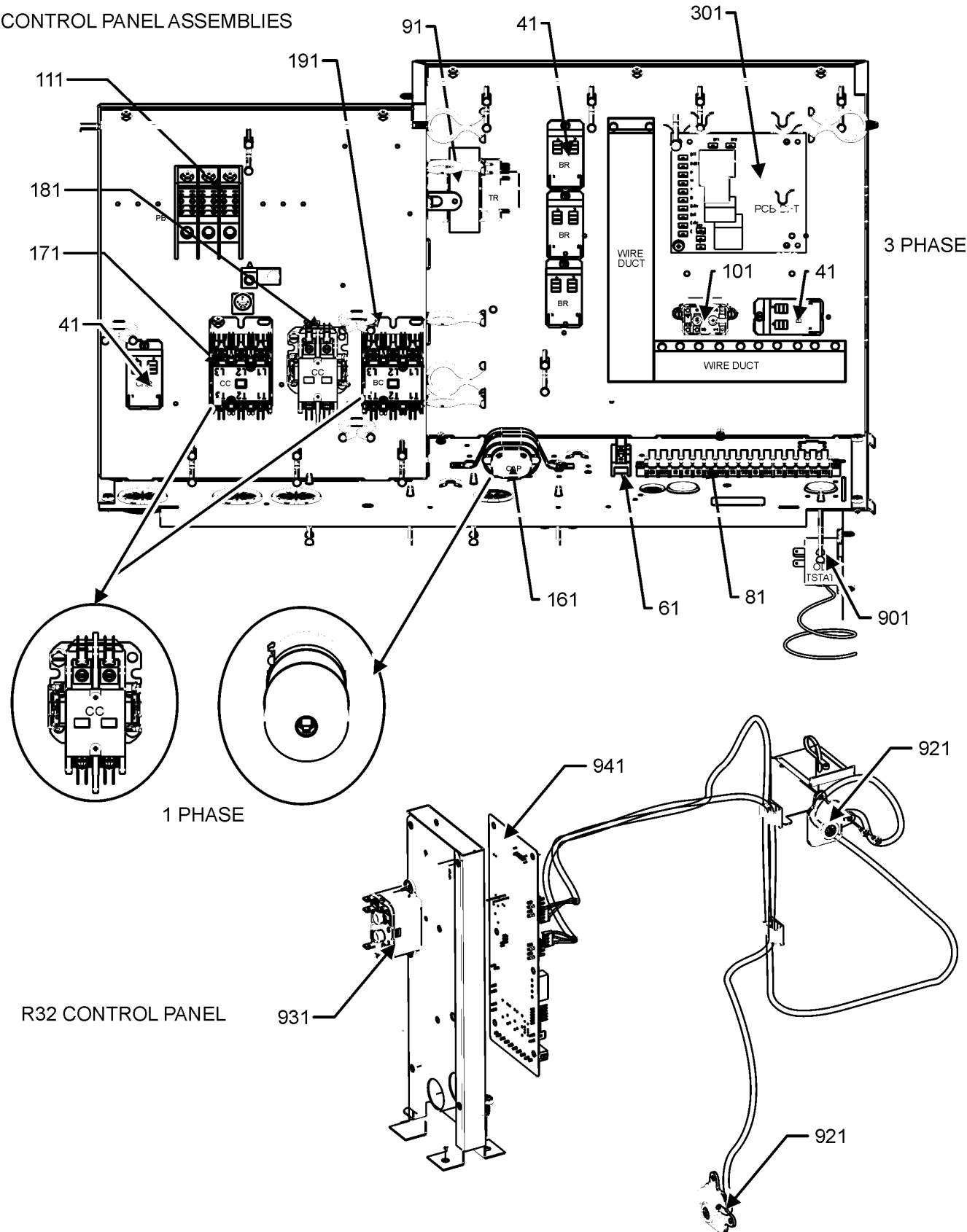
**Image 1:**

|    |            |                                        |
|----|------------|----------------------------------------|
| 11 | 0271L00133 | ASSY., BLOWER HOUSING (M1, M2)         |
| 11 | 0271L00137 | ASSY., BLOWER HOUSING (M3, M4)         |
| 21 | 0131L00707 | MOTOR - PROGRAMMED (M1, M2)            |
| 21 | 0131L00708 | MOTOR - PROGRAMMED (M3, M4)            |
| 31 | M0250565   | SCREW-TC 1.25" (QTY 4)                 |
| 41 | B1392918   | WASHER, FLAT 1/4 ID X 1 OD (QTY 4)     |
| 51 | 0163A00008 | MOTOR MOUNTING ARM (M1, M2)            |
| 61 | 10441601   | BAND-MTR MOUNT (M1, M2)                |
| 81 | 0163M00320 | HEX HEAD ALL THREAD TAP BOLT (M1, M2)  |
| 91 | B1393800   | LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2) |

**Expanded Model Nomenclature**

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| M1 - DHH0481D000001SAA<br>M2 - DHH0483D000001SAA<br>M3 - DHH0484D000001SAA<br>M4 - DHH0487D000001SAA |
|------------------------------------------------------------------------------------------------------|

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# CONTROL PANEL ASSEMBLIES

| Ref. Part<br>No: No: | Description:   | Ref. Part<br>No: No: | Description:                              |
|----------------------|----------------|----------------------|-------------------------------------------|
| <b>Image 1:</b>      |                |                      |                                           |
| 41                   | 0130M00178     |                      | DPDT RELAY 24VAC (QTY 5)                  |
| 61                   | 802007090      |                      | TERM BOARD                                |
| 81                   | 0130M00038     |                      | TERMINAL BOARD                            |
| 91                   | 0130L00318     |                      | TRANSFORMER (M3)                          |
| 91                   | 0130L00319     |                      | TRANSFORMER (M1, M2)                      |
| 91                   | 0130L00320     |                      | TRANSFORMER (M4)                          |
| 101                  | 10135604       |                      | RELAY                                     |
| 111                  | 0130M00509     |                      | BLOCK, POWER (M2, M3, M4)                 |
| 111                  | 0130M00510     |                      | BLOCK, POWER (M1)                         |
| 161                  | CAP350000440RT |                      | CAPACITOR (M1)                            |
| 171                  | CONT2P040024D  |                      | CONT, 2 POLE, 40 AMP, 24 VAC (M1)         |
| 171                  | CONT3P030024D  |                      | CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4) |
| 181                  | CONT2P040024D  |                      | CONT, 2 POLE, 40 AMP, 24 VAC              |
| 191                  | CONT2P040024D  |                      | CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)     |
| 191                  | CONT3P030024D  |                      | CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4)     |
| 301                  | PCBDM133       |                      | PCB DEFROST CONTROL                       |
| 901                  | 0130M00615     |                      | THERMOSTAT, OUTDOOR                       |
| 921                  | SER2A08012     |                      | SENSATA R32 SENSOR                        |
| 931                  | 10135604       |                      | RELAY                                     |
| 941                  | PCBCM301V0001  |                      | PCB CONTROL CIR HANDLER                   |
| NS                   | 0164M00079     |                      | BOOT-CAPACITOR, ROUND (M1)                |
| NS                   | 0130L00164     |                      | CLASS CC FUSE 5A (M4)                     |
| NS                   | 0130M00670     |                      | FUSE BLOCK CLASS CC (M4)                  |
| NS                   | 0130M00507     |                      | MOTOR POWER HARNESS (M1, M2)              |
| NS                   | 20520901       |                      | STRAP-CAPACITOR                           |
| NS                   | 0130M00668     |                      | TRANSFORMER (M4)                          |

## Expanded Model Nomenclature

|                        |
|------------------------|
| M1 - DHH0481D000001SAA |
| M2 - DHH0483D000001SAA |
| M3 - DHH0484D000001SAA |
| M4 - DHH0487D000001SAA |

# ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

**RP-FIOPSC\***

**RP-EHS[D/B]SC\***

**RP-EHX[D/B]SC\***

## ACCESSORY PARTS

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

---

**Image 1:**

|    |              |                      |
|----|--------------|----------------------|
| NS | RP-FIOPS*    | ACCESSORY RP MANUAL  |
| NS | RP-EHS(D/B)* | HEATER KIT RP MANUAL |
| NS | RP-EHX(D/B)* | HEATER KIT RP MANUAL |

**Expanded Model Nomenclature**

|                        |
|------------------------|
| M1 - DHH0481D000001SAA |
| M2 - DHH0483D000001SAA |
| M3 - DHH0484D000001SAA |
| M4 - DHH0487D000001SAA |