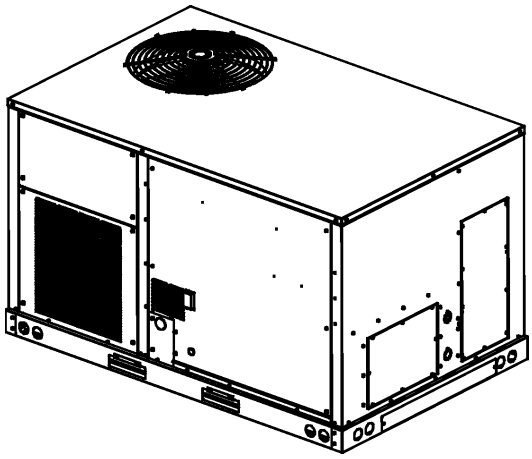
# REPAIR PARTS

## Commercial 4 Ton (DHG) ULN Package Gas Unit

DHG0481D100001FAA
DHG0481D800001FAA
DHG0483D100001FAA
DHG0483D800001FAA
DHG0484D100001FAA
DHG0484D800001FAA



This manual is to be used by qualified technicians only.

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# Important Information

## Index


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Illustration and Parts ..... 4 - 17


*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 |
|---|
| M1 - Model#1 |
| M2 - Model#2 |
| 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: |
|---|---|
| 0151M00098 | 36G VALVE ULN |
| 10625733 | BLADE-FAN 22" ALUM CCW |
| CAP050000370LA | CAP, 5 MFD/370V/OVAL (M3, M4) |
| CAP050350440CS | CAP, 5/35 MFD/440V/DUAL RD (M1, M2) |
| CAP040000370VA | CAPACITOR (M5, M6) |
| YPS40K1TPFVASC | COMPRESSOR (M1, M2) |
| YPS40K1TTF5ASC | COMPRESSOR (M3, M4) |
| YPS40K1TTFDASC | COMPRESSOR (M5, M6) |
| CONT2P040024D | CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4) |
| CONT2P040024D | CONT, 2 POLE, 40 AMP, 24VAC (M1, M2) |
| CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (M5, M6) |
| CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (M3, M4, M5, M6) |
| 0130M00178 | DPDT RELAY 24VAC |
| 0251L00241 | EXPANSION VALVE ASSEMBLY |
| 0130F00762 | FLAME SENSOR |
| 0130M00583 | FREEZE STAT |
| 0130L00253 | ID PLUG |
| 0130M00684 | IGNITION MODULE |
| 0130M00817 | IGNITOR,ULN SPARK ELECTRODE |
| PCBBL216 | INTEGRATED FURNACE CONTROLLER |
| 20162904 | LIMIT, PRIMARY |
| 0130M00663 | LIMIT, PRIMARY (M2, M4) |
| 0130F00035 | LIMIT, PRIMARY (M5, M6) |
| 0130M00658 | LIMIT, PRIMARY (M1, M3) |
| 0131M00964 | MOTOR 1/6H.P., 1SP, 8PL (M1, M2, M3, M4) |
| 0131M00962 | MOTOR 1/6H.P., 1SP, 8PL (M5, M6) |
| 0131M00972 | MOTOR VENT |
| 0131L00673 | MOTOR-PROGRAMMED (M2, M4) |
| 0131L00672 | MOTOR-PROGRAMMED (M1, M3) |
| 0131L00683 | MOTOR-PROGRAMMED (M5) |
| 0131L00682 | MOTOR-PROGRAMMED (M6) |
| PCBCM301V0001 | PCB CONTROL CIR HANDLER |
| 10135604 | RELAY |
| SER2A08012 | SENSATA R32 SENSOR |
| 0130G00020 | SWITCH, HIGH LIMIT ULN (M2, M4, M6) |
| 0130G00022 | SWITCH, HIGH LIMIT, ULN (M1, M3, M5) |
| 0130M00730 | SWITCH, HIGH PRESSURE |
| 0130M00732 | SWITCH, LOW PRESSURE |
| B1370772 | TIME DELAY ICM 180 SEC DELAY |
| 0130M00695 | TRANSDUCER PRESSURE |
| 0130M00859 | TRANSFORMER |
| 0130M00862 | TRANSFORMER (M5, M6) |

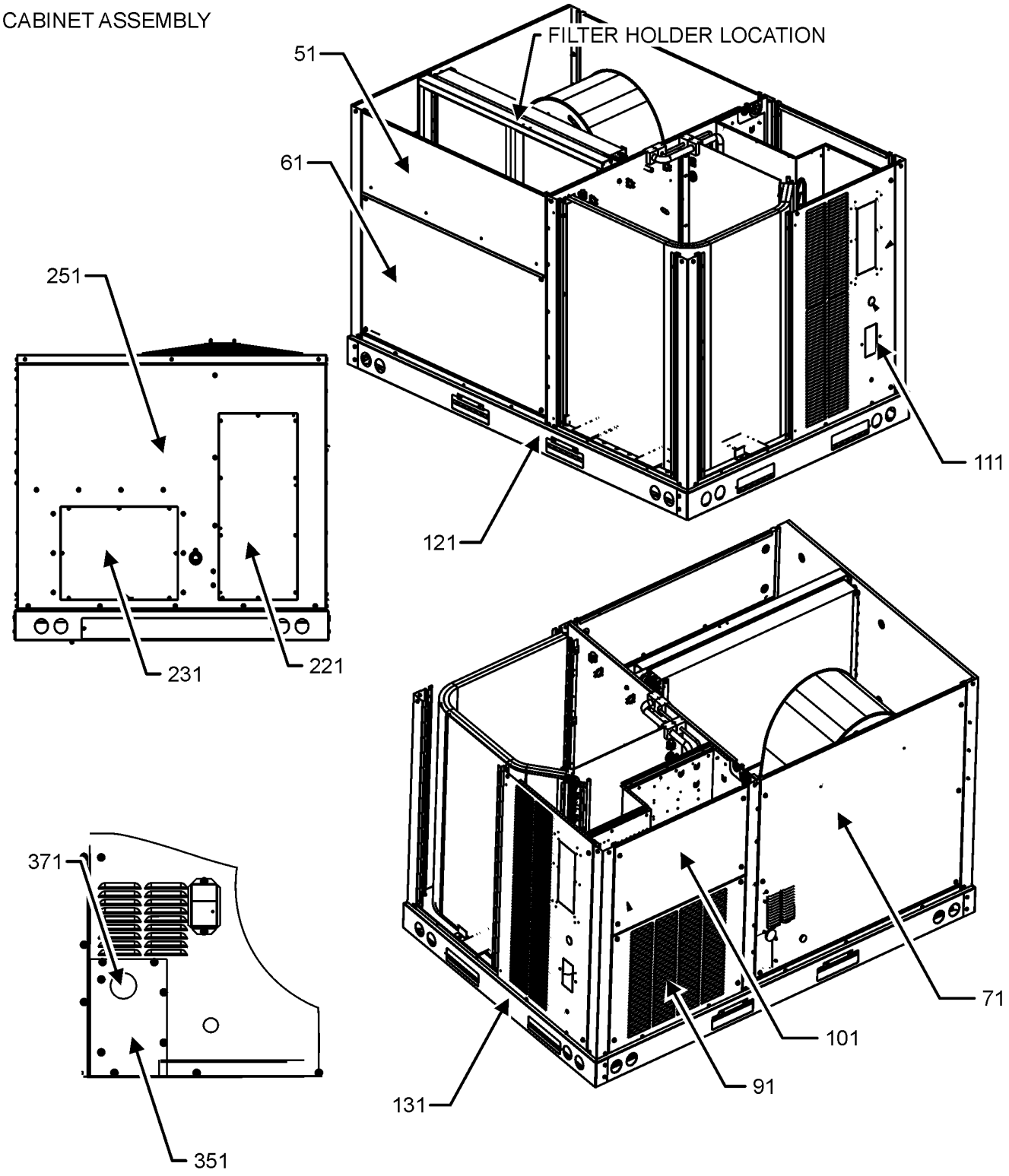
**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

**SPECIAL PARTS**

| | |
|---|---|
| RP-FIOPS* | ACCESSORY RP MANUAL |
| RP-EHX[B/D]SC* | HEATER KIT RP MANUAL |
| RP-EHS[B/D]S* | HEATER KIT RP MANUAL |
| RP-HXS* | HEATER KIT RP MANUAL |

# CABINET ASSEMBLY




BURNER DOOR DETAIL

NOTE: CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# CABINET ASSEMBLY

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|

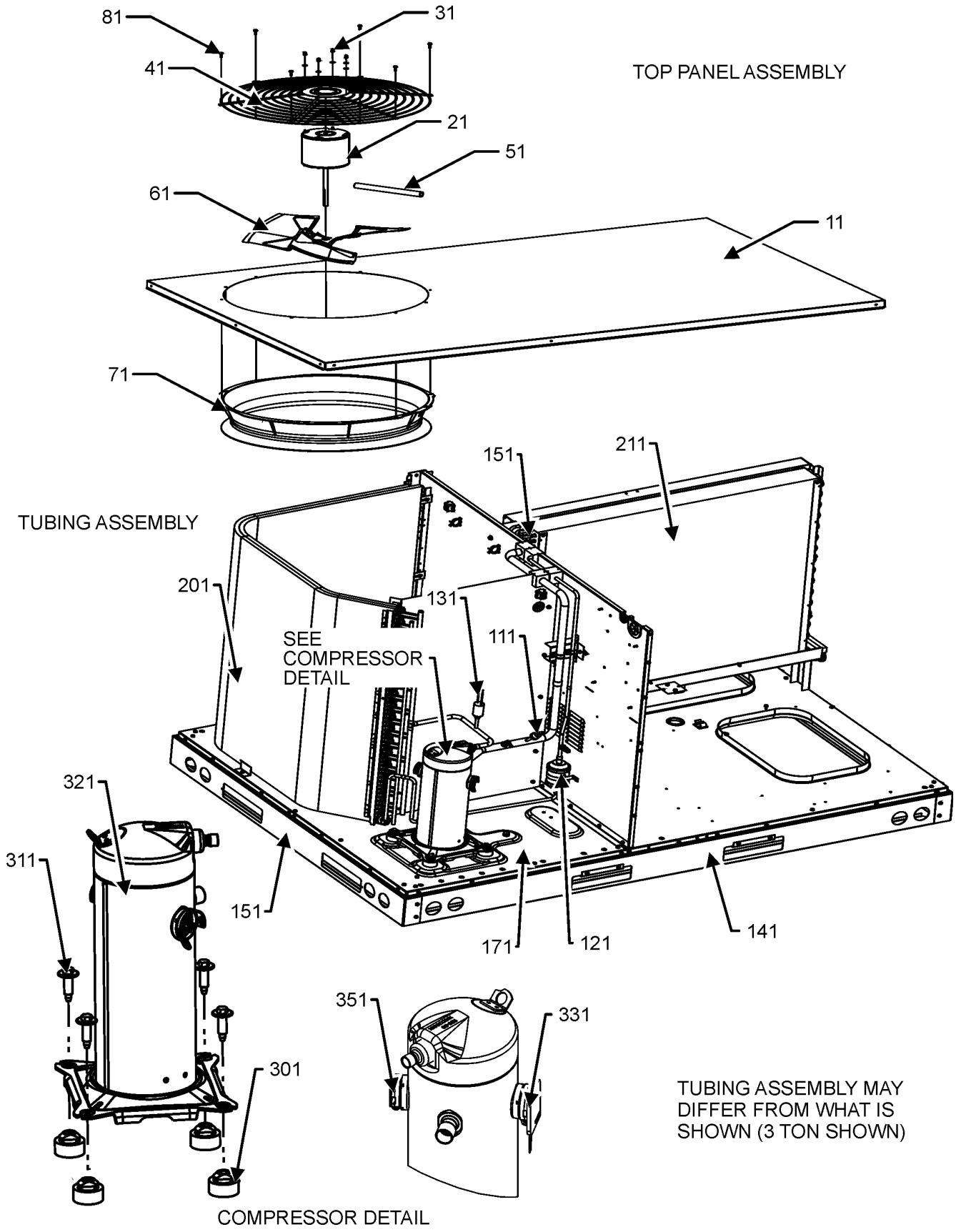
***Image 1:***

| | | |
|---|---|---|
| 51 | 0121L01650SB | PAINTED FILTER PANEL |
| 61 | 0121L01651SB | PAINTED ECONOMIZER PANEL |
| 71 | 0121L03724SB | PAINTED, PANEL, GAS BLOWER |
| 91 | 0121L02265SB | PAINTED COMPRESSOR PANEL |
| 101 | 0121L02262SB | PAINTED CONTROL BOX PANEL |
| 111 | 0121L03643SB | PAINTED, COMPRESSOR BACK PANEL |
| 121 | 0121L04850 | RAIL, SIDE (QTY 2) |
| 131 | 0121L01621 | END RAIL |
| 221 | 0121L02910SB | PAINTED COVER-DUCT RETURN |
| 231 | 0121L02911SB | PAINTED COVER-DUCT SUPPLY |
| 251 | 0121L05502SB | PAINTED BACK PANEL |
| 351 | 0121L03443SB | PAINTED, GAS INLET PANEL |
| 371 | B1910010 | GROMMET, GAS LINE |
| NS | 0160L00173 | AIR FILTER (QTY 4) |
| NS | 0270L01442 | ASSY FILTER HOLDER |
| NS | 0121L03931 | HEAT EXCHANGER FLASHING |
| NS | 0121L03288SB | PAINTED, COLLAR, FLUE |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# TOP PANEL AND TUBING ASSEMBLY



# TOP PANEL AND TUBING ASSEMBLY

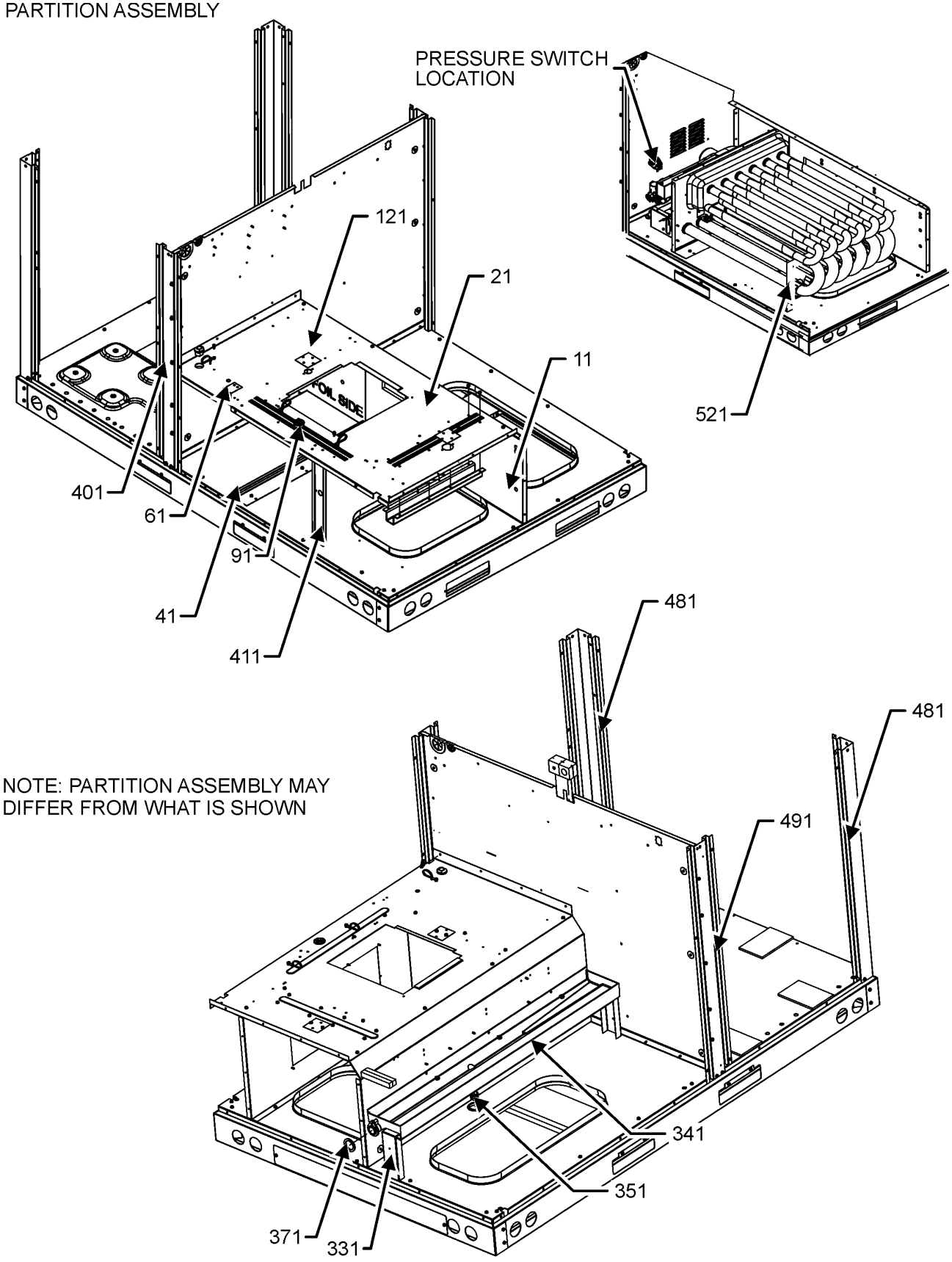
| Ref. No: | Part No: | Description: |
|---|---|---|
| ***Image 1:*** | | |
| 11 | 0121L01626SB | PAINTED, TOP PANEL |
| 21 | 0131M00962 | MOTOR 1/6H.P., 1SP, 8PL (M5, M6) |
| 21 | 0131M00964 | MOTOR 1/6H.P., 1SP, 8PL (M1, M2, M3, M4) |
| 31 | 0163M00006P | ACORN NUT 5/16 HEX BLACK (QTY 4) |
| 41 | 0152G00000 | FAN GRILLE, RAISED |
| 51 | 0161R00124 | CONDUIT |
| 61 | 10625733 | BLADE-FAN 22" ALUM CCW |
| 71 | 0161L00015 | RING, VENTURI 22" |
| 81 | 0163M00004 | SCREW #10X3/4", BLACK (QTY 8) |
| 111 | 0130M00732 | SWITCH, LOW PRESSURE |
| 121 | 0162R00056 | FILTER/DRIER-BI-FLOW |
| 131 | 0130M00730 | SWITCH, HIGH PRESSURE |
| 141 | 0121L04850 | RAIL, SIDE (QTY 2) |
| 151 | 0130M00583 | FREEZE STAT |
| 151 | 0121L01621 | SMALL END RAIL |
| 171 | 0121L03855 | OUTDOOR BASEPAN |
| 201 | 0201L00516 | ASSY., COIL SLAB CIRCUIT |
| 211 | 0202L00728 | ID COIL TUBING ASSEMBLY |
| 301 | B1339533 | COMPRESSOR GROMMET (QTY 4) |
| 311 | B1393740 | COMP BOLT & SLEEVE (QTY 4) |
| 321 | YPS40K1TPFVASC | COMPRESSOR (M1, M2) |
| 321 | YPS40K1TTF5ASC | COMPRESSOR (M3, M4) |
| 321 | YPS40K1TTFDASC | COMPRESSOR (M5, M6) |
| 331 | 0159L00027 | HARNESS-COMP SCROLL (M1, M2) |
| 331 | 0159L00065 | HARNESS-COMP SCROLL (M3, M4, M5, M6) |
| 341 | 0159G00010 | CABLE, COMPR SOL |
| NS | 0141L00003X | BOARD-FORK (QTY 2) |
| NS | 0121L04776 | END RAIL |
| NS | 0251L00241 | EXPANSION VALVE ASSEMBLY |
| NS | 0121L03516 | PNL, BRACKET, FORK BOARD (QTY 4) |
| NS | 0163M00005P | WASHER, BLACK (.50 OD .218ID) (QTY 4) |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# PARTITION ASSEMBLY

PARTITION ASSEMBLY




NOTE: PARTITION ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN

# PARTITION ASSEMBLY

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|

***Image 1:***

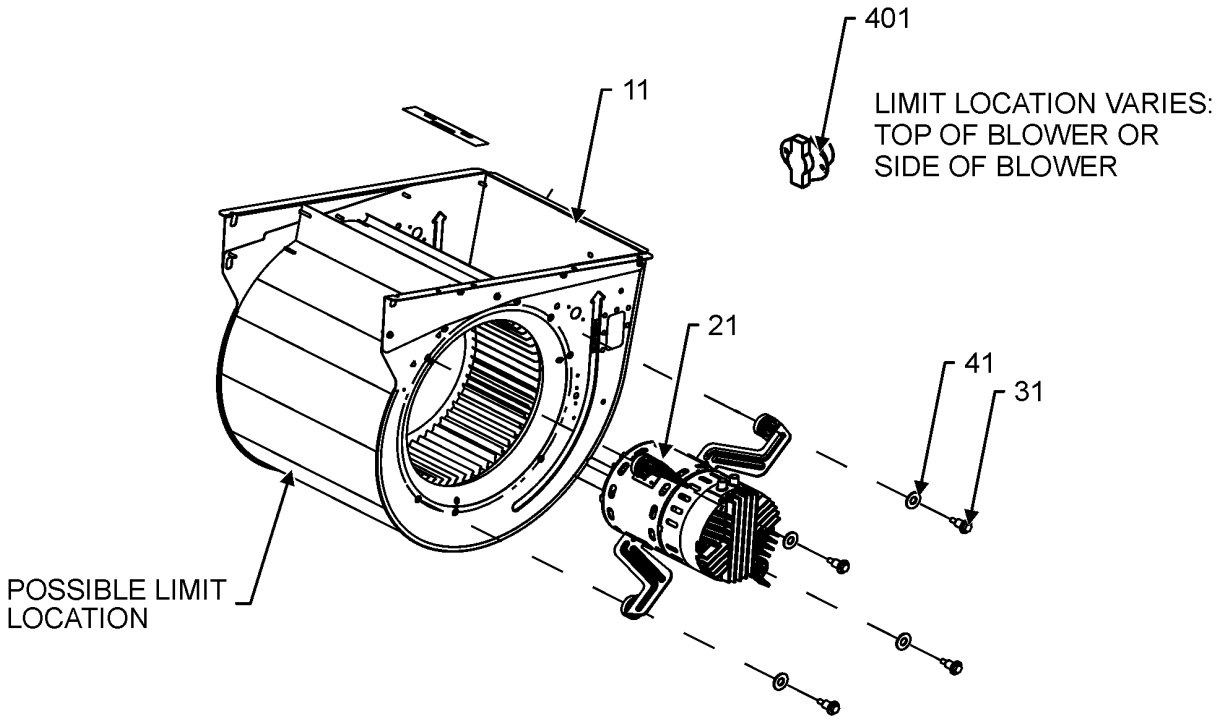
| | | |
|---|---|---|
| 11 | 0121L05686 | SIDE, BLOWER DECK |
| 21 | 0121L05160 | PANEL, BLOWER DECK |
| 41 | 0121L00266 | CHANNEL-HEAT PANEL (QTY 2) |
| 61 | 0121L01709 | BLOWER DECK PLATE |
| 91 | B1392147 | UNIVERSIAL BUSHING WITH SLICE |
| 121 | 0121L00321 | COVER-SMOKE DETECTOR (QTY 2) |
| 331 | 0121L01635 | DRAINPAN SUPPORT |
| 341 | 0161L00007 | DRAIN PAN, EVAPORATOR 3-5 TON |
| 351 | 0163L00071 | PLUG, DRAIN |
| 371 | 0154L00180 | GASKET, DRAIN PAN |
| 401 | 0121L03445SB | PAINTED, SIDE POST |
| 411 | 0121L00300 | POST-DECK SUPPORT |
| 481 | 0121L01625SB | POST, CORNER (QTY 2) |
| 491 | 0121L04308SB | PAINTED, SIDE POST |
| 521 | 0121L03320 | BRACKET, TUBE SUPPORT |
| NS | 0121L00293 | ANGLE-HEAT EXCHANGER BACK (QTY 2) |
| NS | 0121L03125 | BRACKET, TUBE (QTY 6) |
| NS | 0121L02935 | BRACKET, TUBE SUPPORT |
| NS | 0164M00111 | GROMMET-D |
| NS | 0164G00005 | GROMMET-HORSESHOW 1.675 |
| NS | 0121L01811 | HORIZONTAL SUPPORT (QTY 2) |
| NS | 0121L04020 | SIDE SUPPORT (QTY 2) |

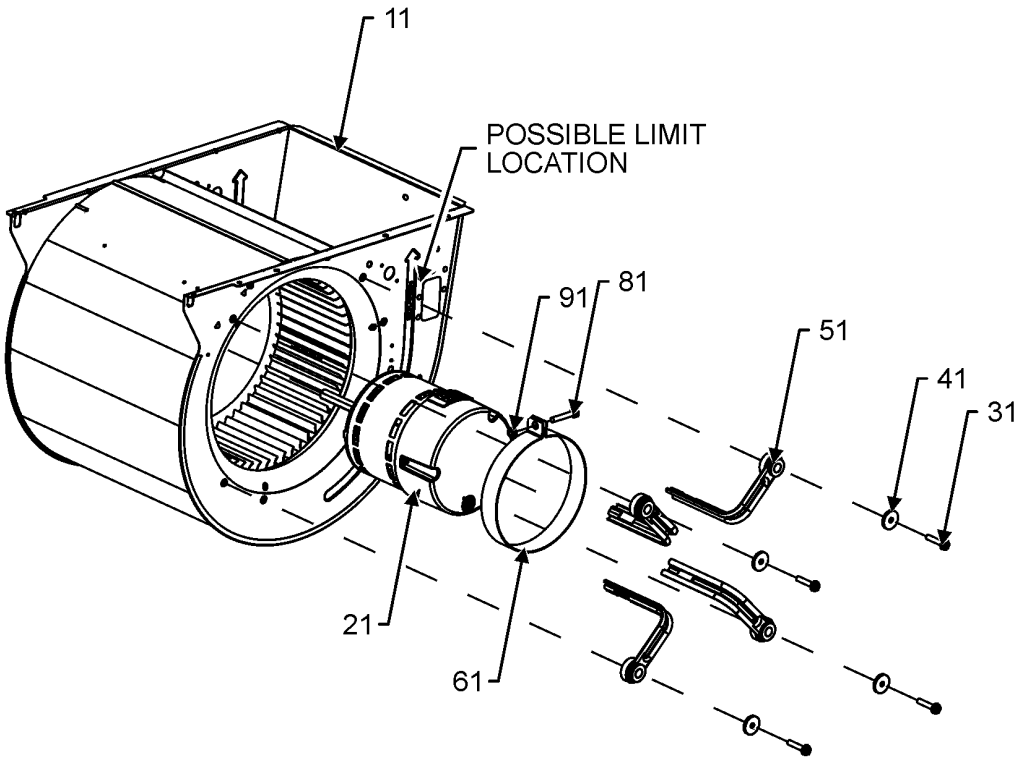
**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# BLOWER ASSEMBLY

BLOWER ASSEMBLY




BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

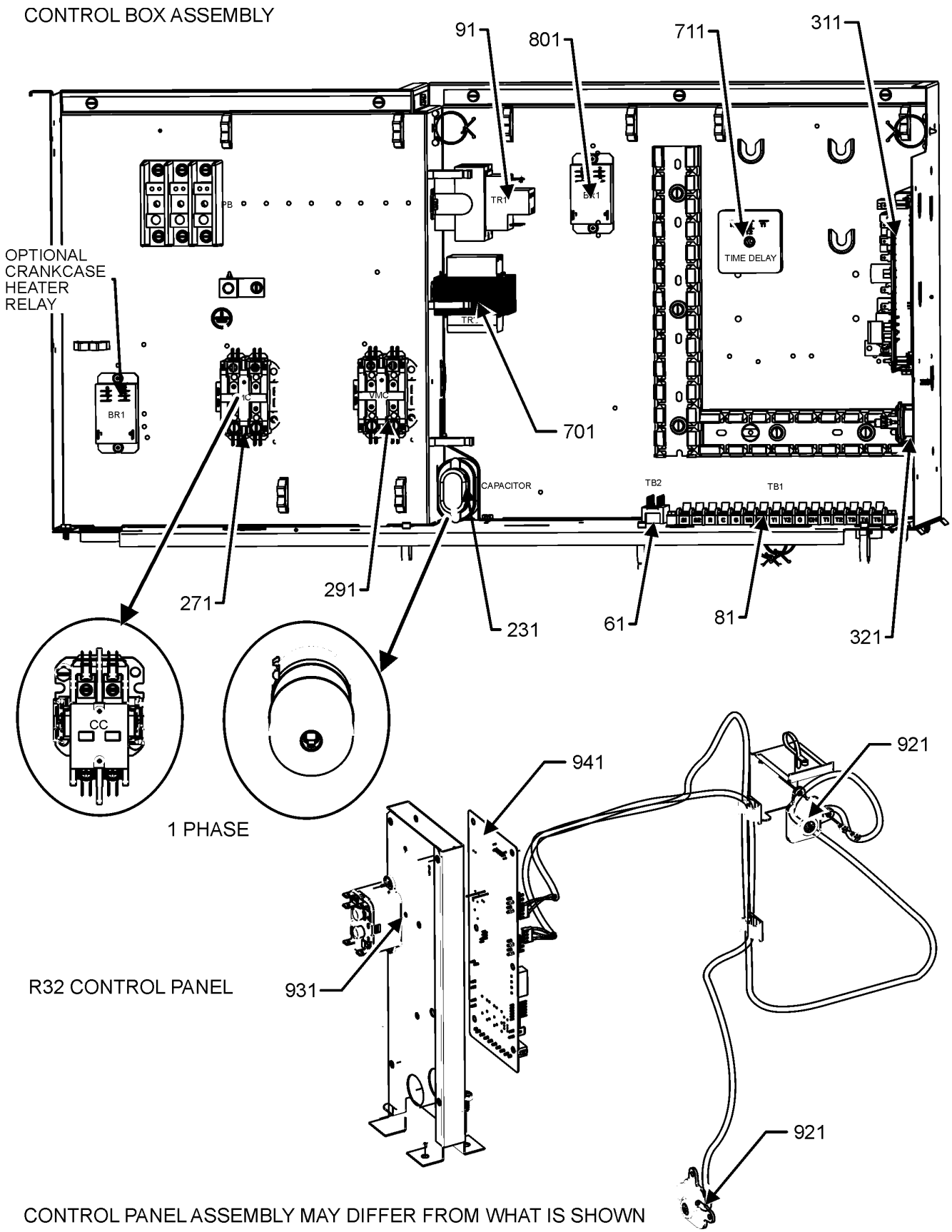
# BLOWER ASSEMBLY

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|
| ***Image 1:*** | | | | | |
| 11 | 0271L00133 | ASSY HOUSING BLWR (M1, M2, M3, M4) | | | |
| 11 | 0271L00137 | ASSY., BLOWER HOUSING (M5, M6) | | | |
| 21 | 0131L00672 | MOTOR-PROGRAMMED (M1, M3) | | | |
| 21 | 0131L00673 | MOTOR-PROGRAMMED (M2, M4) | | | |
| 21 | 0131L00682 | MOTOR-PROGRAMMED (M6) | | | |
| 21 | 0131L00683 | MOTOR-PROGRAMMED (M5) | | | |
| 31 | M0250565 | SCREW TC 1.25" (QTY 4) | | | |
| 41 | B1392918 | WASHER FLAT 1/4 IDX1OD (QTY 4) | | | |
| 51 | 0163A00008 | MOTOR MOUTING ARM (M1, M2, M3, M4) | | | |
| 61 | 10441601 | BAND-MTR MOUNT (M1, M2, M3, M4) | | | |
| 81 | 0163M00320 | HEX HEAD ALL THREAD TAP BOLT (M1, M2, M3, M4) | | | |
| 91 | B1393800 | LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2, M3, M4) | | | |
| 401 | 20162904 | LIMIT, PRIMARY | | | |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# CONTROL BOX ASSEMBLY



# CONTROL BOX ASSEMBLY

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|

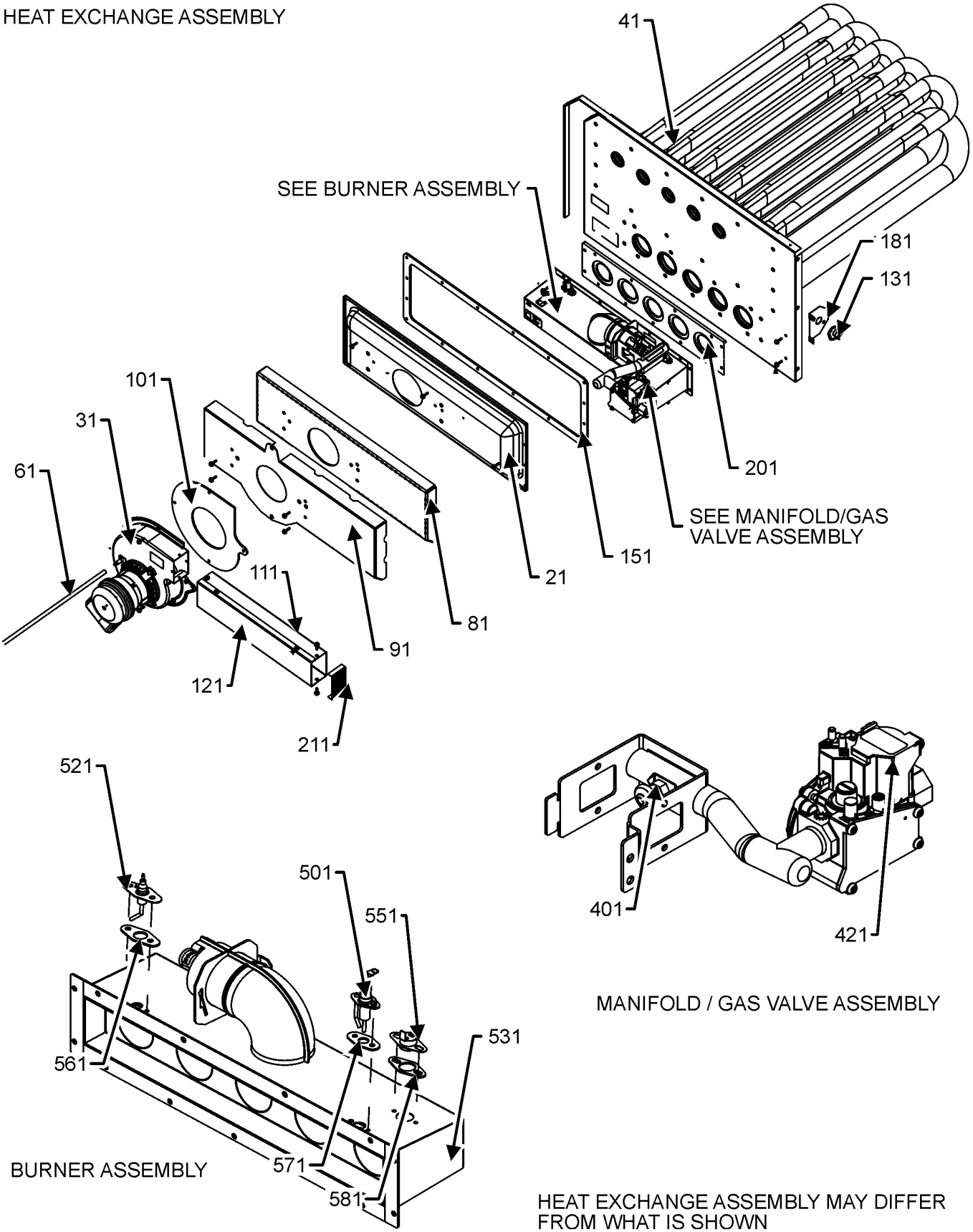
***Image 1:***

| | | |
|---|---|---|
| 61 | 802007090 | TERM BOARD |
| 81 | 0130M00038 | TERMINAL BOARD |
| 91 | 0130M00859 | TRANSFORMER |
| 231 | CAP050000370LA | CAP, 5 MFD/370V/OVAL (M3, M4) |
| 231 | CAP050350440CS | CAP, 5/35 MFD/440V/DUAL RD (M1, M2) |
| 231 | CAP040000370VA | CAPACITOR (M5, M6) |
| 271 | CONT2P040024D | CONT, 2 POLE, 40 AMP, 24VAC (M1, M2) |
| 271 | CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (M3, M4, M5, M6) |
| 291 | CONT2P040024D | CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4) |
| 291 | CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (M5, M6) |
| 311 | PCBBL216 | INTEGRATED FURNACE CONTROLLER |
| 321 | 0130M00695 | TRANSDUCER PRESSURE |
| 701 | 0130M00862 | TRANSFORMER (M5, M6) |
| 711 | B1370772 | TIME DELAY ICM 180 SEC DELAY |
| 801 | 0130M00178 | DPDT RELAY 24VAC |
| 921 | SER2A08012 | SENSATA R32 SENSOR |
| 931 | 10135604 | RELAY |
| 941 | PCBCM301V0001 | PCB CONTROL CIR HANDLER |
| NS | 0130M00510 | BLOCK, POWER (M1, M2) |
| NS | 0130M00509 | BLOCK,POWER (M3, M4, M5, M6) |
| NS | 0164M00127 | BOOT, CAPACITOR (M3, M4, M5, M6) |
| NS | 0164M00079 | BOOT-CAPACITOR, ROUND (M1, M2) |
| NS | 0130L00253 | ID PLUG |
| NS | 0130M00507 | MOTOR POWER HARNESS (M1, M2, M3, M4) |
| NS | 20520901 | STRAP-CAPACITOR |
| NS | 0259L02254 | WIRE HARNESS ASSY. |
| NS | 0259L02255 | WIRE HARNESS ASSY. |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# HEAT EXCHANGE ASSEMBLY



# HEAT EXCHANGE ASSEMBLY

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|

***Image 1:***

| | | |
|---|---|---|
| 21 | 0121L04338 | BOX, COLLECTOR |
| 31 | 0131M00972 | MOTOR VENT |
| 41 | 0270L01766 | ASSY, PANEL, PARTITION/TUBE, 4 (M2, M4, M6) |
| 41 | 0270L01767 | ASSY, PANEL, PARTITION/TUBE, 5 (M1, M3, M5) |
| 61 | 0164M00114 | HOSE PRESSURE SW 50" |
| 81 | 0154L00226 | GASKET |
| 91 | 0121L04339 | PLATE, ID BLOWER |
| 101 | 0154L00214 | GASKET ID BLOWER |
| 111 | 0121L04340 | FLUE-CHANNEL |
| 121 | 0121L04341 | FLUE-SIDE COVER |
| 131 | 0130F00035 | LIMIT, PRIMARY (M5, M6) |
| 131 | 0130M00658 | LIMIT, PRIMARY (M1, M3) |
| 131 | 0130M00663 | LIMIT, PRIMARY (M2, M4) |
| 151 | 0154L00206 | GASKET BOX COLLECTOR |
| 181 | 0121L02859 | BRACKET PRIMARY LIIMIT |
| 201 | 0154F00107 | GASKET, BRNR FRONT (M2, M4, M6) |
| 201 | 0154F00108 | GASKET, BRNR FRONT (M1, M3, M5) |
| 211 | 0163L00072 | SCREEN FLUE |
| 401 | 0263L00005 | ASSY., MANIFOLD (M2, M4, M6) |
| 401 | 0263L00009 | ASSY., MANIFOLD (M1, M3, M5) |
| 421 | 0151M00098 | 36G VALVE ULN |
| 501 | 0130M00817 | IGNITOR,ULN SPARK ELECTRODE |
| 521 | 0130F00762 | FLAME SENSOR |
| 531 | 0163L00267 | BURNER ASSY, ULN LC 80 (M1, M3, M5) |
| 531 | 0163G00016 | BURNER, ULN (M2, M4, M6) |
| 551 | 0130G00020 | SWITCH, HIGH LIMIT ULN (M2, M4, M6) |
| 551 | 0130G00022 | SWITCH, HIGH LIMIT, ULN (M1, M3, M5) |
| 561 | 0154F00068 | GASKET ULN FLAME SENSOR |
| 571 | 0154M00079 | GASKET ULN IGNITOR |
| 581 | 0154F00069 | GASKET LIMIT ULN |
| NS | 0130M00684 | IGNITION MODULE |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |

# ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC*
RP-EHS(B/D)SC*
RP-EHX(B/D)SC*

| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|

***Image 1:***

| | | |
|---|---|---|
| NS | RP-FIOPS* | ACCESSORY RP MANUAL |
| NS | RP-EHS[B/D]S* | HEATER KIT RP MANUAL |
| NS | RP-EHX[B/D]SC* | HEATER KIT RP MANUAL |
| NS | RP-HXS* | HEATER KIT RP MANUAL |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DHG0481D100001FAA |
| M2 - DHG0481D800001FAA |
| M3 - DHG0483D100001FAA |
| M4 - DHG0483D800001FAA |
| M5 - DHG0484D100001FAA |
| M6 - DHG0484D800001FAA |