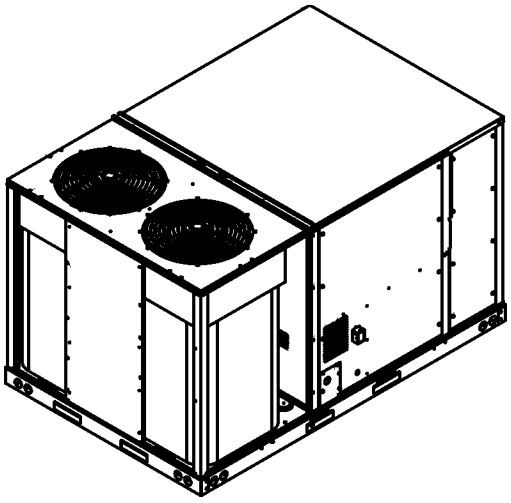
# REPAIR PARTS

## DSG 12.5 Ton HIGH STATIC Package Gas Unit

DSG1503WH00001FAA
DSG1503WL00001FAA
DSG1503WM00001FAA
DSG1504WH00001FAA
DSG1504WL00001FAA
DSG1504WM00001FAA
DSG1507WH00001FAA
DSG1507WL00001FAA
DSG1507WM00001FAA



COMMERCIAL GRADE

This manual is to be used by qualified technicians only.

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RP-D1413 www.daikinac.com September 2024

# Important Information

## Index


Functional Parts List ..... 3

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: |
|---|---|
| 0163L00006 | BURNER BECKETT |
| CAP100000370LA | CAP, 10 MFD/370V/OVAL (QTY 2) |
| YP61K1TTF5ASH | COMPRESSOR (M1, M2, M3) |
| YP61K1TTFDASH | COMPRESSOR (M4, M5, M6) |
| YP61K1TTFEASH | COMPRESSOR (M7, M8, M9) |
| CONT2P030024D | CONT, 2 POLE, 30 AMP, 24VAC |
| CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (QTY 3) |
| 0130M00178 | DPDT RELAY 24VAC (QTY 3) |
| 0150M00065 | FAN BLADE, 22' (QTY 2) |
| 0130F00010 | FLAME SENSOR |
| 0151L00000 | GAS VALVE MANIFOLD 36H |
| 0130L00251 | IGNITOR |
| 20162901 | LIMIT, PRIMARY (M1, M4, M7) |
| 0130F00071 | LIMIT, PRIMARY (M2, M5, M8) |
| 0130F00036 | LIMIT, PRIMARY (M3, M6, M9) |
| 20162904 | LIMIT, PRIMARY |
| 10123532 | LIMIT-RESET MAN-GRAY (M3, M6, M9) |
| 10123529 | LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7, M8) |
| 0131L00215 | MOTOR, BLOWER (M4, M5, M6) |
| 0131L00214 | MOTOR, BLOWER (M1, M2, M3) |
| 0131L00216 | MOTOR, BLOWER (M7, M8, M9) |
| 0131M00930 | Nidec Motor, 1/2 HP (M7, M8, M9) |
| 0131M00926 | Nidec Motor, 1/2 HP (M4, M5, M6) |
| 0131M00925 | Nidec Motor, 1/2 HP (M1, M2, M3) |
| PCBCM301V0001 | PCB CONTROL AIR HANDLER |
| PCBAG123 | PCB IGNITION DSI INTEG |
| 0131L00458 | PROGRAMMED MOTOR CONTROLLER (M1, M4, M7) |
| 0131L00459 | PROGRAMMED MOTOR CONTROLLER (M2, M5, M8) |
| 0131L00460 | PROGRAMMED MOTOR CONTROLLER (M3, M6, M9) |
| 10135604 | RELAY |
| SER2A08012 | SENSATA R32 SENSOR |
| 0130M00730 | SWITCH, HIGH PRESSURE (QTY 2) |
| 0130M00732 | SWITCH, LOW PRESSURE (QTY 2) |
| 11112501 | SWITCH-PRESSURE |
| B1370772 | TIME DEALY ICM 180SEC DELA |
| 0130M00859 | TRANSFORMER (M1, M2, M3) |
| 0130M00861 | TRANSFORMER (M7, M8, M9) |
| 0130M00858 | TRANSFORMER (M4, M5, M6) |
| 0130M00860 | TRANSFORMER (M7, M8, M9) |
| 0130M00862 | TRANSFORMER (M4, M5, M6) |
| 0131L00120 | VENT MOTOR |

**Expanded Model Nomenclature**

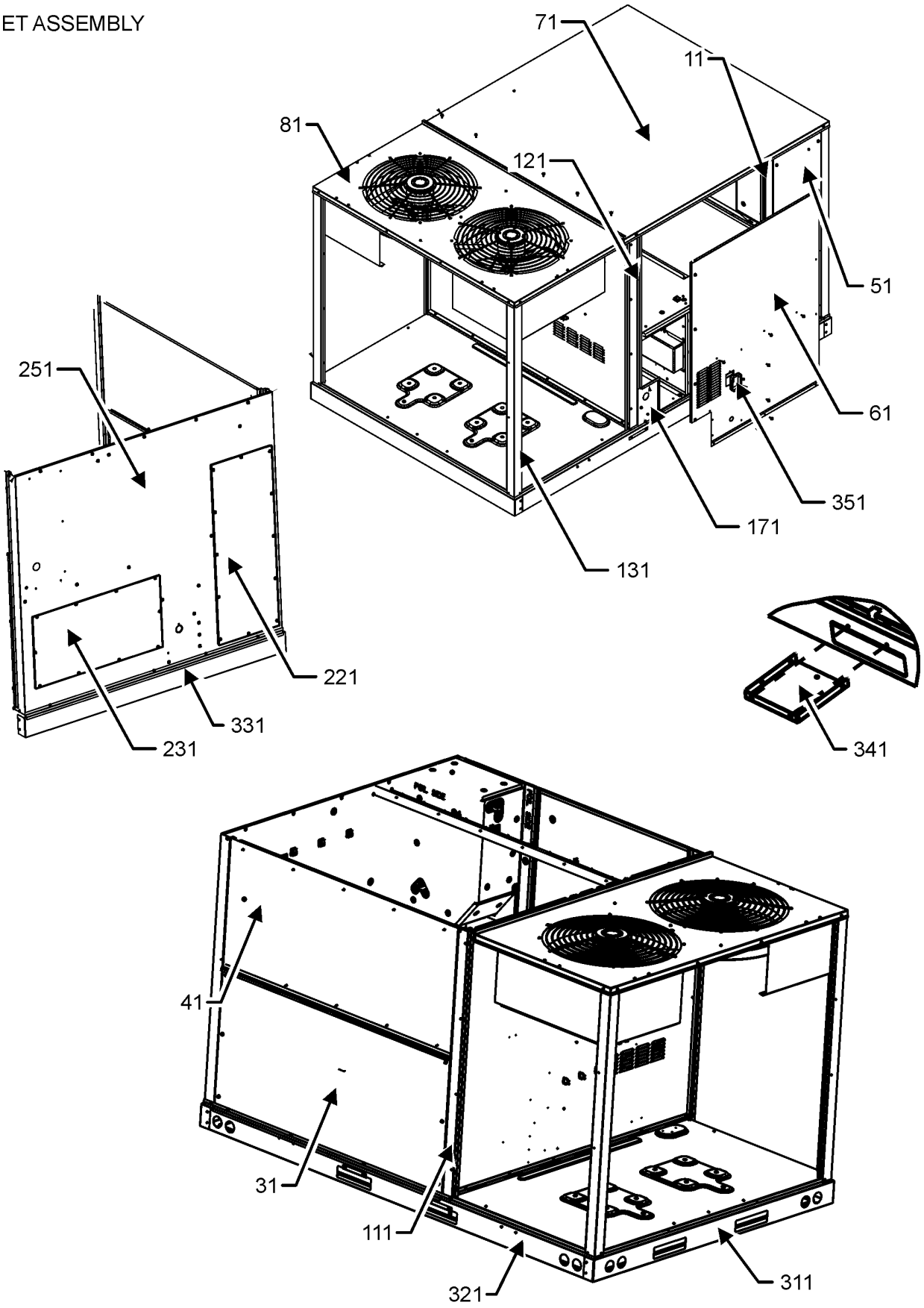
| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

**SPECIAL PARTS**

| | |
|---|---|
| RP-FIOPM* | ACCESSORY RP MANUAL |
| RP-HXM* | ACCESSORY RP MANUAL |

# CABINET ASSEMBLY

CABINET ASSEMBLY




CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# CABINET ASSEMBLY

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

***Image 1:***

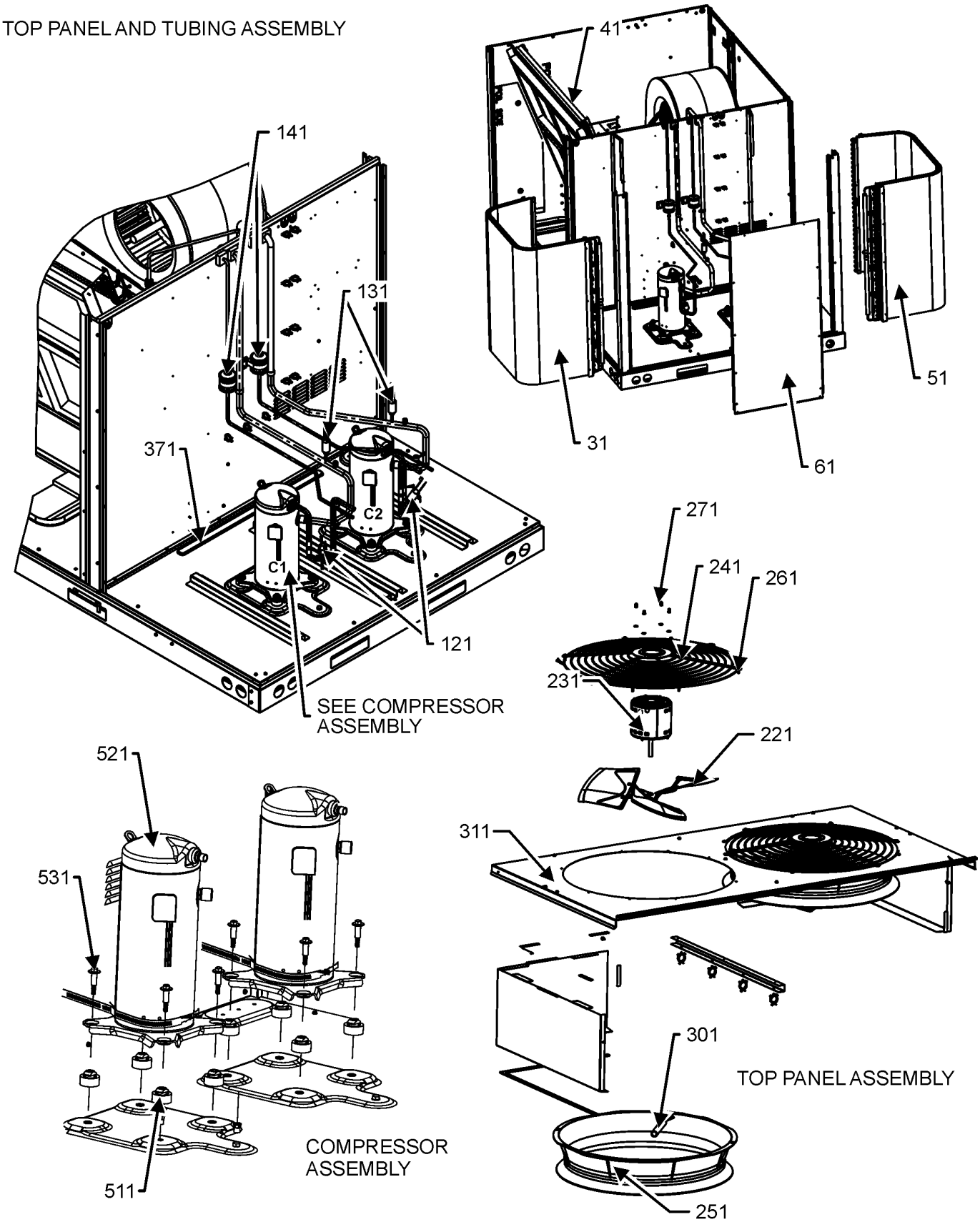
| | | |
|---|---|---|
| 11 | 0121L04041SB | PAINTED SIDE POST |
| 31 | 0121L04312SB | PAINTED, ECONOMIZER PANEL |
| 41 | 0121L04447SB | PAINTED, PANEL, FILTER |
| 51 | 0121L02952SB | PAINTED CONTROL PANEL |
| 61 | 0121L03822SB | PAINTED BLOWER PANEL |
| 71 | 0121L04551SB | PAINTED, PANEL, TOP INDOOR |
| 81 | 0121L05353SB | PAINTED, PANEL, TOP OUTDOOR |
| 111 | 0121L03187SB | PAINTED, SIDE POST |
| 121 | 0121L03469SB | PAINTED, SIDE POST |
| 131 | 0121L04552SB | PAINTED, PANEL, CORNER POST (QTY 2) |
| 221 | 0121L03508SB | PAINTED COVER DUCT RETURN |
| 231 | 0121L02921SB | PAINTED COVER DUCT SUPPLY |
| 251 | 0121L05651SB | PAINTED, PANEL DUCT |
| 311 | 0121L04565 | END RAIL |
| 321 | 0121L04764 | SIDE RAIL (QTY 2) |
| 331 | 0121L05103 | RAIL, END |
| 341 | 0121L03727 | BRACKET-FORK BOARD (QTY 4) |
| 351 | 0121L03481SB | PAINTED BRKT FLUE COLLAR |
| NS | 0160L00137 | AIR FILTER (QTY 2) |
| NS | 0160L00267 | AIR FILTER (QTY 2) |
| NS | 0141L00084 | BOARD FORK (QTY 2) |
| NS | 0270L02745 | FILTER RACK ASSEMBLY |
| NS | 0121L04612SB | PAINTED COVER-DISC SWITCH |
| NS | 0121L03958SB | PAINTED, DRAIN PAN COVER |
| NS | 0121L03932SB | PNT, CONVENIENCE COVER LT COMM |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

# TOP PANEL AND TUBING ASSEMBLY

TOP PANEL AND TUBING ASSEMBLY




TOP PANEL AND TUBING ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# TOP PANEL AND TUBING ASSEMBLY

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

***Image 1:***

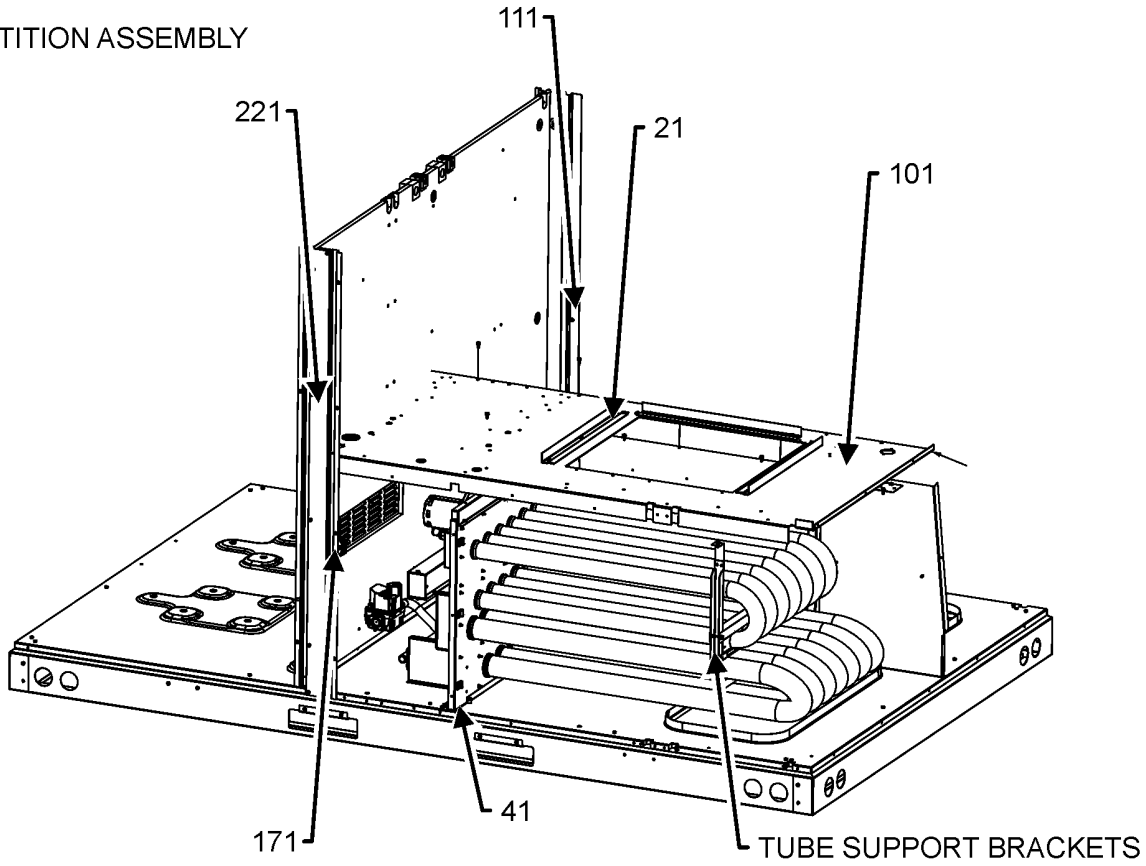
| | | |
|---|---|---|
| 31 | 0201L00907 | ASSY., COND COIL, BENT |
| 41 | 0202L00710 | EVAP COIL CIRCUITING ASSEMBLY |
| 51 | 0201L00908 | ASSY., COND COIL, BENT |
| 61 | 0121L04869SB | PAINTED COIL BLOCKOFF |
| 121 | 0130M00730 | SWITCH, HIGH PRESSURE (QTY 2) |
| 131 | 0130M00732 | SWITCH, LOW PRESSURE (QTY 2) |
| 141 | 0151M00106 | FILTER/DRIER-BI-FLOW (QTY 4) |
| 221 | 0150M00065 | FAN BLADE, 22' (QTY 2) |
| 231 | 0131M00925 | Nidec Motor, 1/2 HP (M1, M2, M3) |
| 231 | 0131M00926 | Nidec Motor, 1/2 HP (M4, M5, M6) |
| 231 | 0131M00930 | Nidec Motor, 1/2 HP (M7, M8, M9) |
| 241 | 0152G00000 | FAN GRILLE, RAISED (QTY 2) |
| 251 | 0161R00048 | MOLDED RING VENTURI 22 (QTY 2) |
| 261 | 0163M00004 | SCREW #10X3/4 BLK (QTY 16) |
| 271 | 0163M00006P | NUT, ACORN 5/16 HEX BLACK (QTY 8) |
| 301 | 0161R00124 | CONDUIT (QTY 2) |
| 311 | 0121L05353SB | PAINTED, PANEL, TOP OUTDOOR |
| 371 | 0121L04115 | CHANNEL |
| 511 | B1339533 | GROMMET, COMPRESSOR (QTY 8) |
| 521 | YP61K1TTF5ASH | COMPRESSOR (M1, M2, M3) |
| 521 | YP61K1TTFDASH | COMPRESSOR (M4, M5, M6) |
| 521 | YP61K1TTFEASH | COMPRESSOR (M7, M8, M9) |
| 531 | B1393740 | COMP BOLT & SLEEVE (QTY 8) |
| NS | 0159L00066 | HARNESS, COMP SCROLL (M4, M5, M6, M7, M8, M9) |
| NS | 0159L00068 | HARNESS, COMP SCROLL (M1, M2, M3) |
| NS | 0159L00153 | HARNESS, COMP SCROLL (M4, M5, M6, M7, M8, M9) |
| NS | 0159L00154 | HARNESS, COMP SCROLL (M1, M2, M3) |
| NS | 0251L00203 | TXV, & FLOWRATOR ASSEMBLY |
| NS | 0251L00204 | TXV, & FLOWRATOR ASSEMBLY |
| NS | M0272803 | WASHER LOCK (QTY 2) |
| NS | 0163M00005P | WASHER, BLACK .50OD.218ID (QTY 8) |

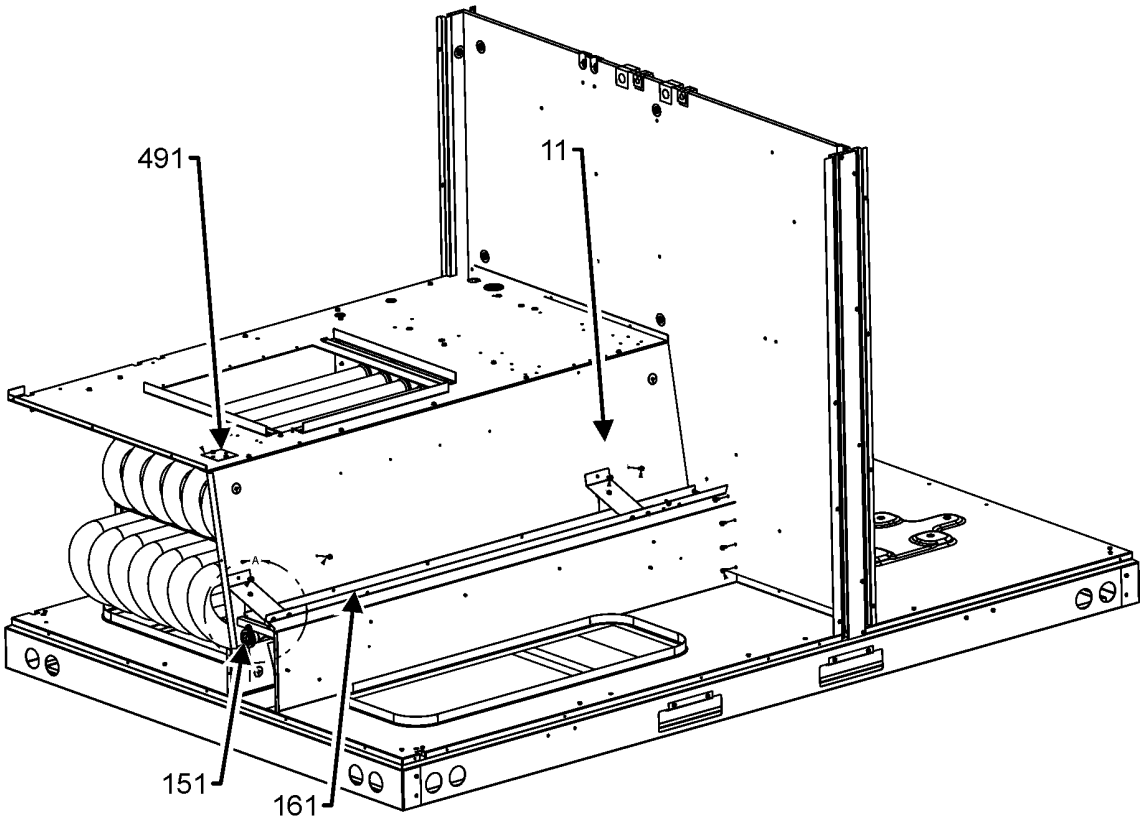
**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

# PARTITION ASSEMBLY

PARTITION ASSEMBLY




PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# PARTITION ASSEMBLY

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

***Image 1:***

| | | |
|---|---|---|
| 11 | 0121L05504 | PANEL, BLOWER DECK BOTTOM |
| 21 | 0121L05524 | BLOWER SLIDE PLATE (QTY 3) |
| 41 | 0121L02337 | HEAT EXCHANGER RAIL |
| 41 | 0121L03676 | HEAT EXCHANGER RAIL |
| 101 | 0121L05380 | PANEL, BLOWER DECK |
| 111 | 0121L03187SB | PAINTED SIDE POST |
| 151 | 0154L00180 | GASKET, DRAIN PAN |
| 161 | 0161L00002 | DRAIN PAN EVAP 7TO12 |
| 171 | 11112501 | SWITCH-PRESSURE |
| 221 | 0121L03469SB | PAINTED SIDE POST |
| 491 | 0121L00321 | COVER SMOKE DETECTOR |
| NS | 0121L02903 | BRACKET, TUBE SUPPORT |
| NS | 0121L02904 | BRACKET, TUBE SUPPORT |
| NS | 0121L04886 | BRACKET, TUBE SUPPORT |
| NS | 0121L02929 | BRACKET,MOUNT SUPPORT TUBE |
| NS | 0154L00157 | GASKET |
| NS | 0163L00071 | PLUG, DRAIN |

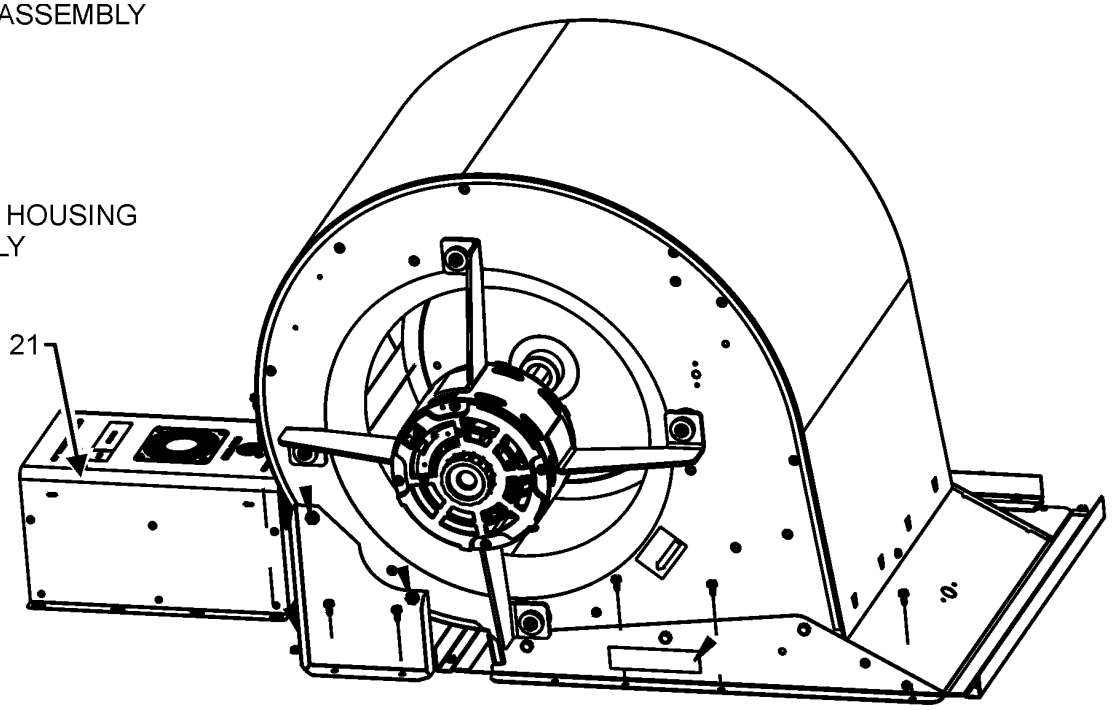
**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

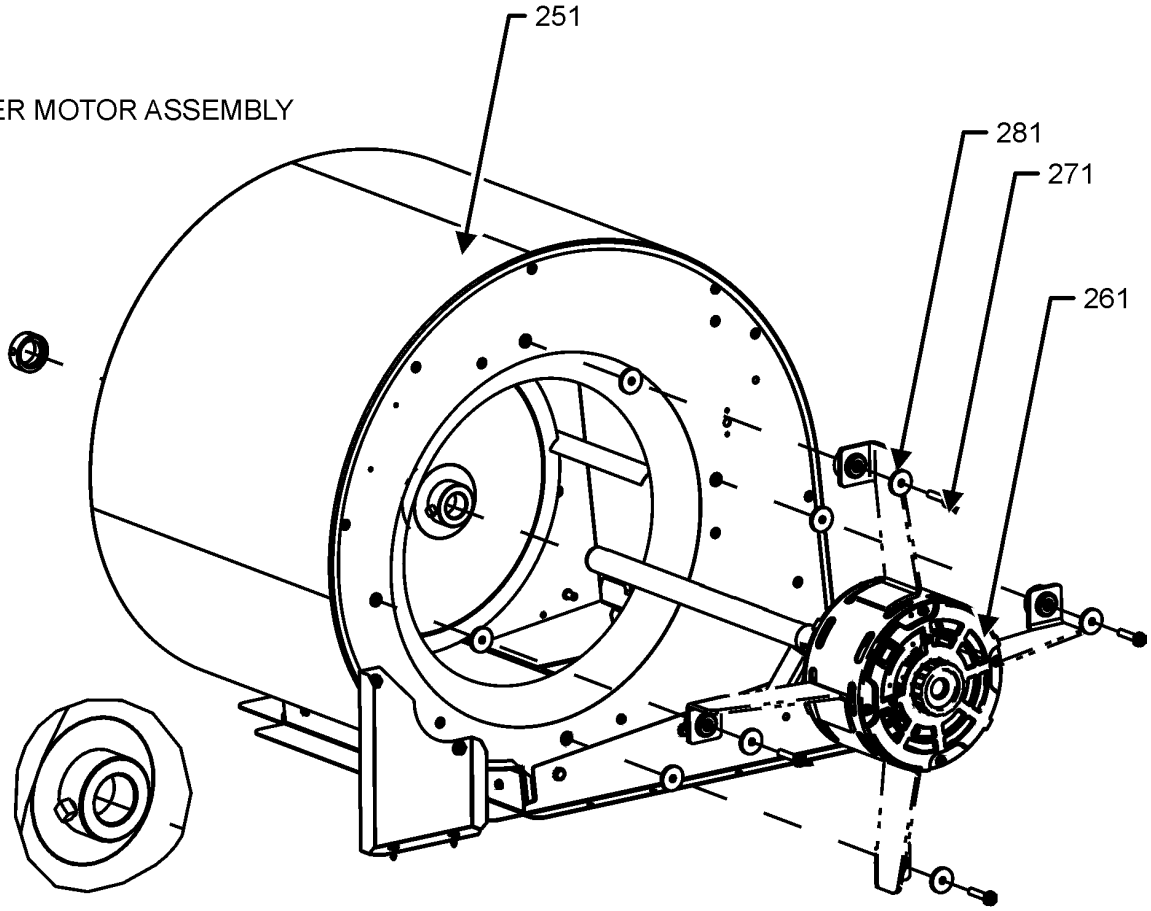
# BLOWER ASSEMBLY

BLOWER ASSEMBLY

BLOWER HOUSING ASSEMBLY




BLOWER MOTOR ASSEMBLY




BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

# BLOWER ASSEMBLY

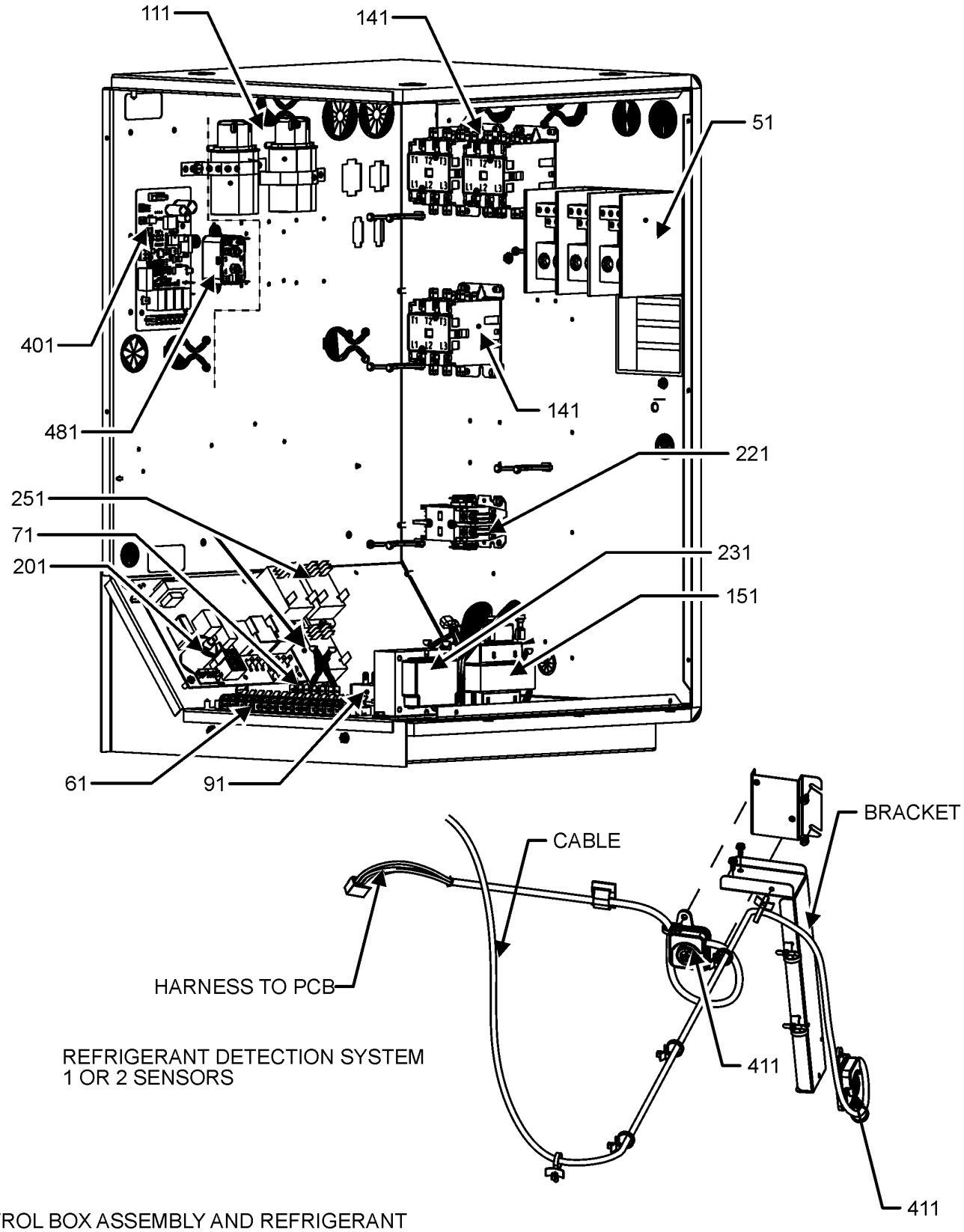
| Ref. No: | Part No: | Description: | Ref. No: | Part No: | Description: |
|---|---|---|---|---|---|
| ***Image 1:*** | | | | | |
| 21 | 0131L00458 | PROGRAMMED MOTOR CONTROLLER (M1, M4, M7) | | | |
| 21 | 0131L00459 | PROGRAMMED MOTOR CONTROLLER (M2, M5, M8) | | | |
| 21 | 0131L00460 | PROGRAMMED MOTOR CONTROLLER (M3, M6, M9) | | | |
| 251 | 0271L00148 | ASSY, BLOWER PURCHASED 16X18 | | | |
| 261 | 0131L00214 | MOTOR, BLOWER (M1, M2, M3) | | | |
| 261 | 0131L00215 | MOTOR, BLOWER (M4, M5, M6) | | | |
| 261 | 0131L00216 | MOTOR, BLOWER (M7, M8, M9) | | | |
| 271 | M0250565 | SCREW-TC 1.25" (QTY 4) | | | |
| 281 | B1392918 | WASHER FLAT 1/4IDX1OD (QTY 8) | | | |
| NS | 20162904 | LIMIT, PRIMARY | | | |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

# CONTROL BOX AND REFRIGERANT ASSY

CONTROL BOX ASSEMBLY AND REFRIGERANT DETECTION SYSTEM




REFRIGERANT DETECTION SYSTEM
1 OR 2 SENSORS

CONTROL BOX ASSEMBLY AND REFRIGERANT
DETECTION SYSTEM MAY DIFFER FROM WHAT IS SHOWN

# CONTROL BOX AND REFRIGERANT ASSY

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

***Image 1:***

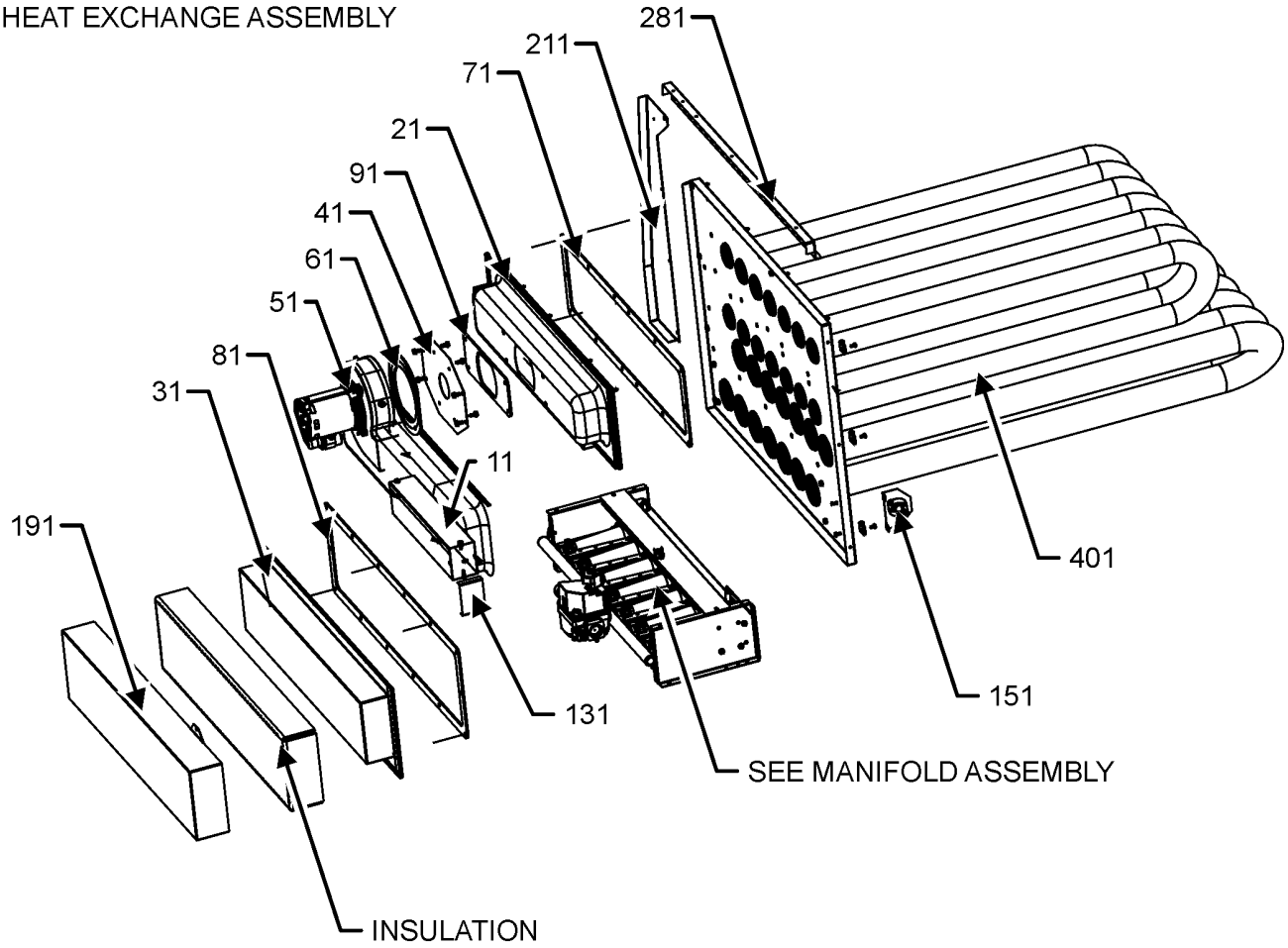
| | | |
|---|---|---|
| 51 | 0130L00217 | POWER,BLOCK |
| 61 | 0130M00038 | TERMINAL BOARD |
| 71 | 802007090 | TERM BOARD |
| 91 | B1370772 | TIME DEALY ICM 180SEC DELA |
| 111 | CAP100000370LA | CAP, 10 MFD/370V/OVAL (QTY 2) |
| 141 | CONT3P030024D | CONT, 3 POLE, 30 AMP, 24VAC (QTY 3) |
| 151 | 0130M00858 | TRANSFORMER (M4, M5, M6) |
| 151 | 0130M00859 | TRANSFORMER (M1, M2, M3) |
| 151 | 0130M00861 | TRANSFORMER (M7, M8, M9) |
| 201 | PCBAG123 | PCB IGNITION DSI INTEG |
| 221 | CONT2P030024D | CONT, 2 POLE, 30 AMP, 24VAC |
| 231 | 0130M00860 | TRANSFORMER (M7, M8, M9) |
| 231 | 0130M00862 | TRANSFORMER (M4, M5, M6) |
| 251 | 0130M00178 | DPDT RELAY 24VAC (QTY 3) |
| 401 | PCBCM301V0001 | PCB CONTROL AIR HANDLER |
| 411 | SER2A08012 | SENSATA R32 SENSOR |
| 481 | 10135604 | RELAY |
| NS | 0164M00127 | BOOT, CAPACITOR (QTY 2) |
| NS | 20520901 | STRAP-CAPACITOR (QTY 7) |
| NS | 0259L02282 | WIRE HARNESS ASSY |
| NS | 0259L02449 | WIRE HARNESS ASSY |

**Expanded Model Nomenclature**

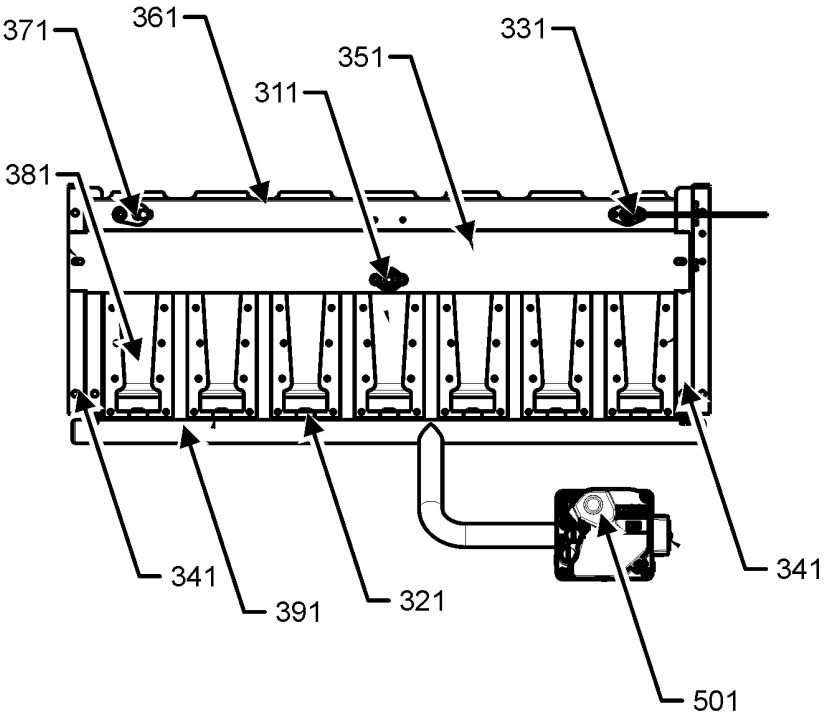
| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

# HEAT EXCHANGE ASSEMBLY

HEAT EXCHANGE ASSEMBLY




MANIFOLD ASSEMBLY




HEAT EXCHANGE ASSY MAY DIFFER FROM WHAT IS SHOWN

# HEAT EXCHANGE ASSEMBLY

| Ref. No: | Part No: | Description: |
|---|---|---|
| ***Image 1:*** | | |
| 11 | 0121L03623 | FLUE HT EXCH (QTY 2) |
| 21 | 0121L01666 | COLLECTOR BOX |
| 31 | 0121L01667 | COLLECTOR BOX |
| 41 | 0121L03193 | PLATE, ORIFICE (M2, M5, M8) |
| 41 | 0121L04771 | PLATE, ORIFICE (M3, M6, M9) |
| 41 | 0121L05020 | PLATE, ORIFICE (M1, M4, M7) |
| 51 | 0131L00120 | VENT MOTOR |
| 61 | 0154L00141 | GASKET |
| 71 | 0154L00039 | GASKET |
| 81 | 0154L00038 | GASKET |
| 91 | 0154L00228 | GASKET |
| 131 | 0163L00006 | SCREEN FLUE |
| 151 | 0130F00036 | LIMIT, PRIMARY (M3, M6, M9) |
| 151 | 0130F00071 | LIMIT, PRIMARY (M2, M5, M8) |
| 151 | 20162901 | LIMIT, PRIMARY (M1, M4, M7) |
| 191 | 0121L02660 | COVER INSUL BOX COLL LOWER |
| 211 | 0121L03220 | HEAT EXCHANGER BLOCKOFF |
| 281 | 0121L03221 | SUPPORT BLOCKOFF HT EXCH |
| 311 | 10123532 | LIMIT-RESET MAN-GRAY (M3, M6, M9) |
| 311 | 10123529 | LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7, M8) |
| 321 | 0163L00007 | ORIFICE (M1, M4, M7) |
| 321 | 0163L00021 | ORIFICE (M3, M6, M9) |
| 321 | 0163L00195 | ORIFICE (M2, M5, M8) |
| 331 | 0130L00251 | IGNITOR |
| 341 | 0121L02998 | BRACKET SUPPORT BURNER (QTY 2) |
| 351 | 0121L03025 | BRACKET, ROLLOUT, FLAME, BR, 5 (M2, M5, M8) |
| 351 | 0121L03024 | BRACKET, ROLLOUT, FLAME, BR, 6 (M3, M6, M9) |
| 351 | 0121L03023 | BRACKET, ROLLOUT, FLAME, BR, 7 (M1, M4, M7) |
| 361 | 0121L05019 | BRACKET, 7 BURNER (M1, M4, M7) |
| 361 | 0121L02692 | BRACKET, BURNER, 5 (M2, M5, M8) |
| 361 | 0121L02691 | BRACKET, BURNER, 6 (M3, M6, M9) |
| 371 | 0130F00010 | FLAME SENSOR |
| 381 | 0163L00006 | BURNER BECKETT |
| 391 | 0163L00144 | MANIFOLD (M1, M4, M7) |
| 391 | 0163L00145 | MANIFOLD (M3, M6, M9) |
| 391 | 0163L00162 | MANIFOLD (M2, M5, M8) |
| 401 | 0270L01355 | ASSY., PANEL PARTITION (M1, M4, M7) |
| 401 | 0270L01356 | ASSY., PANEL PARTITION (M3, M6, M9) |
| 401 | 0270L01357 | ASSY., PANEL PARTITION (M2, M5, M8) |
| 501 | 0151L00000 | GAS VALVE MANIFOLD 36H |
| NS | 0121L02859 | BRACKET, LIMIT PRIMARY |
| NS | 0259L01055 | WIRE HARNESS ASSY |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |

# ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

# RP-FIOPMC

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

***Image 1:***

| | | |
|---|---|---|
| NS | RP-FIOPM* | ACCESSORY RP MANUAL |
| NS | RP-HXM* | ACCESSORY RP MANUAL |

**Expanded Model Nomenclature**

| |
|---|
| M1 - DSG1503WH00001FAA |
| M2 - DSG1503WL00001FAA |
| M3 - DSG1503WM00001FAA |
| M4 - DSG1504WH00001FAA |
| M5 - DSG1504WL00001FAA |
| M6 - DSG1504WM00001FAA |
| M7 - DSG1507WH00001FAA |
| M8 - DSG1507WL00001FAA |
| M9 - DSG1507WM00001FAA |