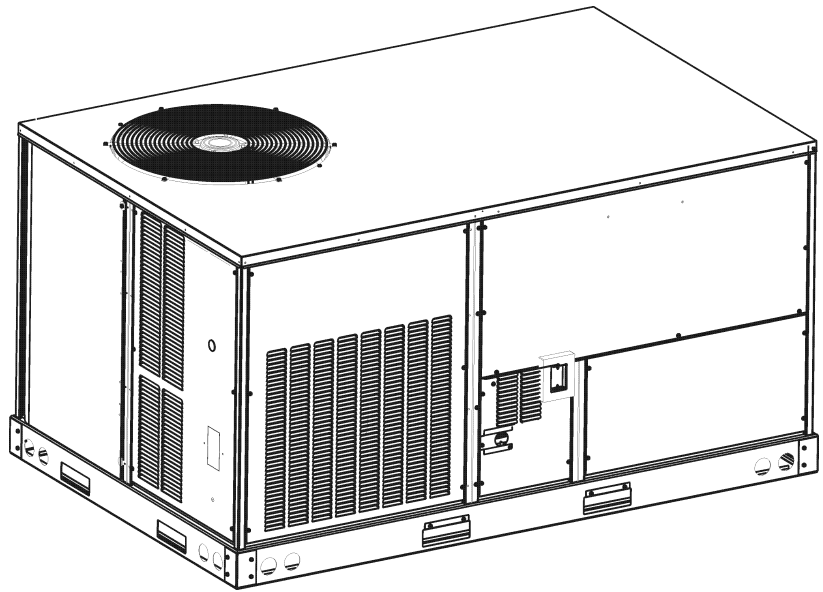


## DP16G "M" Series Residential Package Gas Unit

DP16GM6014041AA



This manual is to be used by qualified technicians only.

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## Important Information

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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

M1 - Model#1

M2 - Model#2

M3 - Model#3

Daikin Company, 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 Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Company, 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:

Homeowner Support

Daikin North America, LLC

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 North America, LLC

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

# Functional Parts

## Part

No: Description:

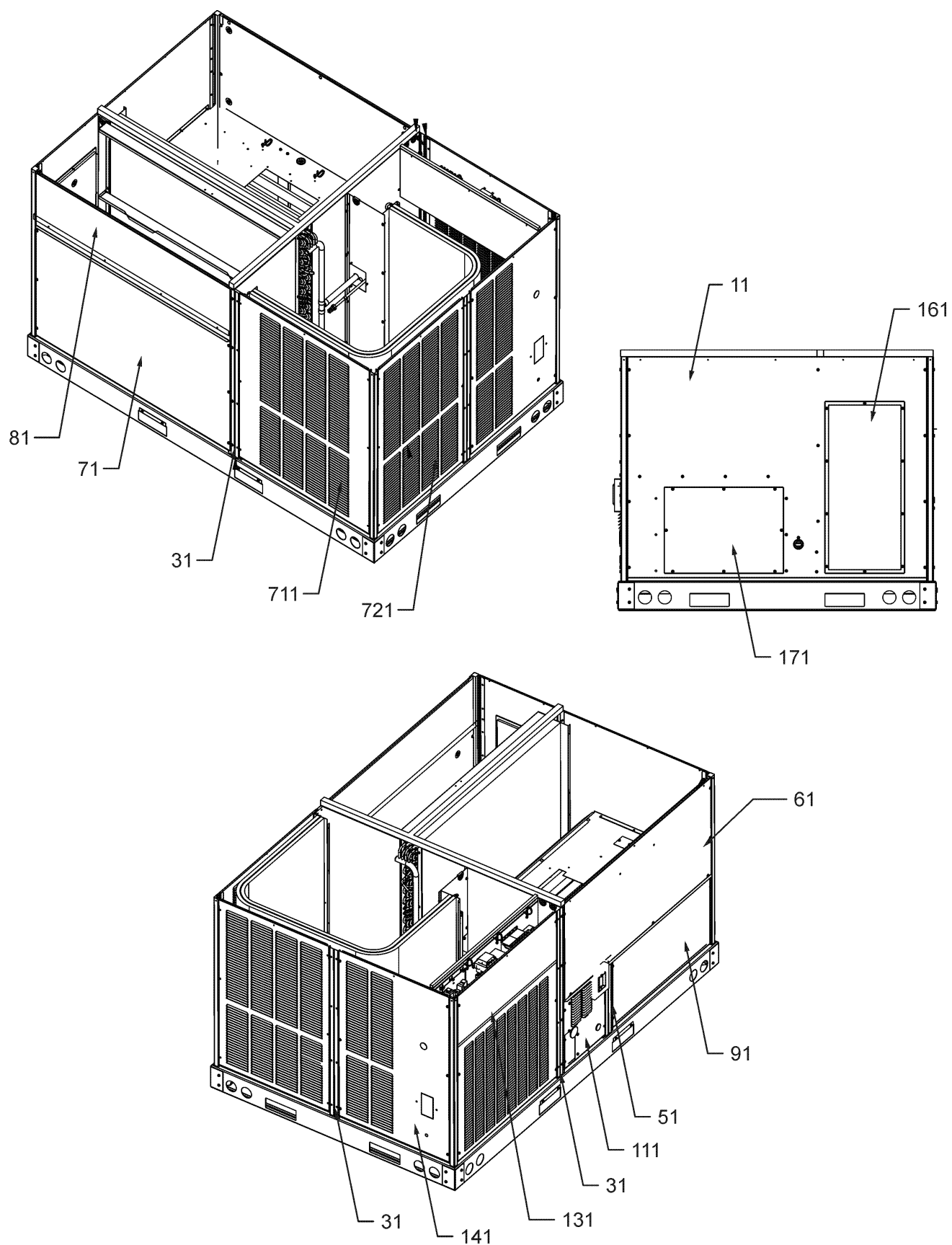
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|                |                                   |
|----------------|-----------------------------------|
| 0130M00025     | 24V RELAY                         |
| 20269903       | AUXILIARY LIMIT, AUTO RESET       |
| B1368000       | BLOWER WHEEL 11 X 10              |
| CAP100400440CT | CAP, 10/40 MFD, 440V/ DUAL RD     |
| ZPS49K5EPFV130 | COMPRESSOR 49100, 208/230/60/1    |
| 0131M00430     | COND MOTOR 1/3 HP, 1 SP, 6 PL     |
| CONT2P040024V  | CONTACTOR 40 AMP, 2P, 24V         |
| 0130M00074     | CUT-OUT SWITCH, HIGH PRESSURE     |
| 0130M00087     | CUT-OUT SWITCH, LOW PRESSURE      |
| 0130F00010     | FLAME SENSOR                      |
| 0151F00000P    | GAS VALVE - WHITE-RODGERS 2-STAGE |
| PCBAG123       | IGNITION BOARD, DSI INTEGRATED    |
| 20261709       | IGNITOR                           |
| 0130F00105     | LIMIT SWITCH                      |
| 10123532       | MANUAL RESET LIMIT 350°F          |
| 0131M00637     | MOTOR-1 HP PROGRAMMED EON         |
| PCBEM102       | PCB, ECM PRIMARY, VSTB            |
| 11112501       | PRESSURE SWITCH                   |
| 0130M00138     | TRANSFORMER 208/230, 24V          |
| 0151M00050     | VALVE, NXT                        |

## Expanded Model Nomenclature

|                      |
|----------------------|
| M1 - DP16GM6014041AA |
|----------------------|

# Cabinet Assy



# Cabinet Assy

## Ref. Part

No: No: Description:

## Ref. Part

No: No: Description:

### Image 1:

|     |                |                                  |
|-----|----------------|----------------------------------|
| 11  | 0121L00342NG   | DUCT PANEL                       |
| 31  | 0121L00343RFNG | POST-SIDE RF PAINTED (QTY 2)     |
| 31  | 0121L01169RFNG | Post-Side RF, Painted [6Ton]     |
| 51  | 0121L01110RFNG | BURNER POST                      |
| 61  | 0121L01172NG   | BLOWER DOOR                      |
| 71  | 0121L00976NG   | ECONOMIZER DOOR                  |
| 81  | 0270L00363NG   | FILTER DOOR                      |
| 91  | 0121L01108NG   | HEAT EXCHANGER DOOR              |
| 111 | 0121L01438NG   | PNT, DOOR, BURNER [3-6 TON]      |
| 131 | 0121L01170NG   | LOUVERED CONTROL PANEL           |
| 141 | 0121L00354NG   | LOUVERED COMPRESSOR PANEL        |
| 161 | 0121L00023NG   | RETURN DUCT COVER                |
| 171 | 0121L00024NG   | SUPPLY DUCT COVER                |
| 711 | 0121L00355NG   | PANEL-SIDE LOUVERS, PAINTED      |
| 721 | 0121L00356NG   | PANEL-END LOUVERS, PAINTED       |
| NS  | 0164L00011     | GASKET-RUBBER, SIDE POST (QTY 3) |
| NS  | 0121L01441NG   | PNT, PANEL, BURNER DOOR 3-6TON   |
| NS  | 0121L01439     | RAIN SHIELD-DOOR                 |

### Expanded Model Nomenclature

M1 - DP16GM6014041AA

# Top and Partition Assy

IMAGE 1

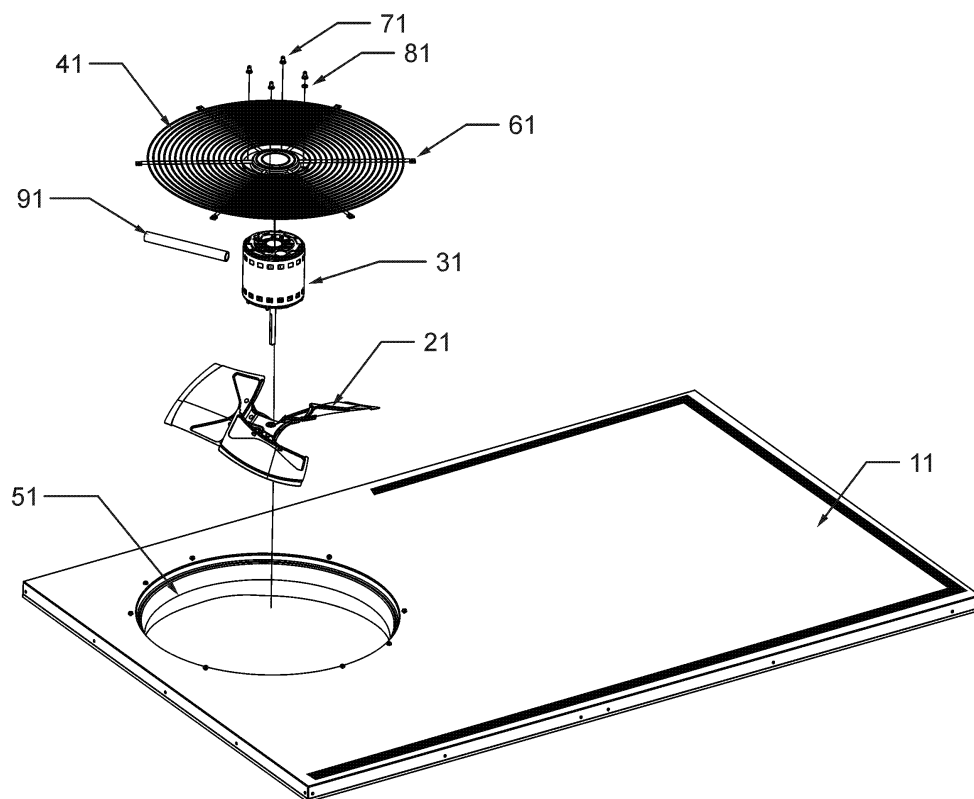
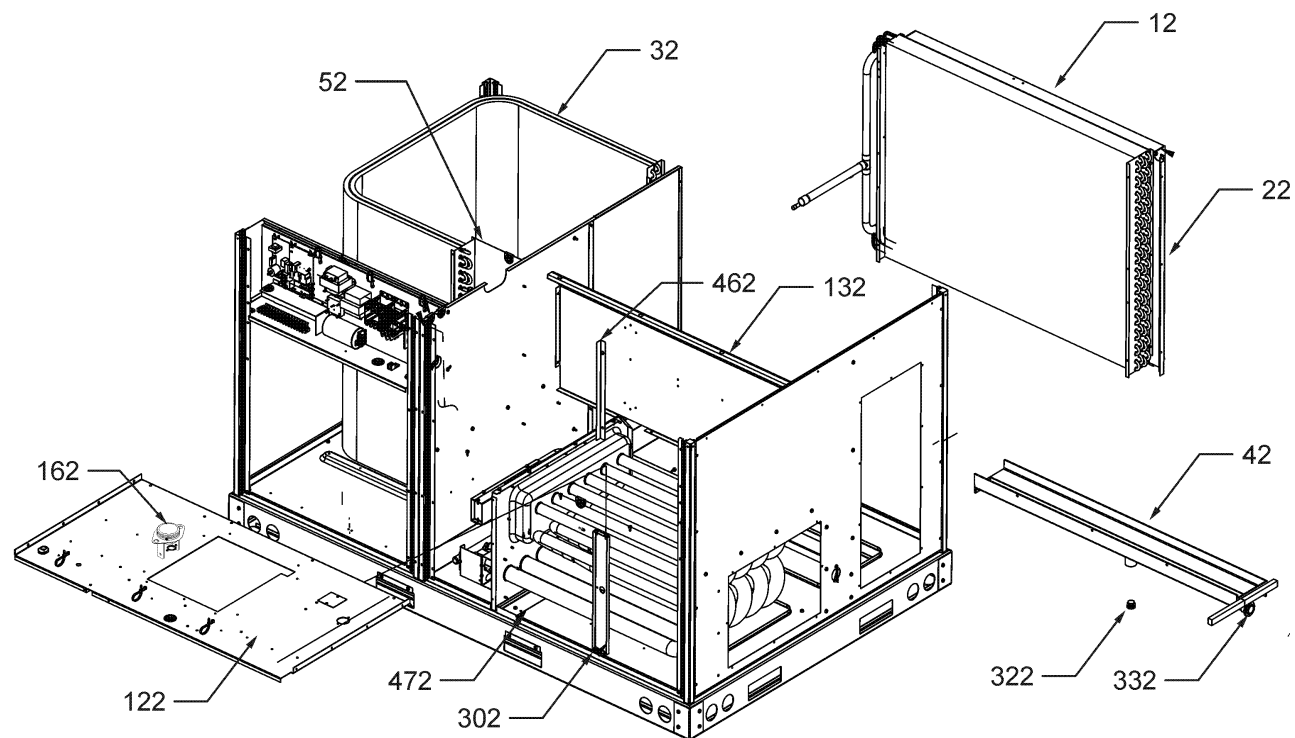


IMAGE 2



# Top and Partition Assy

## Ref. Part

No: No:

Description:

## Ref. Part

No: No:

Description:

### Image 1:

|    |              |                                       |
|----|--------------|---------------------------------------|
| 11 | 0121L00235NG | TOP PANEL                             |
| 21 | B1086765     | FAN BLADE TYPE 3                      |
| 31 | 0131M00430   | COND MOTOR 1/3 HP, 1 SP, 6 PL         |
| 41 | 0152G00003   | FAN GRILLE                            |
| 51 | 0161L00000   | VENTURI RING 22"                      |
| 61 | 0163M00004   | SCREW #10X3/4", BLACK (QTY 8)         |
| 71 | 0163M00006P  | ACORN NUT 5/16 HEX BLACK (QTY 4)      |
| 81 | 0163M00005P  | WASHER, BLACK (.50 OD .218ID) (QTY 4) |
| 91 | 17788000083F | PVC CONDUIT 8.25"                     |

### Image 2:

|     |            |                                   |
|-----|------------|-----------------------------------|
| 12  | 0202L00151 | EVAPORATOR COIL TUBING ASSY       |
| 22  | 0121L00345 | BLOCKOFF-EVAPORATOR               |
| 32  | 0201L00145 | CONDENSER COIL ASSY               |
| 42  | 0161L00005 | DRAIN PAN                         |
| 52  | 0121L00889 | BLOCKOFF-CONDENSER                |
| 122 | 0121L01442 | DECK-BLOWER                       |
| 132 | 0121L00243 | DECK SIDE CHANNEL                 |
| 162 | 0130F00105 | LIMIT SWITCH                      |
| 302 | 0121L00300 | SUPPORT POST-DECK                 |
| 322 | 0163L00071 | DRAIN PLUG                        |
| 332 | 0154L00009 | DRAIN PAN GASKET                  |
| 462 | 0121L00293 | BACK ANGLE-HEAT EXCHANGER (QTY 2) |
| 472 | 0121L00266 | HEAT PANEL CHANNEL (QTY 2)        |
| NS  | 0121L00939 | CONDENSER BLOCKOFF PLATE          |
| NS  | 0121L00238 | DRAIN PAN SUPPORT                 |
| NS  | 0121L00321 | SMOKE DETECTOR COVER              |

### Expanded Model Nomenclature

M1 - DP16GM6014041AA

# Compressor/Basepan/Tubing Assy

IMAGE 1

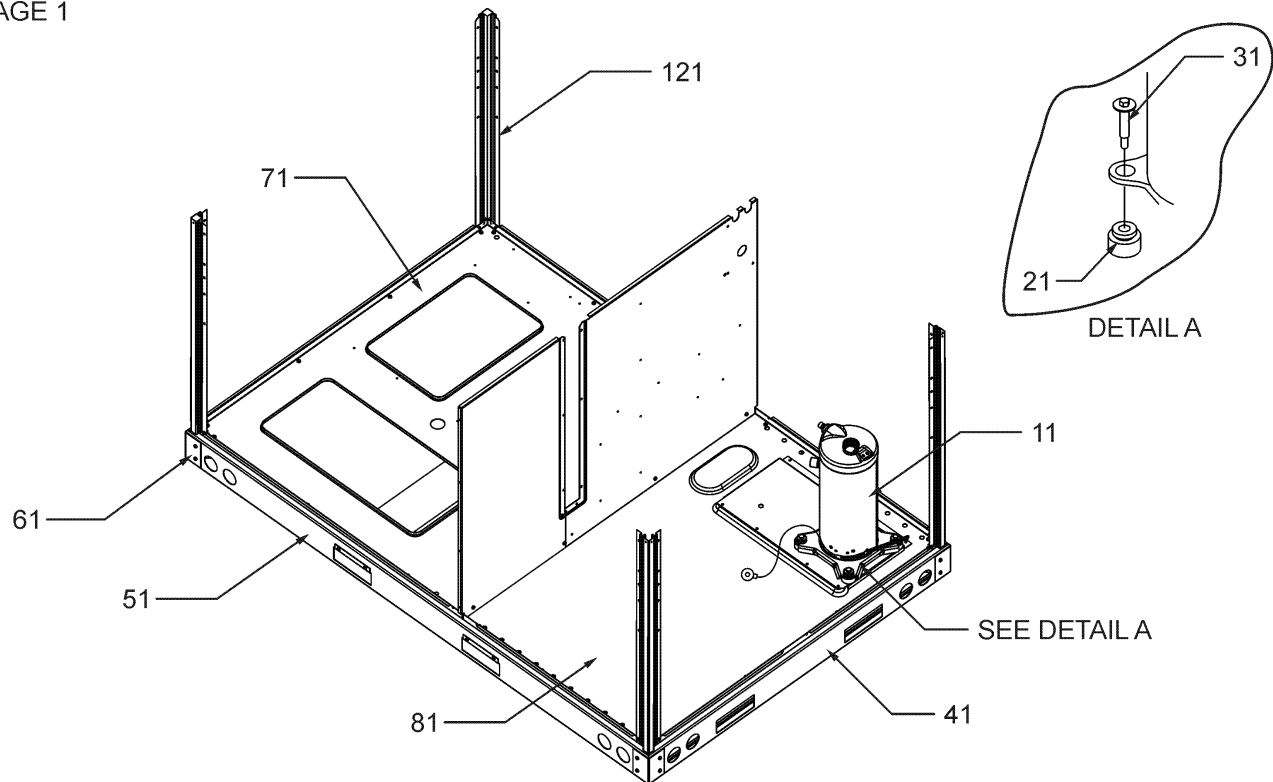
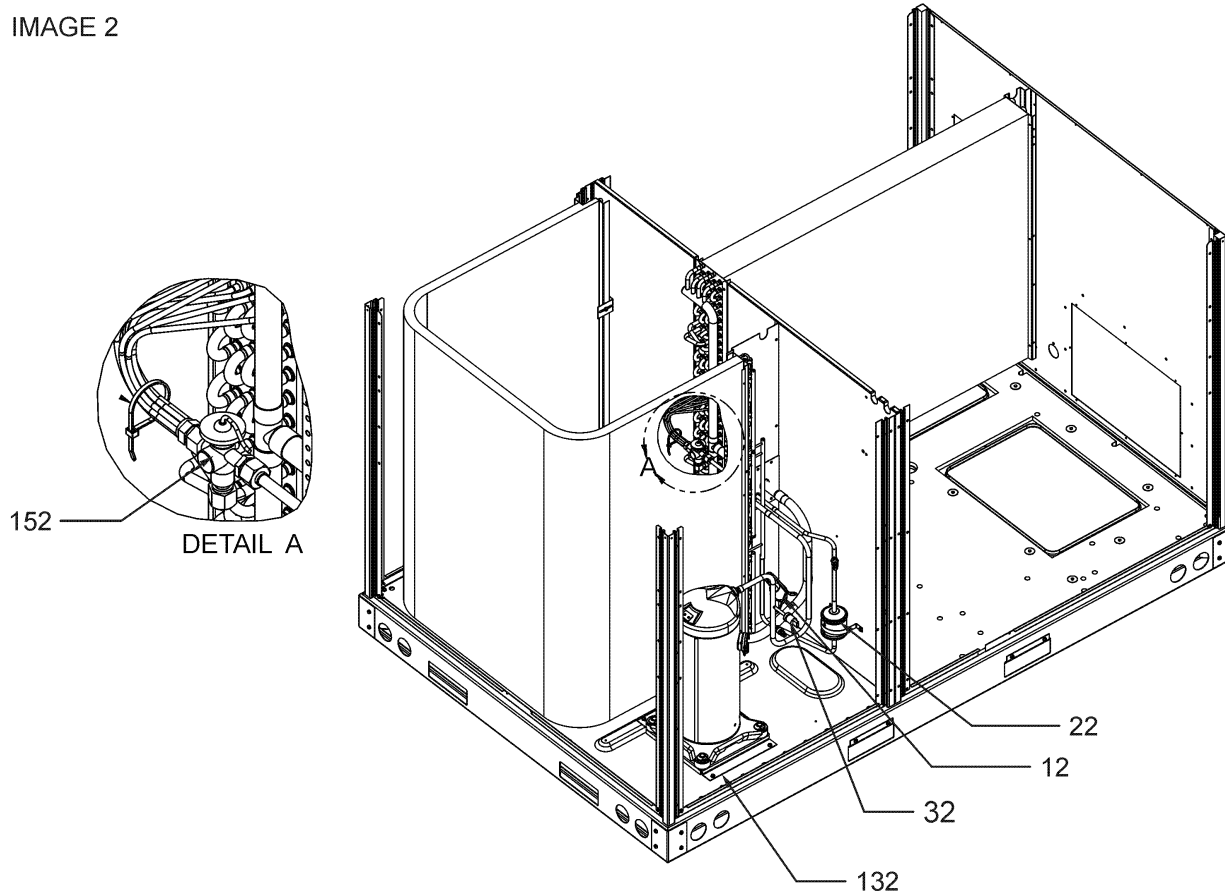


IMAGE 2



# Compressor/Basepan/Tubing Assy

## Ref. Part

No: No: Description:

## Ref. Part

No: No: Description:

### Image 1:

|     |                |                                    |
|-----|----------------|------------------------------------|
| 11  | ZPS49K5EPFV130 | COMPRESSOR 49100, 208/230/60/1     |
| 21  | B1339533       | COMPRESSOR GROMMET (QTY 4)         |
| 31  | M0221641       | TF SHOULDER SCREW (QTY 4)          |
| 41  | 0121L00245     | END RAIL (QTY 2)                   |
| 51  | 0121L00244RF   | SIDE RAIL (QTY 2)                  |
| 61  | 0121G00301     | RAIL CORNER BRACKET (QTY 4)        |
| 71  | 0121L01307     | BASE PAN-OUTDOOR                   |
| 81  | 0121L00943     | BASE PAN-INDOOR                    |
| 121 | 0121L01201RFNG | RF, PNT, POST-CORNER (QTY 4)       |
| NS  | 0121L00055     | BRACKET-FORK BOARD (QTY 4)         |
| NS  | 0159L00027     | COMPRESSOR SCROLL HARNESS          |
| NS  | B1488806       | COMPRESSOR SOUND BLANKET           |
| NS  | 0141L00003X    | FORK BOARD (QTY 2)                 |
| NS  | 0164L00009     | GASKET-RUBBER, CORNER POST (QTY 3) |

### Image 2:

|     |            |                               |
|-----|------------|-------------------------------|
| 12  | 0130M00087 | CUT-OUT SWITCH, LOW PRESSURE  |
| 22  | 20485201   | BI-FLOW FILTER DRIER          |
| 32  | 0130M00074 | CUT-OUT SWITCH, HIGH PRESSURE |
| 132 | 0121L00310 | COMPRESSOR MOUNTING PLATE     |
| 152 | 0151M00050 | VALVE, NXT                    |
| NS  | B1373315   | ACCESS FITTING (QTY 2)        |

### Expanded Model Nomenclature

|                      |
|----------------------|
| M1 - DP16GM6014041AA |
|----------------------|

# Blower/Control Box Assy

IMAGE 1

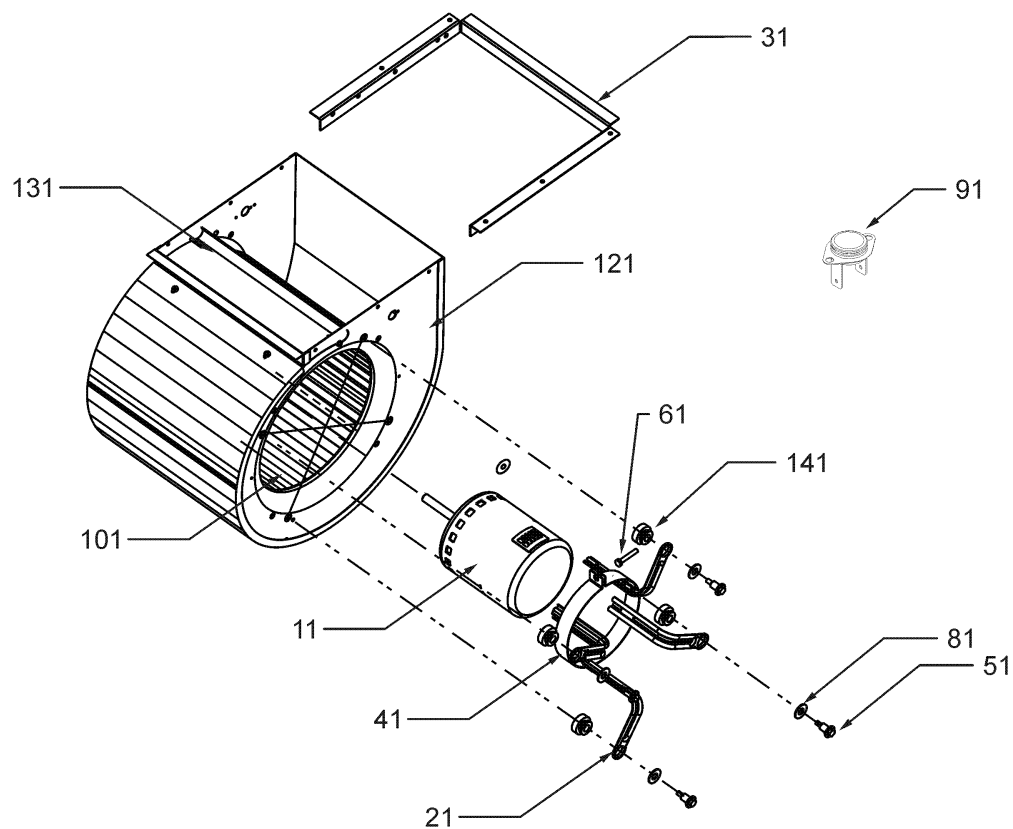
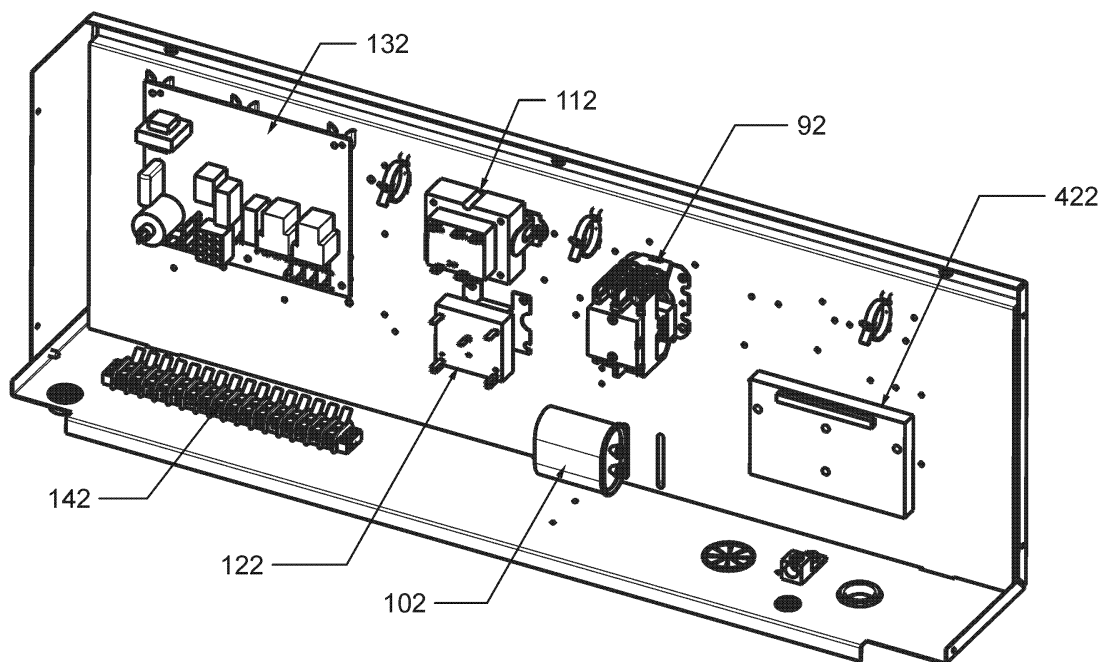


IMAGE 2



# Blower/Control Box Assy

## Ref. Part

No: No:

Description:

## Ref. Part

No: No:

Description:

### Image 1:

|     |            |                              |
|-----|------------|------------------------------|
| 11  | 0131M00637 | MOTOR-1 HP PROGRAMMED EON    |
| 21  | 10441501   | MOTOR MOUNT ARM (QTY 4)      |
| 31  | 0121L00281 | BLOWER MOUNTING ANGLE        |
| 41  | 10441601   | MOTOR MOUNT BAND             |
| 51  | M0221461   | TC SCREW (QTY 4)             |
| 61  | M0267144   | MACHINE SCREW                |
| 81  | M0274008   | WASHER-FLAT (QTY 4)          |
| 91  | 20269903   | AUXILIARY LIMIT, AUTO RESET  |
| 101 | B1368000   | BLOWER WHEEL 11 X 10         |
| 121 | 11185811   | BLOWER HOUSING 11 X 10       |
| 131 | C6121807   | BLOWER CUT-OFF               |
| 141 | A4002702   | BLOWER MOTOR GROMMET (QTY 4) |
| NS  | M0282015   | KEPS NUT                     |

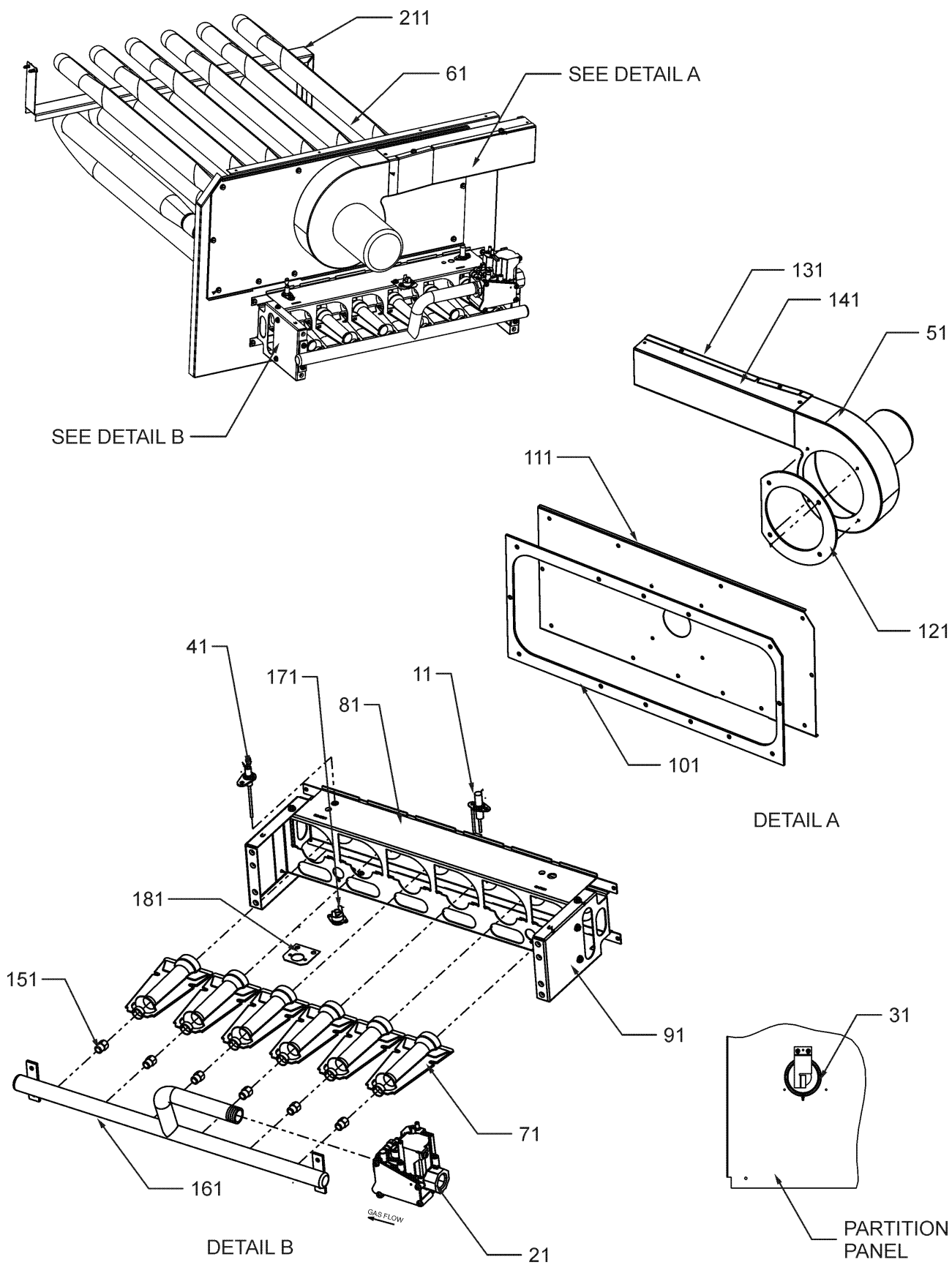
### Image 2:

|     |                |                                        |
|-----|----------------|----------------------------------------|
| 92  | CONT2P040024V  | CONTACTOR 40 AMP, 2P, 24V              |
| 102 | CAP100400440CT | CAP, 10/40 MFD, 440V/ DUAL RD          |
| 112 | 0130M00138     | TRANSFORMER 208/230, 24V               |
| 122 | 0130M00025     | 24V RELAY                              |
| 132 | PCBAG123       | IGNITION BOARD, DSI INTEGRATED         |
| 142 | 0130M00038     | TERMINAL BOARD                         |
| 422 | PCBEM102       | PCB, ECM PRIMARY, VSTB                 |
| NS  | 0159G00001     | COMPRESSOR SOLENOID CABLE              |
| NS  | 0259L00412     | HARNESS, ECONOMIZER                    |
| NS  | 0259L00125     | HARNESS, WIRING                        |
| NS  | 0259L00413     | HARNESS, WIRING                        |
| NS  | B1378701       | WIRE HARNESS, HIGH VOLTAGE (5-PIN ECM) |
| NS  | B1378700       | WIRE HARNESS, LOW VOLTAGE (16-PIN ECM) |
| NS  | 0259L00054     | WIRING HARNESS                         |
| NS  | 0259L00069     | WIRING HARNESS                         |

### Expanded Model Nomenclature

|                      |
|----------------------|
| M1 - DP16GM6014041AA |
|----------------------|

# Heat Exchanger Assy



# Heat Exchanger Assy

| Ref. Part       |             |                                   | Ref. Part |     |              |
|-----------------|-------------|-----------------------------------|-----------|-----|--------------|
| No:             | No:         | Description:                      | No:       | No: | Description: |
| <b>Image 1:</b> |             |                                   |           |     |              |
| 11              | 20261709    | IGNITOR                           |           |     |              |
| 21              | 0151F00000P | GAS VALVE - WHITE-RODGERS 2-STAGE |           |     |              |
| 31              | 11112501    | PRESSURE SWITCH                   |           |     |              |
| 41              | 0130F00010  | FLAME SENSOR                      |           |     |              |
| 51              | 0131L00002  | VENT MOTOR                        |           |     |              |
| 61              | 0270L00688  | PART/TUBE ASSY                    |           |     |              |
| 71              | 0163F00017  | BECKETT BURNER (QTY 6)            |           |     |              |
| 81              | 0121L01363  | BRACKET, BURNER 6                 |           |     |              |
| 91              | 0121F00465  | ORIFICE BRACKET-BURNER 6          |           |     |              |
| 101             | 0154L00017  | ID BLOWER PLATE GASKET 6 BRNR     |           |     |              |
| 111             | 0121L01456  | PLATE-ID BLOWER 6                 |           |     |              |
| 121             | 0154L00007  | GASKET, BLOWER/ORIFICE PLATE      |           |     |              |
| 131             | 0121L01355  | FLUE CHANNEL                      |           |     |              |
| 141             | 0121L01356  | FLUE SIDE COVER                   |           |     |              |
| 151             | 0163F00018  | ORIFICE (QTY 6)                   |           |     |              |
| 161             | 0163L00025  | MANIFOLD - 6 BRNR                 |           |     |              |
| 171             | 10123532    | MANUAL RESET LIMIT 350°F          |           |     |              |
| 181             | 0121L00053  | FLAME ROLLOUT BRACKET             |           |     |              |
| 211             | 0121L00325  | BRACKET, HT EXCH                  |           |     |              |
| NS              | 0163L00072  | SCREEN-FLUE                       |           |     |              |

## Expanded Model Nomenclature

|                      |
|----------------------|
| M1 - DP16GM6014041AA |
|----------------------|