

DZ11TA 2-Stage 3 Phase Remote Heat Pump

DZ11TA0903AA

DZ11TA0904AA

DZ11TA1203AA

DZ11TA1204AA



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

Daikin Manufacturing 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:

Equipment 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:

| | |
|-----------------|--------------------------------------|
| 0130M00025 | 24V RELAY |
| 0151R00030 | BALL VALVE |
| 0151R00166 | BASE VALVE 5/8" |
| CAP200000440CP | CAP, 20 MFD/440V/ RD |
| ZPS104KCETF5155 | COMP, 105K 200/230/60/3/2STG (M3) |
| ZPS104KCETFD155 | COMP, 105K, 200/230/60/3/2STG (M4) |
| ZPS83KCETFD130 | COMP, 83000, 200/230/60/3/2STG (M2) |
| ZPS83KCETF5130 | COMP, 83000, 200/230/60/3/2STG (M1) |
| CONT3P040024V | CONTACTOR 40 AMP, 3P, 24V |
| 0130M00250 | CONTROL, DEFROST |
| 0130L00023 | CRANK CASE HEATER 70W 240V (M1, M3) |
| 0130L00024 | CRANK CASE HEATER 70W, 480V (M2, M4) |
| 0130M00089 | CUT-OUT SWITCH, HIGH PRESSURE |
| 0130M00088 | CUT-OUT SWITCH, LOW PRESSURE |
| PCBDM133 | DEFROST CONTROL BOARD |
| 0251R00011 | EXPANSION VALVE |
| 0131M00860 | MOTOR 1HP 1SP 230V (M1, M3) |
| 0131M00861 | MOTOR, 1HP, 1SP, 460V (M2, M4) |
| 10135604 | RELAY |
| B1225022 | SOLENOID COIL |
| 0151R00000P | VALVE, REVERSING CPLE120 (M3, M4) |
| 0151R00001P | VALVE, REVERSING CPLE090 (M1, M2) |

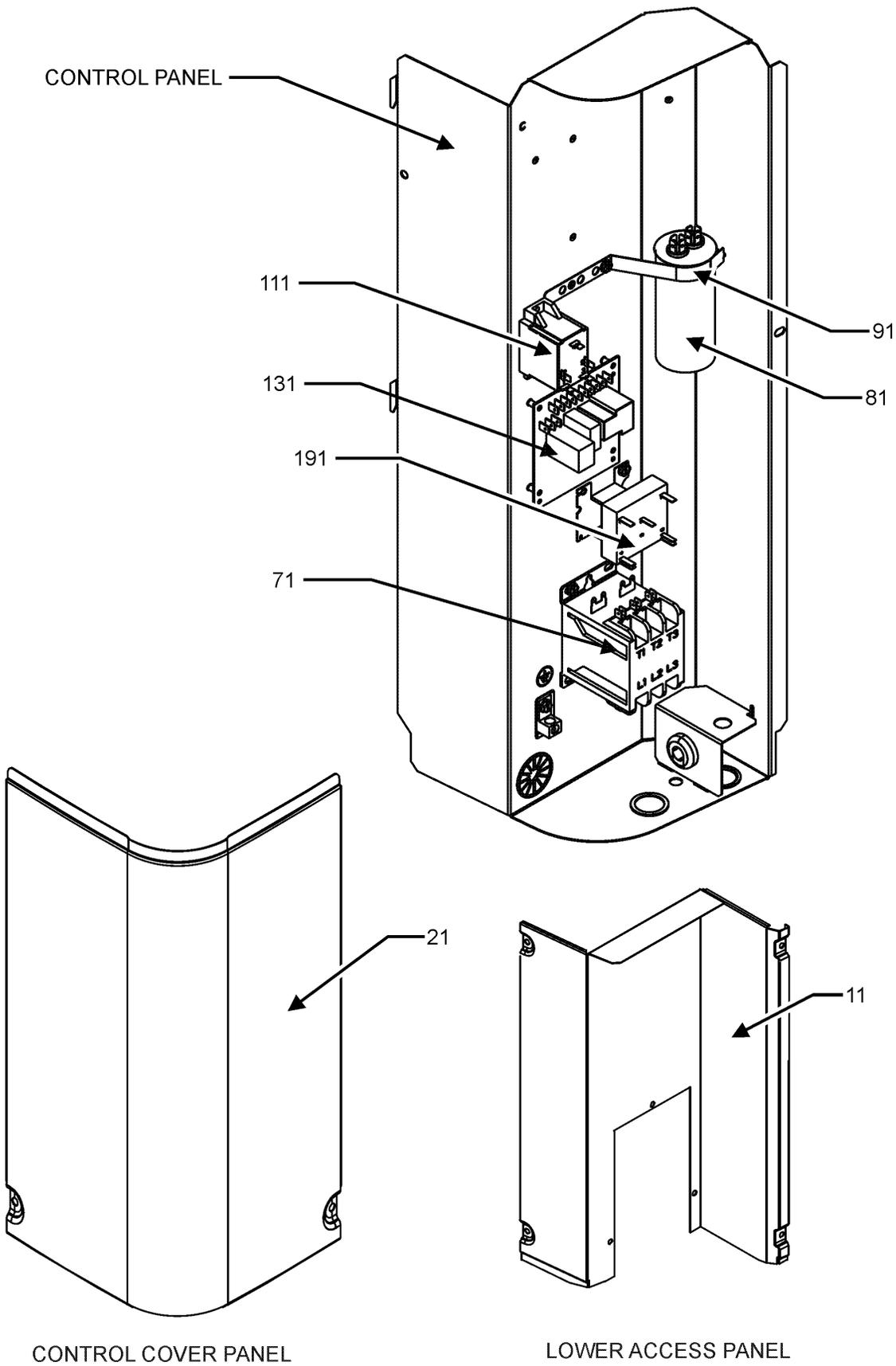
SPECIAL PARTS

0161R00089 NAMEPLATE, DAIKIN

Expanded Model Nomenclature

| |
|-------------------|
| M1 - DZ11TA0903AA |
| M2 - DZ11TA0904AA |
| M3 - DZ11TA1203AA |
| M4 - DZ11TA1204AA |

CONTROL BOX ASSEMBLY



CONTROL BOX ASSEMBLY

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

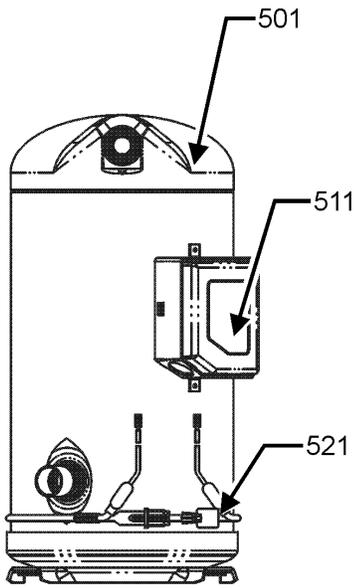
Image 1:

| | | |
|-----|----------------|---------------------------|
| 11 | 0121R00863PNG | PANEL, LOWER ACCESS PNT |
| 21 | 0121R00853PNG | PANEL, CONTROL C/HP PNT |
| 71 | CONT3P040024V | CONTACTOR 40 AMP, 3P, 24V |
| 81 | CAP200000440CP | CAP, 20 MFD/440V/ RD |
| 91 | 4400065 | CAPACITOR STRAP |
| 111 | 10135604 | RELAY |
| 131 | PCBDM133 | DEFROST CONTROL BOARD |
| 191 | 0130M00025 | 24V RELAY |
| NS | 0161R00089 | NAMEPLATE, DAIKIN |
| NS | B1372801 | SIGHT GLASS CL90/120 |

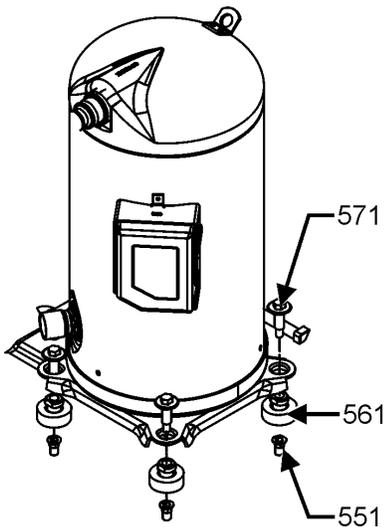
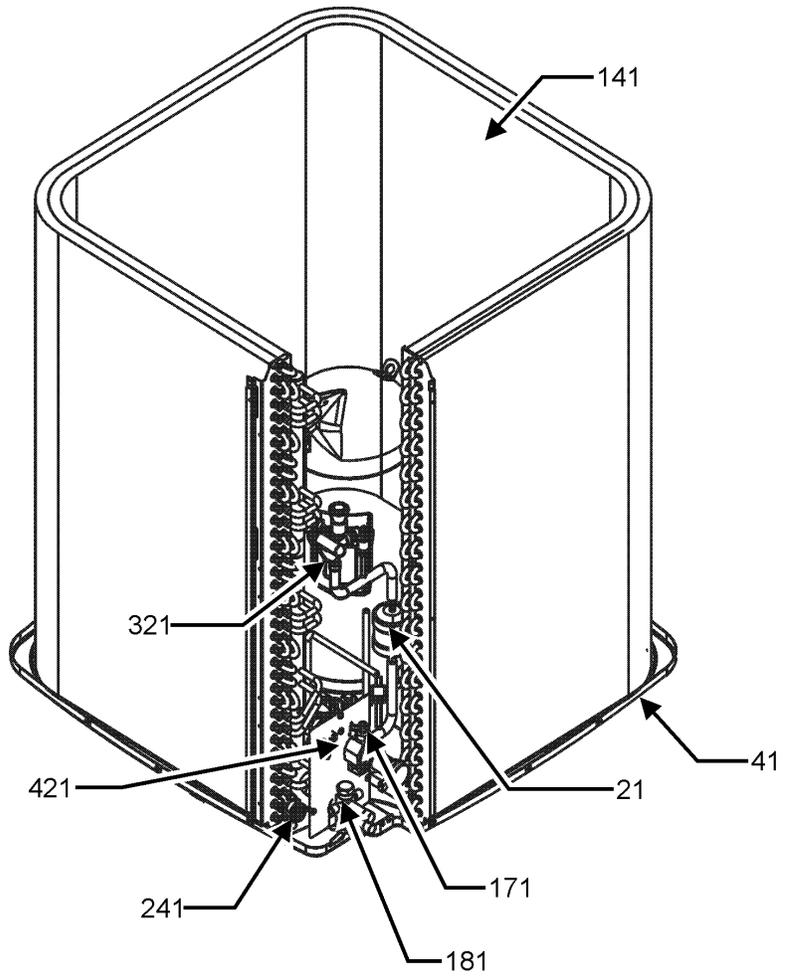
Expanded Model Nomenclature

- | |
|-------------------|
| M1 - DZ11TA0903AA |
| M2 - DZ11TA0904AA |
| M3 - DZ11TA1203AA |
| M4 - DZ11TA1204AA |

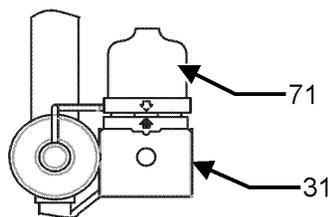
TUBING ASSEMBLY



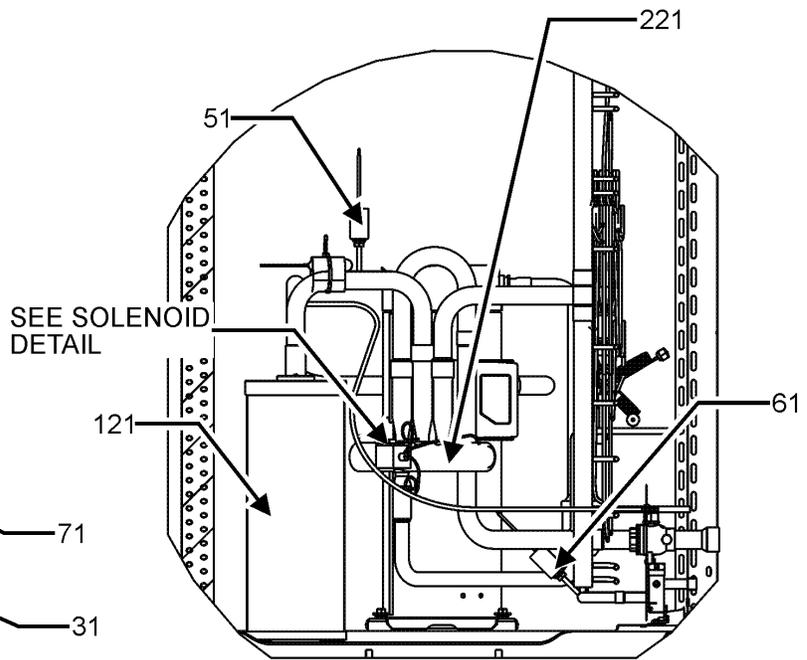
COMPRESSOR DETAIL



COMPRESSOR MOUNTING DETAIL



SOLENOID DETAIL



SIDE VIEW
TUBING ASSEMBLY

TUBING ASSEMBLY

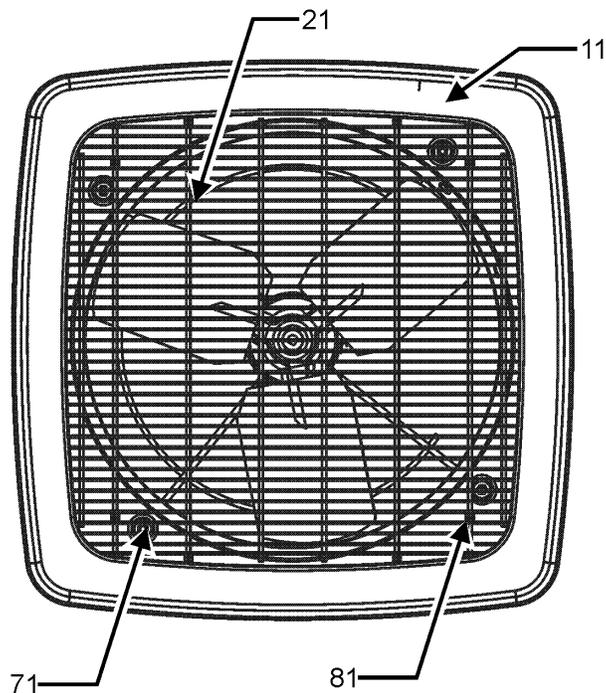
| Ref. Part No: | No: | Description: | Ref. Part No: | No: | Description: |
|-----------------|-----------------|--------------------------------------|---------------|-----|--------------|
| Image 1: | | | | | |
| 21 | B1219227 | FILTER DRIER (BI-FLOW) | | | |
| 31 | B1225022 | SOLENOID COIL | | | |
| 41 | 0121R00007PNG | BASE PAN 35" | | | |
| 51 | 0130M00088 | CUT-OUT SWITCH, LOW PRESSURE | | | |
| 61 | 0130M00089 | CUT-OUT SWITCH, HIGH PRESSURE | | | |
| 71 | 0130M00224 | REVERSING VALVE CABLE | | | |
| 121 | B1226212 | ACCUMULATOR | | | |
| 141 | 0201R00713 | COIL TUBING ASSY. | | | |
| 171 | 0151R00030 | BALL VALVE | | | |
| 181 | 0151R00166 | BASE VALVE 5/8" | | | |
| 221 | 0151R00000P | VALVE, REVERSING CPLE120 (M3, M4) | | | |
| 221 | 0151R00001P | VALVE, REVERSING CPLE090 (M1, M2) | | | |
| 241 | 0130M00250 | CONTROL, DEFROST | | | |
| 321 | 0251R00011 | EXPANSION VALVE | | | |
| 421 | 0121R00864PNG | PANEL, BALL VALVE MOUNTING PNT | | | |
| 501 | ZPS104KCETF5155 | COMP, 105K 200/230/60/3/2STG (M3) | | | |
| 501 | ZPS104KCETFD155 | COMP, 105K, 200/230/60/3/2STG (M4) | | | |
| 501 | ZPS83KCETF5130 | COMP, 83000, 200/230/60/3/2STG (M1) | | | |
| 501 | ZPS83KCETFD130 | COMP, 83000, 200/230/60/3/2STG (M2) | | | |
| 511 | 0159G00003 | COMPRESSOR HARNESS (M1, M2) | | | |
| 511 | 0159L00053 | COMPRESSOR HARNESS (M3, M4) | | | |
| 521 | 0130L00023 | CRANK CASE HEATER 70W 240V (M1, M3) | | | |
| 521 | 0130L00024 | CRANK CASE HEATER 70W, 480V (M2, M4) | | | |
| 551 | B1393027 | HEX NUT INSERT 5/16-18 (QTY 4) | | | |
| 561 | 0164M00018 | COMPRESSOR GROMMET (QTY 4) | | | |
| 571 | B1393740 | COMPRESSOR BOLT & SLEEVE (QTY 4) | | | |
| NS | 0163M00087 | ACCESS FITTING | | | |
| NS | 0163M00175 | CAP WITH O-RING | | | |
| NS | 0159G00001 | COMPRESSOR SOLENOID CABLE | | | |
| NS | 4400031 | VALVE BRACKET | | | |
| NS | B1787000 | VALVE CORE | | | |

Expanded Model Nomenclature

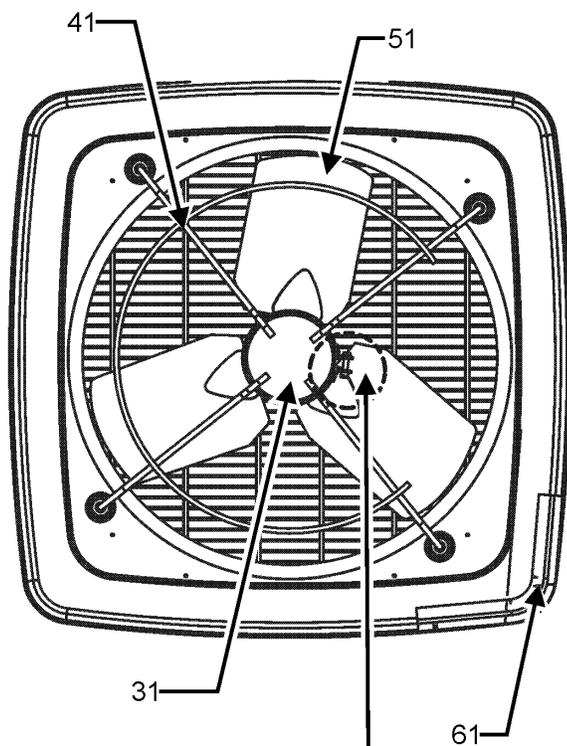
| |
|-------------------|
| M1 - DZ11TA0903AA |
| M2 - DZ11TA0904AA |
| M3 - DZ11TA1203AA |
| M4 - DZ11TA1204AA |

TOP AND LOUVER PANEL ASSEMBLY

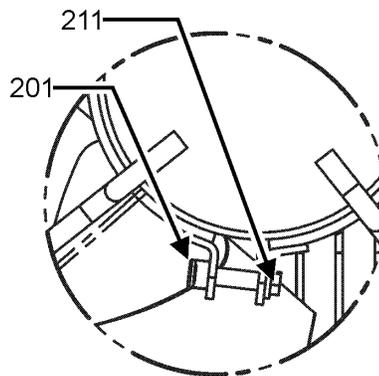
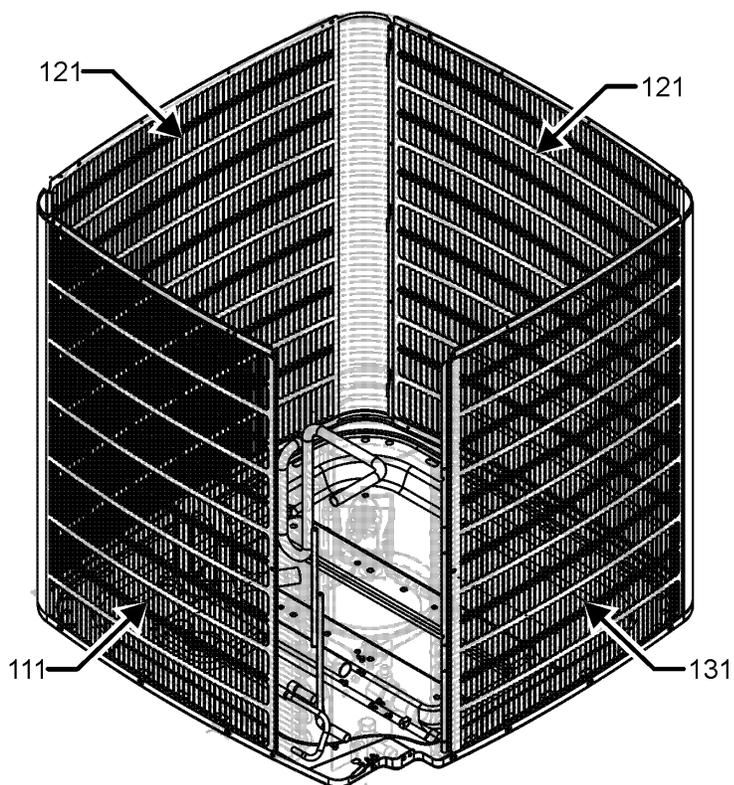
TOP PANEL ASSEMBLY
TOP VIEW



TOP PANEL ASSEMBLY
BOTTOM VIEW



SEE MOTOR
MOUNTING
BRACKET DETAIL



MOTOR MOUNTING
BRACKET DETAIL

LOUVER PANEL ASSEMBLY

TOP AND LOUVER PANEL ASSEMBLY

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

Image 1:

| | | |
|-----|---------------|---------------------------------------------|
| 11 | 0121R00013PNG | VENTURI TOP PANEL 35" |
| 21 | 0152R00013 | GRILL, WIRE 35" COM TOP |
| 31 | 0131M00860 | MOTOR 1HP 1SP 230V (M1, M3) |
| 31 | 0131M00861 | MOTOR, 1HP, 1SP, 460V (M2, M4) |
| 41 | 0121R00301 | BRACKET, MOTOR MOUNTING |
| 51 | 0150M00049 | FAN BLADE, 26" |
| 61 | 0154R00006 | CONTROL PANEL GASKET |
| 71 | B1393024 | LOCK NUT |
| 81 | 0163M00003P | SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 9) |
| 111 | 0121R00601PNG | PANEL 1, LOUVER 35_39.84 PNT |
| 121 | 0121R00514PNG | PANEL 2, LOUVER 35_39.84 PNT (QTY 2) |
| 131 | 0121R00603PNG | PANEL 3, LOUVER 35_39.84 PNT |
| 201 | B1393804 | NYLON LOCKNUT .31-18 |
| 211 | 0163M00129 | SCREW H2 .31 X 1.52 |

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