

Models and manufacturing  
numbers in this manual

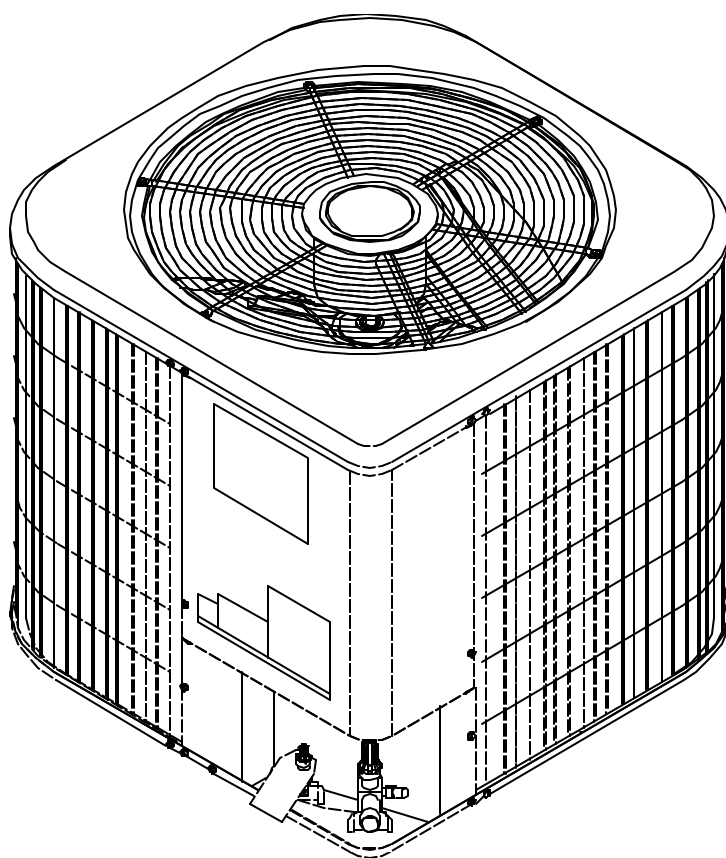
|          |           |
|----------|-----------|
| RSG36C2C | P1247305C |
| RSG48C2C | P1247306C |
| RSG60C2C | P1247307C |

# Service Parts

## RSG\*C2C Remote Condensing Units

This manual introduces gray RSG\*C2C models.

This manual is to be used by qualified appliance technicians only.



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Heating & Air Conditioning  
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RP6114004  
Revision 0  
December 2004

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## Important Information

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

For assistance within the U.S.A. contact:

Consumer Affairs Department  
Goodman Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
877-254-4729-Telephone  
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division  
Goodman Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
713-861-2500-Telephone  
713-863-2382-Facsimile

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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 | P _____ |
| M2 - Model#2 | P _____ |
| M3 - Model#3 | P _____ |

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# Functional Parts

| Part No:       | Description:                                          |
|----------------|-------------------------------------------------------|
| D6789042       | CAPACITOR-METAL 80/7.5 MFD, 440V (M3)                 |
| D6789057       | CAPACITOR-ROUND 40/7.5 MFD, 370V (M1)                 |
| D6789059       | CAPACITOR-ROUND 45/7.5 MFD, 370V (M2)                 |
| ZPS30K4EPFV930 | COMPRESSOR, ZPS30K4E-PFV-230 (M1)<br>OLD PN# 20452901 |
| ZPS40K4EPFV930 | COMPRESSOR, ZPS40K4E-PFV-230 (M2)<br>OLD PN# 20452902 |
| ZPS51K4EPFV930 | COMPRESSOR, ZPS51K4E-PFV-230 (M3)<br>OLD PN# 20459301 |
| 11071203       | CONDENSING ASSY                                       |
| B5134711       | DRIER-FILTER 3/8" OD                                  |
| 10625707       | FAN-CONDENSER 26" CW ROTATION 20° PITCH               |
| 20430201       | HARNESS-COMP                                          |
| 20462301       | MOTOR-CONDENSER 1/4 HP 208-230V, 810 RPM CW, LEAD END |
| C6415502       | PROTECTOR-CYCLE                                       |
| 10135604       | RELAY                                                 |
| 20322603       | SW-CUTOUT HI PRESS                                    |
| 20340402       | SW-CUTOUT LOW PRESS                                   |
| 20163801       | VALVE-SERVICE                                         |

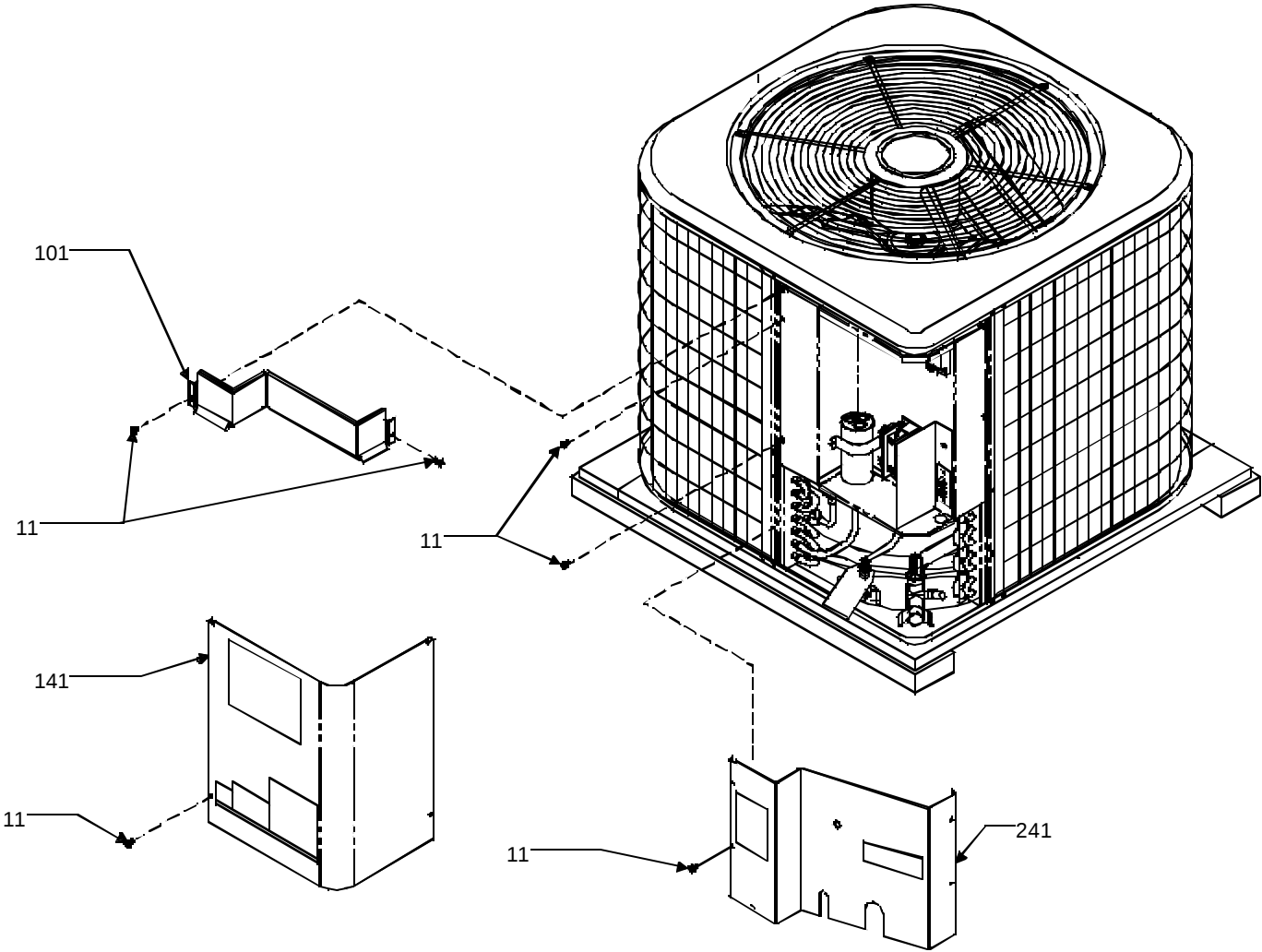
## SPECIAL PARTS

|           |                     |
|-----------|---------------------|
| 20490509S | CERT-WARRANTY AMANA |
| 10652420S | INSTR-INSTALL       |
| 10659207S | MANUAL-OWNERS       |
| RP6114004 | PARTS MANUAL        |
| 20323213  | RSG36C2A-SPEC SHT   |
| 20323214  | RSG48C2A-SPEC SHT   |
| 20323215  | RSG60C2A-SPEC SHT   |
| RS6200003 | SERVICE MANUAL      |

## Expanded Model Nomenclature

|               |           |
|---------------|-----------|
| M1 - RSG36C2C | P1247305C |
| M2 - RSG48C2C | P1247306C |
| M3 - RSG60C2C | P1247307C |

Control/Cover



# Control/Cover

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

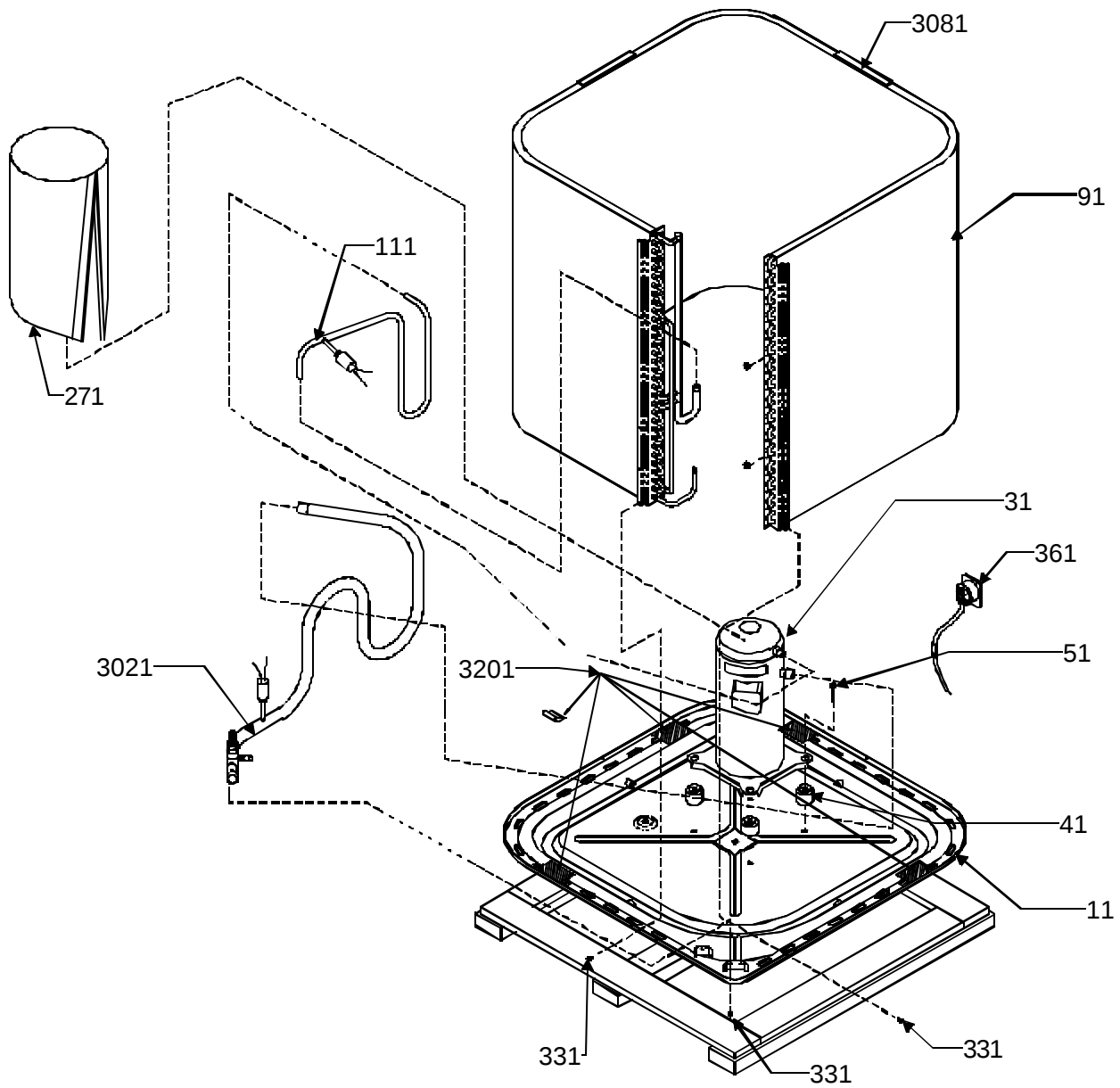
*Image 1:*

|     |             |                   |
|-----|-------------|-------------------|
| 11  | M0229303    | SCREW-SM (QTY AR) |
| 101 | 10597409    | FILLER-CONTROL    |
| 141 | 10589928PDG | COVER-CONT PNT    |
| 241 | 20289711PDG | PANEL-VALVE PNT   |

Expanded Model Nomenclature

|               |           |
|---------------|-----------|
| M1 - RSG36C2C | P1247305C |
| M2 - RSG48C2C | P1247306C |
| M3 - RSG60C2C | P1247307C |

## Compressor/Tubing



# Compressor/Tubing

## Ref. Part

No: No: Description:

## Ref. Part

No: No: Description:

Image 1:

|      |                |                                                       |
|------|----------------|-------------------------------------------------------|
| 11   | 10258406PDG    | BASEPAN ASSY                                          |
| 31   | ZPS30K4EPFV930 | COMPRESSOR, ZPS30K4E-PFV-230 (M1)<br>OLD PN# 20452901 |
| 31   | ZPS40K4EPFV930 | COMPRESSOR, ZPS40K4E-PFV-230 (M2)<br>OLD PN# 20452902 |
| 31   | ZPS51K4EPFV930 | COMPRESSOR, ZPS51K4E-PFV-230 (M3)<br>OLD PN# 20459301 |
| 41   | 10107301       | GROMMET-COMP FOOT (QTY 4)                             |
| 51   | M0221641       | SCREW-SHOULDER TF (QTY 4)                             |
| 91   | 11071203       | CONDENSING ASSY                                       |
| 111  | 20340607       | TUBE WELD-DISCHARGE (M1, M2)                          |
| 111  | 20340608       | TUBE WELD-DISCHARGE (M3)                              |
| 271  | B1488806       | COMPRESSOR SOUND BLANKET                              |
| 331  | M0229303       | SCREW-SM (QTY AR)                                     |
| 361  | 20468101       | CABLE-COMPR SOL                                       |
| 3081 | 10839819       | GASKET-.062X.50                                       |
| 3201 | 20328901       | SUPPORT-COIL (QTY 4)                                  |

Expanded Model Nomenclature

|               |           |
|---------------|-----------|
| M1 - RSG36C2C | P1247305C |
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| M3 - RSG60C2C | P1247307C |

# Tubing

Image 1

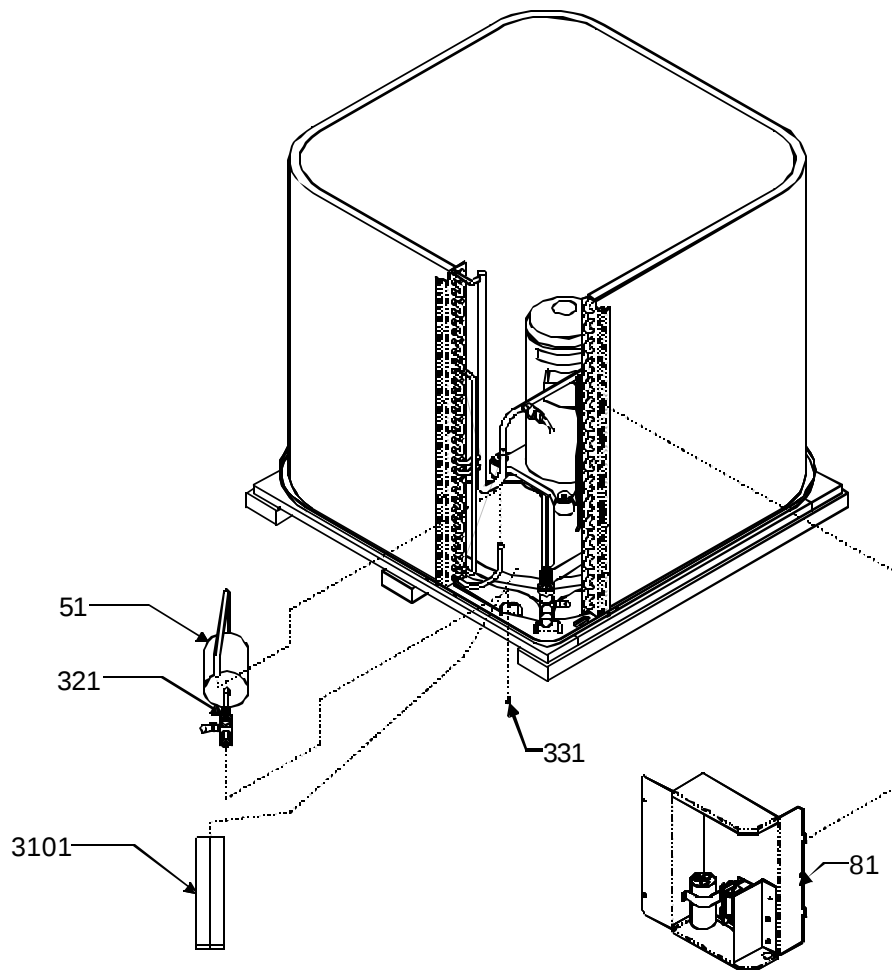


Image 2

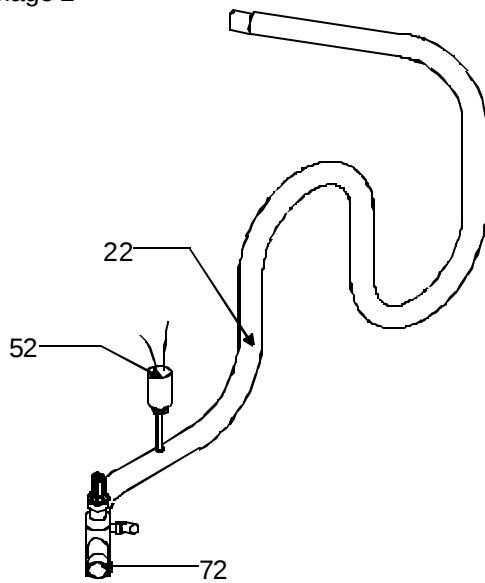
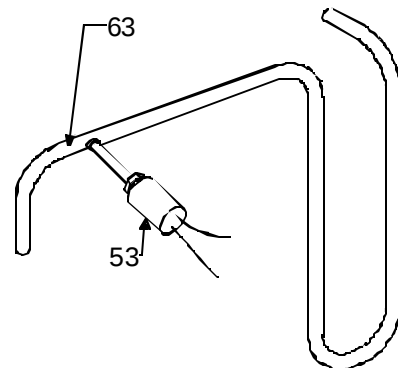


Image 3



# Tubing

## Ref. Part

No: No:

Description:

## Ref. Part

No: No:

Description:

### Image 1:

|     |          |                      |
|-----|----------|----------------------|
| 51  | B5134711 | DRIER-FILTER 3/8" OD |
| 321 | 20476107 | SUCT/SWT WELD (M2)   |
| 321 | 20476108 | SUCT/SWT WELD (M1)   |
| 321 | 20476109 | SUCT/SWT WELD (M3)   |
| 331 | M0229303 | SCREW-SM (QTY AR)    |

### Image 2:

|    |          |                            |
|----|----------|----------------------------|
| 22 | 20476202 | TUBE-SUCTION (M1)          |
| 22 | 20476203 | TUBE-SUCTION (M2)          |
| 22 | 20476204 | TUBE-SUCTION (M3)          |
| 52 | 20340402 | SW-CUTOUT LOW PRESS        |
| 72 | 20163902 | VALVE-SERVICE 3/4 (M1)     |
| 72 | 20163903 | VALVE-SERVICE 7/8 (M2, M3) |

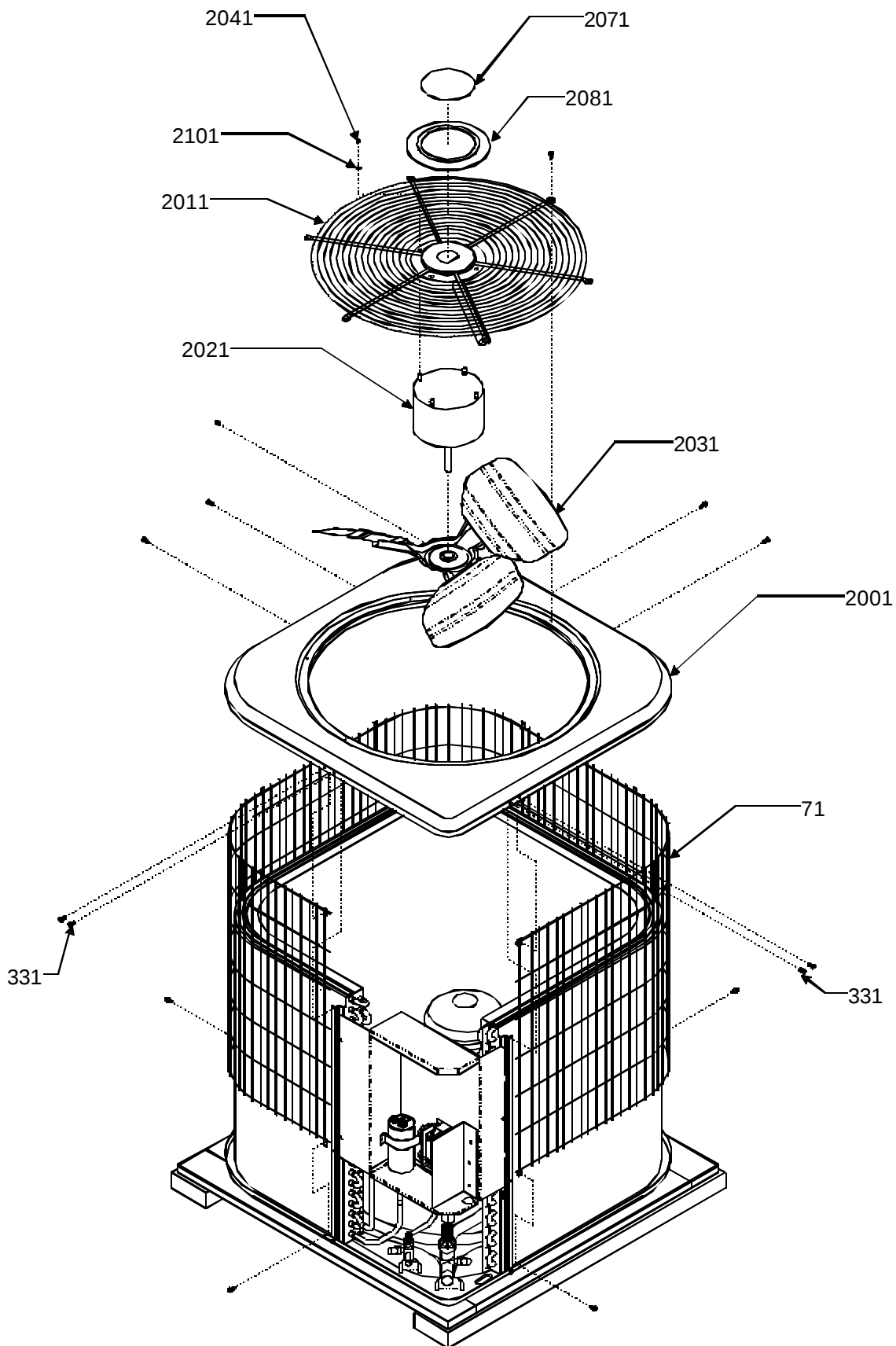
### Image 3:

|    |          |                              |
|----|----------|------------------------------|
| 53 | 20322603 | SW-CUTOUT HI PRESS           |
| 63 | 20340607 | TUBE WELD-DISCHARGE (M1, M2) |
| 63 | 20340608 | TUBE WELD-DISCHARGE (M3)     |

### Expanded Model Nomenclature

|               |           |
|---------------|-----------|
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| M2 - RSG48C2C | P1247306C |
| M3 - RSG60C2C | P1247307C |

## Cabinet/Top



# Cabinet/Top

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

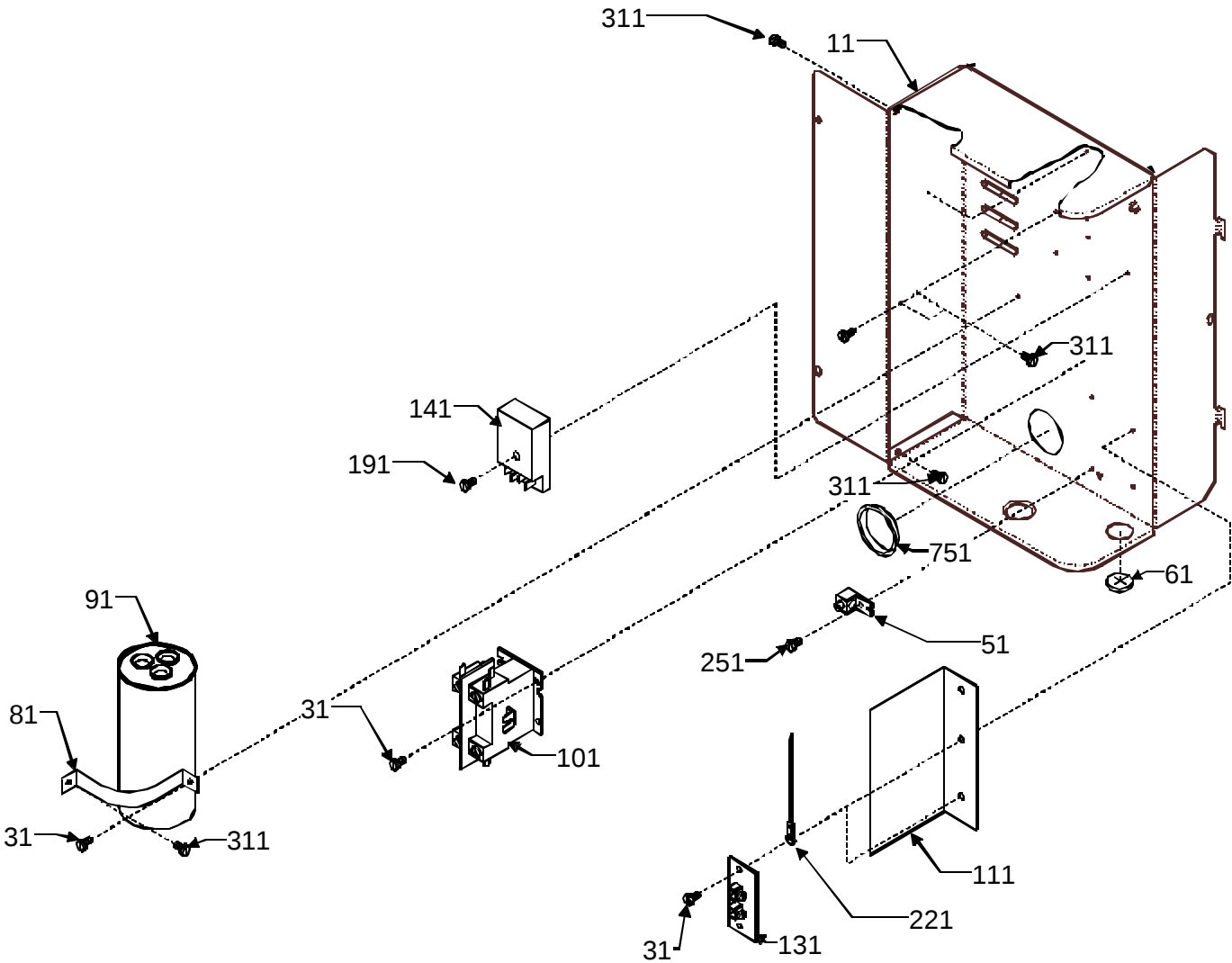
Image 1:

|      |             |                                                          |
|------|-------------|----------------------------------------------------------|
| 71   | 20449304    | GRILLE-FORMED                                            |
| 71   | 20449314    | GRILLE-FORMED                                            |
| 331  | M0229303    | SCREW-SM (QTY AR)                                        |
| 2001 | 10576310PDG | COVER-TOP PNT                                            |
| 2001 | 10576309    | TOP                                                      |
| 2011 | 20515003    | GRILLE-FAN                                               |
| 2021 | 20462301    | MOTOR-CONDENSER 1/4 HP 208-230V, 810 RPM<br>CW, LEAD END |
| 2031 | 10625707    | FAN-CONDENSER 26" CW ROTATION 20° PITCH                  |
| 2041 | M0280801    | NUT-HEX (QTY 4)                                          |
| 2071 | 20325001    | INSERT-LOGO                                              |
| 2081 | 10651102    | DISK-LOGO                                                |
| 2101 | M0272803    | WASHER-LOCK (QTY 4)                                      |
| NS   | 20515501    | NAMEPLATE ASSY-AMANA                                     |

Expanded Model Nomenclature

|               |           |
|---------------|-----------|
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| M3 - RSG60C2C | P1247307C |

Control Box



# Control Box

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

Image 1:

|     |          |                                       |
|-----|----------|---------------------------------------|
| 11  | 11174706 | CONTROL BOX-1PC                       |
| 31  | M0216517 | SCREW-SM (QTY 12)                     |
| 51  | A9015201 | LUG-GROUND                            |
| 61  | A4603801 | GROMMET                               |
| 81  | 20520901 | STRAP-CAPACITOR                       |
| 91  | D6789042 | CAPACITOR-METAL 80/7.5 MFD, 440V (M3) |
| 91  | D6789057 | CAPACITOR-ROUND 40/7.5 MFD, 370V (M1) |
| 91  | D6789059 | CAPACITOR-ROUND 45/7.5 MFD, 370V (M2) |
| 101 | C6170002 | CONTACTOR-30A SINGLE POLE (M1, M2)    |
| 101 | C6170005 | CONTACTOR-40A SINGLE POLE (M3)        |
| 111 | 11156902 | BARRIER-LOW VOLT                      |
| 131 | 20460101 | BOARD-TERM                            |
| 141 | C6415502 | PROTECTOR-CYCLE                       |
| 191 | M0216521 | SCREW-SM                              |
| 221 | M0322204 | TIE-ELEC (QTY 2)                      |
| 251 | M0216529 | SCREW-SM                              |
| 311 | M0216515 | SCREW-SM (QTY 4)                      |
| 751 | A4554807 | BUSHING-SNAP                          |
| NS  | 10135604 | RELAY                                 |

Expanded Model Nomenclature

|               |           |
|---------------|-----------|
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