

**PMC093G Package Terminal Air Conditioner**

PMC093G25AXXXGA  
PMC093G25ERXXGA  
PMC093G25EXXXGA  
PMC093G35AXXXGA  
PMC093G35CEXXGA  
PMC093G35CXXGGA  
PMC093G35ERXXGA  
PMC093G35EXXXGA  
PMC093G50ERXXGA  
PMC093G50EXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5316

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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<br>M1 - Model#1<br>M2 - Model#2<br>M3 - Model#3 |
|---------------------------------------------------------|

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.

Goodman 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  
Goodman Company, L.P.  
19001 Kermier Road  
Waller, Texas 77484  
877-254-4729-Telephone  
713-863-2382-Facsimile

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

International Division  
Goodman Company, L.P.  
19001 Kermier Road  
Waller, Texas 77484  
713-861-2500-Telephone  
713-863-2382-Facsimile

# Functional Parts

## Part

## No: Description:

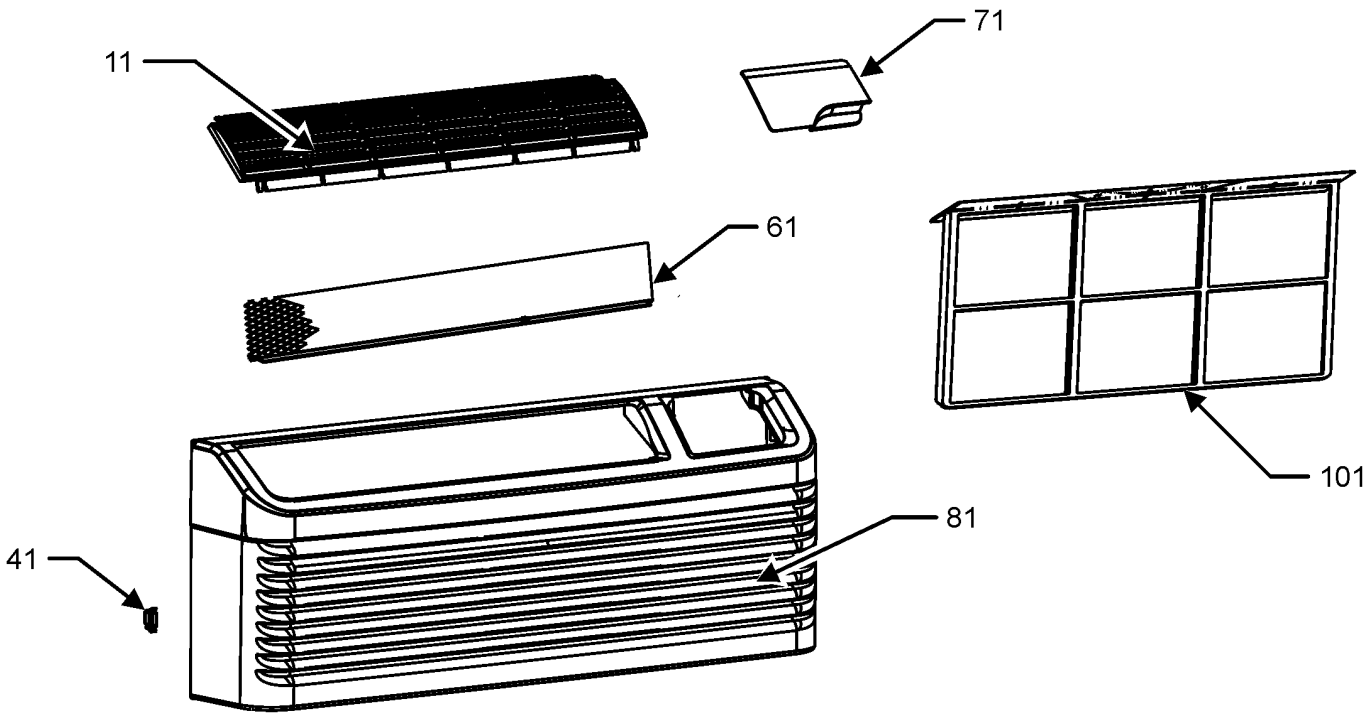
|                |                                            |
|----------------|--------------------------------------------|
| 20406303       | BASE PAN VALVE                             |
| CAP020250450CS | CAP, 2/25 MFD/450V/DUAL RD                 |
| CAP065000440RP | CAPACITOR                                  |
| BSA357CN       | COMPRESSOR, HITACHI 1 HP                   |
| 39B202AD&0JKZ  | COMPRESSOR, RECHI                          |
| RSKP0014       | CONTROL BOARD KIT                          |
| RSKP0012       | CONTROL BOARD M70                          |
| RSKP0015       | CONTROL PANEL COVER AND MEMBRANE           |
| 0130P00112     | CORD,250VAC,15A (LCD) (M1, M2, M3)         |
| 0130P00115     | CORD,250VAC,20A (LCD) (M4, M5, M6, M7, M8) |
| 0130P00118     | CORD,250VAC,30A (LCD) (M9, M10)            |
| 0130M00178     | DPDT RELAY 24VAC (QTY 2)                   |
| 0131P00029     | FAN MOTOR, INDOOR                          |
| 0131P00033     | FAN MOTOR, OUTDOOR                         |
| 0161P00055     | FAN, CONDENSER                             |
| 0275P00019     | HEATER ASSY (M1, M2, M3)                   |
| 0275P00038     | HEATER ASSY (M4, M5, M6, M7, M8)           |
| 0275P00039     | HEATER ASSY (M9, M10)                      |
| 0130P00133     | HUMIDITY SENSOR                            |
| PCBEP104       | INDOOR DC CONTROL MOTOR                    |
| 11149201       | MUFFIN FAN                                 |
| 0130P00136     | OVERLOAD PROTECTOR                         |
| 60345620A      | OVERLOAD PROTECTOR-CLEAR PLUG              |
| PCBCP147       | PCB, CONTROL, D70                          |
| 0130M00096     | RELAY (M2, M3, M5, M7, M8, M9, M10)        |
| 0130M00169     | SWITCH, HIGH PRESS                         |
| 802007090      | TERMINAL BOARD                             |
| 0130P00077     | THERMISTOR (M2, M7, M9)                    |
| 0130P00134     | THERMISTOR                                 |
| 0130P00132     | THERMISTOR                                 |
| 0130P00098     | THERMISTOR GREEN OAT                       |
| 0130P00145     | THERMISTOR DTT GRAY                        |
| 0130P00165     | Thermistor Evap coil 7mm                   |
| 0130P00164     | Thermistor ID air 7mm                      |
| 0130P00094     | THERMISTOR OCT BLUE (M2, M7, M9)           |
| 0130P00132     | THERMISTOR STT BROWN                       |
| 0130M00599     | TRANSFORMER 240V/208V TO 24V, 40VA (QTY 2) |
| 0270P01351DG   | VENT/DEHUMIDIFICATION KIT                  |
| 0150P00005     | WHEEL, BLOWER                              |

## Expanded Model Nomenclature

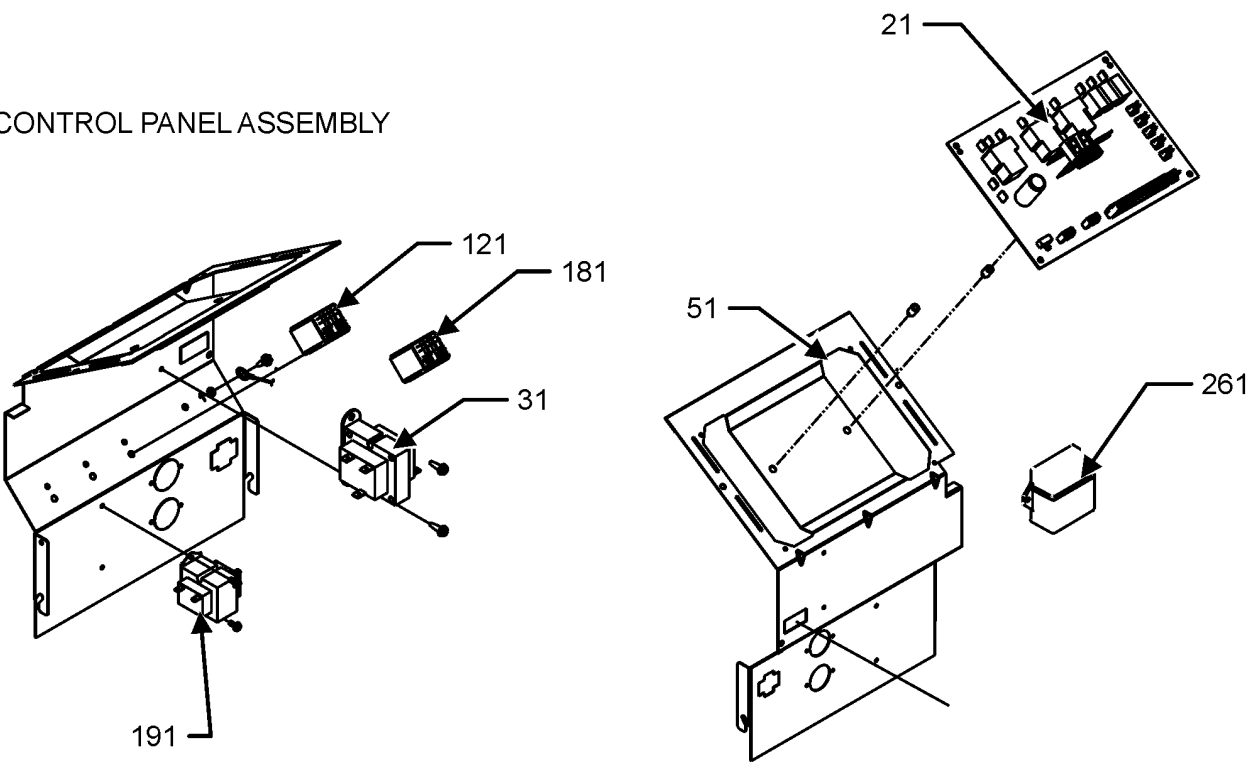
M1 - PMC093G25AXXXGA  
 M2 - PMC093G25ERXXGA  
 M3 - PMC093G25EXXXGA  
 M4 - PMC093G35AXXXGA  
 M5 - PMC093G35CEXXGA  
 M6 - PMC093G35CXXGA  
 M7 - PMC093G35ERXXGA  
 M8 - PMC093G35EXXXGA  
 M9 - PMC093G50ERXXGA  
 M10 - PMC093G50EXXXGA

Control Panel and Front Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



# Control Panel and Front Assembly

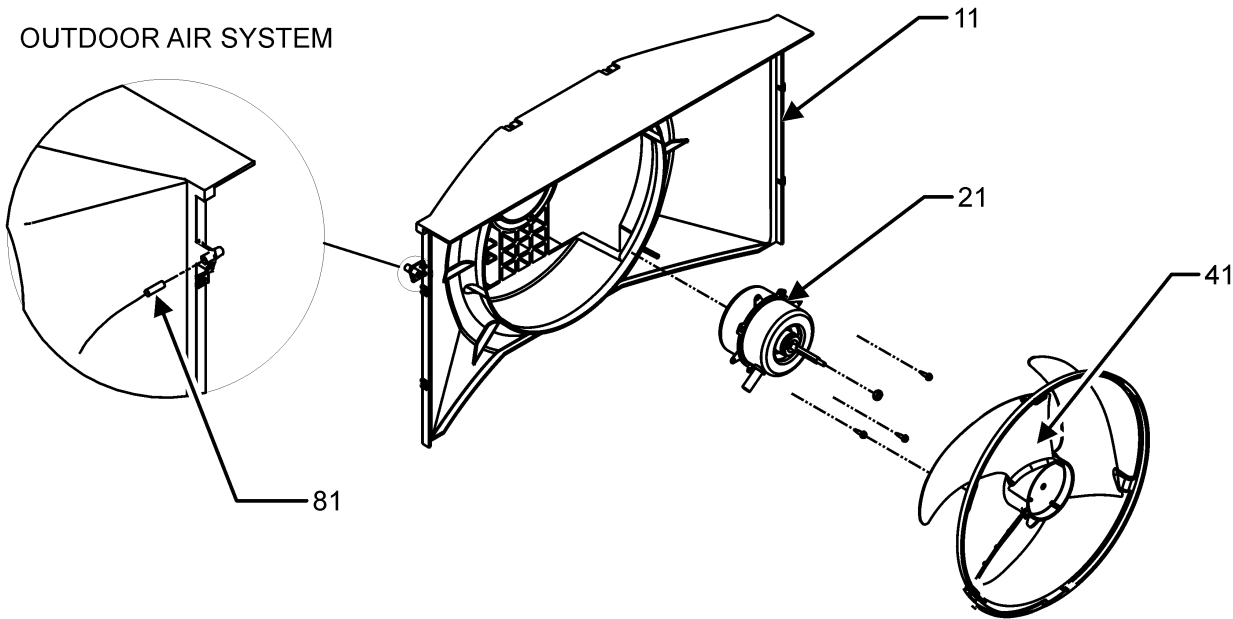
| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description:                                    |
|----------------------|--------------|----------------------|-------------------------------------------------|
| <b>Image 1:</b>      |              |                      |                                                 |
| 11                   | 0161P00048   |                      | FRONT, LOUVERS DISCHARGE                        |
| 21                   | RSKP0014     |                      | CONTROL BOARD KIT                               |
| 21                   | RSKP0012     |                      | CONTROL BOARD M70                               |
| 31                   | 0130M00599   |                      | TRANSFMR,40VA,240V/208V TO 24V                  |
| 41                   | 0163P00025   |                      | CLIP (QTY 2)                                    |
| 51                   | 0121P00130   |                      | PANEL, CONTROL                                  |
| 61                   | 0121P00194BL |                      | SCREEN, DISCHARGE, PAINTED                      |
| 71                   | 0261P00003   |                      | DOOR ASSY -AMANA-                               |
| 81                   | 0261P00011   |                      | FRONT ASSY                                      |
| 101                  | 0161P00035   |                      | FILTER, RACK (QTY 2)                            |
| 121                  | 0130M00178   |                      | DPDT RELAY 24VAC (M1, M4, M6)                   |
| 121                  | 0130M00096   |                      | RELAY (M2, M3, M5, M7, M8, M9, M10)             |
| 181                  | 0130M00178   |                      | DPDT RELAY 24VAC                                |
| 191                  | 0130M00599   |                      | TRANSFMR,40VA,240V/208V TO 24V                  |
| 261                  | 0130P00104   |                      | ANTENNA (M2, M7, M9)                            |
| NS                   | PCBCP147     |                      | PCB, CONTROL, D70                               |
| NS                   | 0259P00018   |                      | WIRE HARNESS                                    |
| NS                   | 0259P00035   |                      | WIRE HARNESS ASSY (M2, M3, M5, M7, M8, M9, M10) |

## Expanded Model Nomenclature

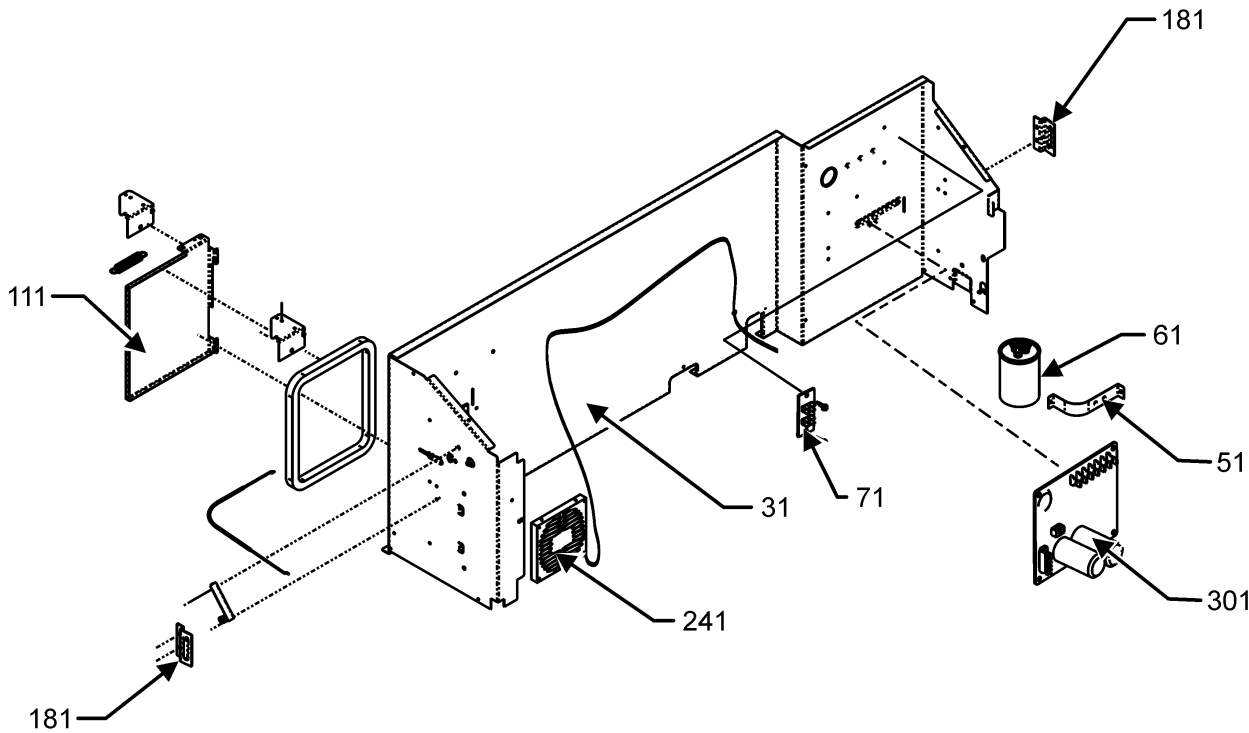
|                       |
|-----------------------|
| M1 - PMC093G25A XXXGA |
| M2 - PMC093G25ERXXGA  |
| M3 - PMC093G25EXXXGA  |
| M4 - PMC093G35A XXXGA |
| M5 - PMC093G35CEXXGA  |
| M6 - PMC093G35CXXXGA  |
| M7 - PMC093G35ERXXGA  |
| M8 - PMC093G35EXXXGA  |
| M9 - PMC093G50ERXXGA  |
| M10 - PMC093G50EXXXGA |

# Outdoor Air System and Partition Assy

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



# Outdoor Air System and Partition Assy

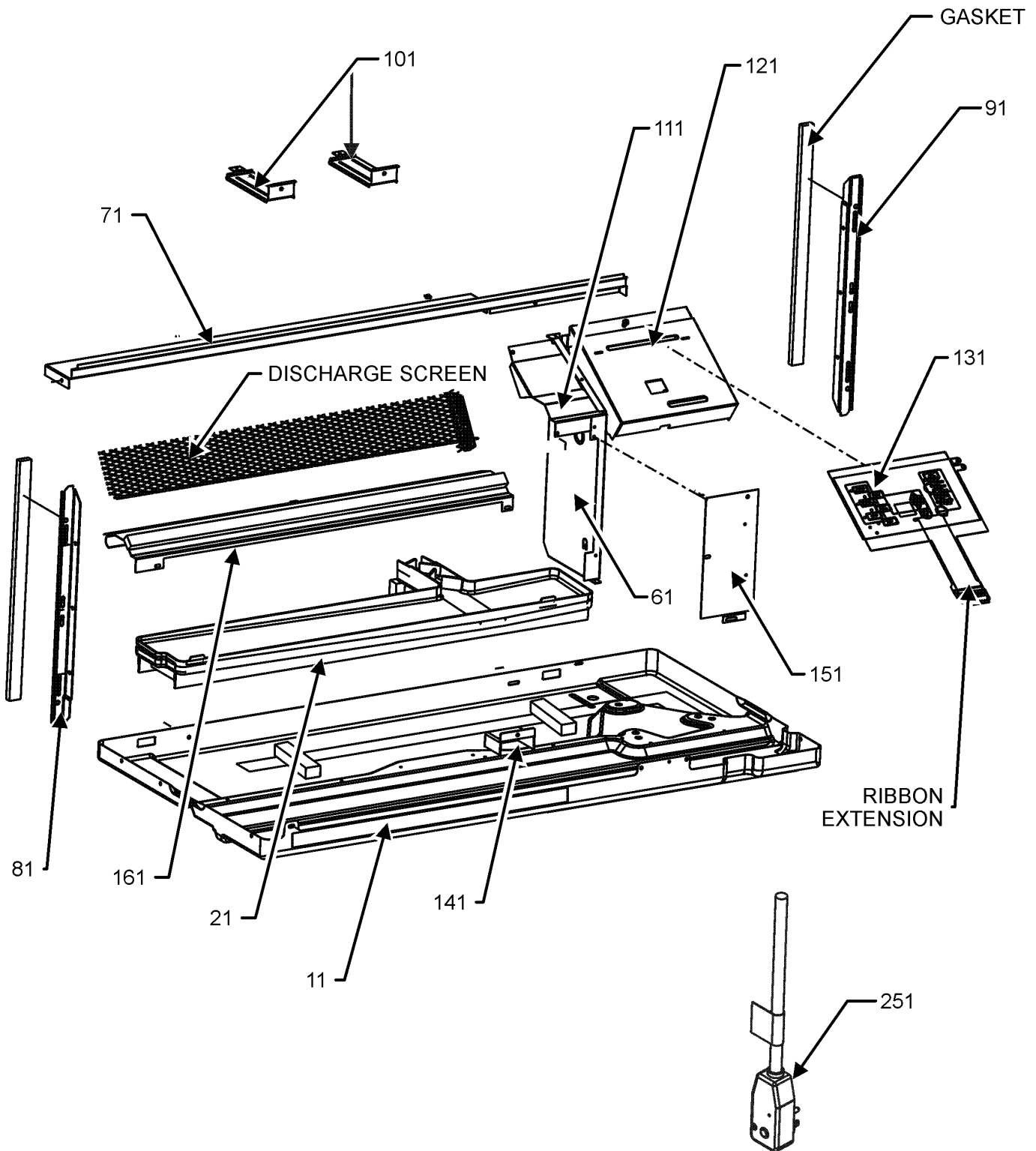
| Ref. Part<br>No: No: | Description:   | Ref. Part<br>No: No: | Description:                                           |
|----------------------|----------------|----------------------|--------------------------------------------------------|
| <b>Image 1:</b>      |                |                      |                                                        |
| 11                   | 0161P00110     |                      | CONDENSER SHROUD                                       |
| 21                   | 0131P00033     |                      | FAN MOTOR, OUTDOOR                                     |
| 31                   | 0121P00108NG   |                      | PANEL-PARTITION                                        |
| 41                   | 0161P00055     |                      | FAN, CONDENSER                                         |
| 51                   | C6300502       |                      | CAPACITOR STRAP                                        |
| 61                   | CAP020250450CS |                      | CAP, 2/25 MFD/450V/DUAL RD                             |
| 71                   | 802007090      |                      | TERMINAL BOARD                                         |
| 81                   | 0130P00098     |                      | THERMISTOR GREEN OAT                                   |
| 111                  | 0121P00208DG   |                      | VENT DOOR-DIGI AIR                                     |
| 181                  | 11191703       |                      | PARTITION PANEL BRACKET (QTY 2)                        |
| 241                  | 0131P00044     |                      | HEATER, FAN, AXIAL, 250W (M2, M3, M5, M7, M8, M9, M10) |
| 301                  | PCBEP104       |                      | INDOOR DC CONTROL MOTOR                                |
| NS                   | 0121P00160     |                      | PANEL-PARTITION (M5, M6)                               |

## Expanded Model Nomenclature

|                       |
|-----------------------|
| M1 - PMC093G25AXXXGA  |
| M2 - PMC093G25ERXXGA  |
| M3 - PMC093G25EXXXGA  |
| M4 - PMC093G35AXXXGA  |
| M5 - PMC093G35CEXXGA  |
| M6 - PMC093G35CXXGA   |
| M7 - PMC093G35ERXXGA  |
| M8 - PMC093G35EXXXGA  |
| M9 - PMC093G50ERXXGA  |
| M10 - PMC093G50EXXXGA |

# Base Pan Assembly

## BASE PAN ASSEMBLY





# Base Pan Assembly

| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description: |
|----------------------|--------------|----------------------|--------------|
|----------------------|--------------|----------------------|--------------|

## Image 1:

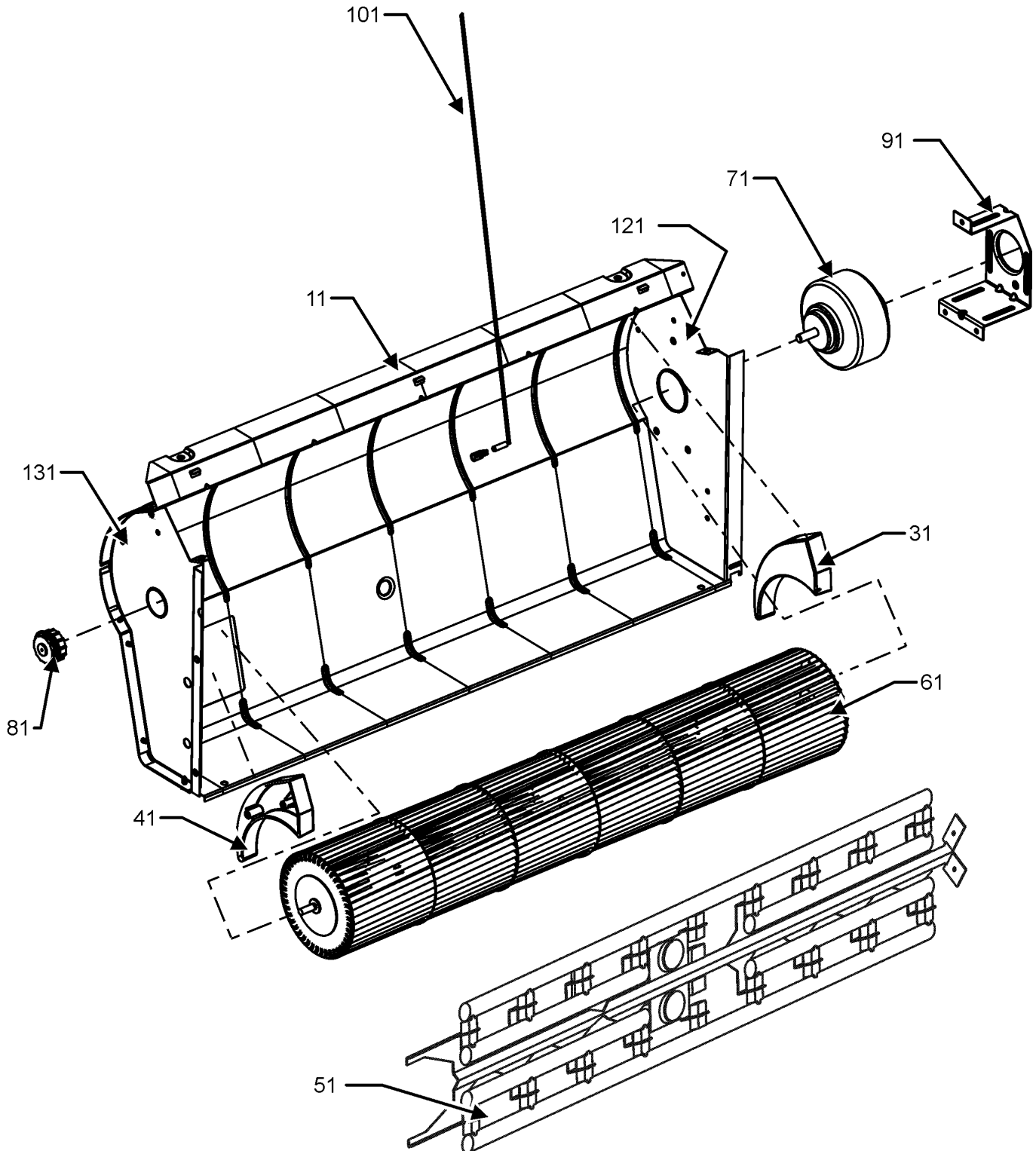
|     |              |                                            |
|-----|--------------|--------------------------------------------|
| 11  | 0121P00175DG | BASEPAN (M1, M2, M3, M4, M7, M8, M9, M10)  |
| 11  | 0121P00175NG | BASEPAN (M5, M6)                           |
| 21  | 0161P00044   | PLASTIC-DRAIN PAN                          |
| 61  | 0121P00278   | PANEL-MID PTN PTC                          |
| 71  | 0121P00063NG | TOP, PARTITION PANEL                       |
| 81  | 0121P00197   | SEAL-L SIDE PTC                            |
| 91  | 0121P00198   | SEAL-R SIDE PTC                            |
| 101 | 0121P00071NG | BRACE, TIE (QTY 2)                         |
| 111 | 0121P00070DG | COVER, MOTOR                               |
| 121 | 0121P00280   | COVER-CONTROL PANEL                        |
| 131 | RSKP0015     | CONTROL PANEL COVER AND MEMBRANE           |
| 141 | 0161P00016   | PLASTIC-HOOD                               |
| 151 | 20410801     | ACCESS COVER                               |
| 161 | 0121P00061DG | CUTOFF-SCROLL DG                           |
| 251 | 0130P00112   | CORD,250VAC,15A (LCD) (M1, M2, M3)         |
| 251 | 0130P00115   | CORD,250VAC,20A (LCD) (M4, M5, M6, M7, M8) |
| 251 | 0130P00118   | CORD,250VAC,30A (LCD) (M9, M10)            |
| NS  | 0130P00109   | MEMBRANE (CONTROL)                         |

## Expanded Model Nomenclature

M1 - PMC093G25AXXXGA  
 M2 - PMC093G25ERXXGA  
 M3 - PMC093G25EXXXGA  
 M4 - PMC093G35AXXXGA  
 M5 - PMC093G35CEXXGA  
 M6 - PMC093G35CXXGA  
 M7 - PMC093G35ERXXGA  
 M8 - PMC093G35EXXXGA  
 M9 - PMC093G50ERXXGA  
 M10 - PMC093G50EXXXGA

# Indoor Blower Assembly

## INDOOR BLOWER ASSEMBLY



# Indoor Blower Assembly

## Ref. Part

No: No:

Description:

## Ref. Part

No: No:

Description:

### Image 1:

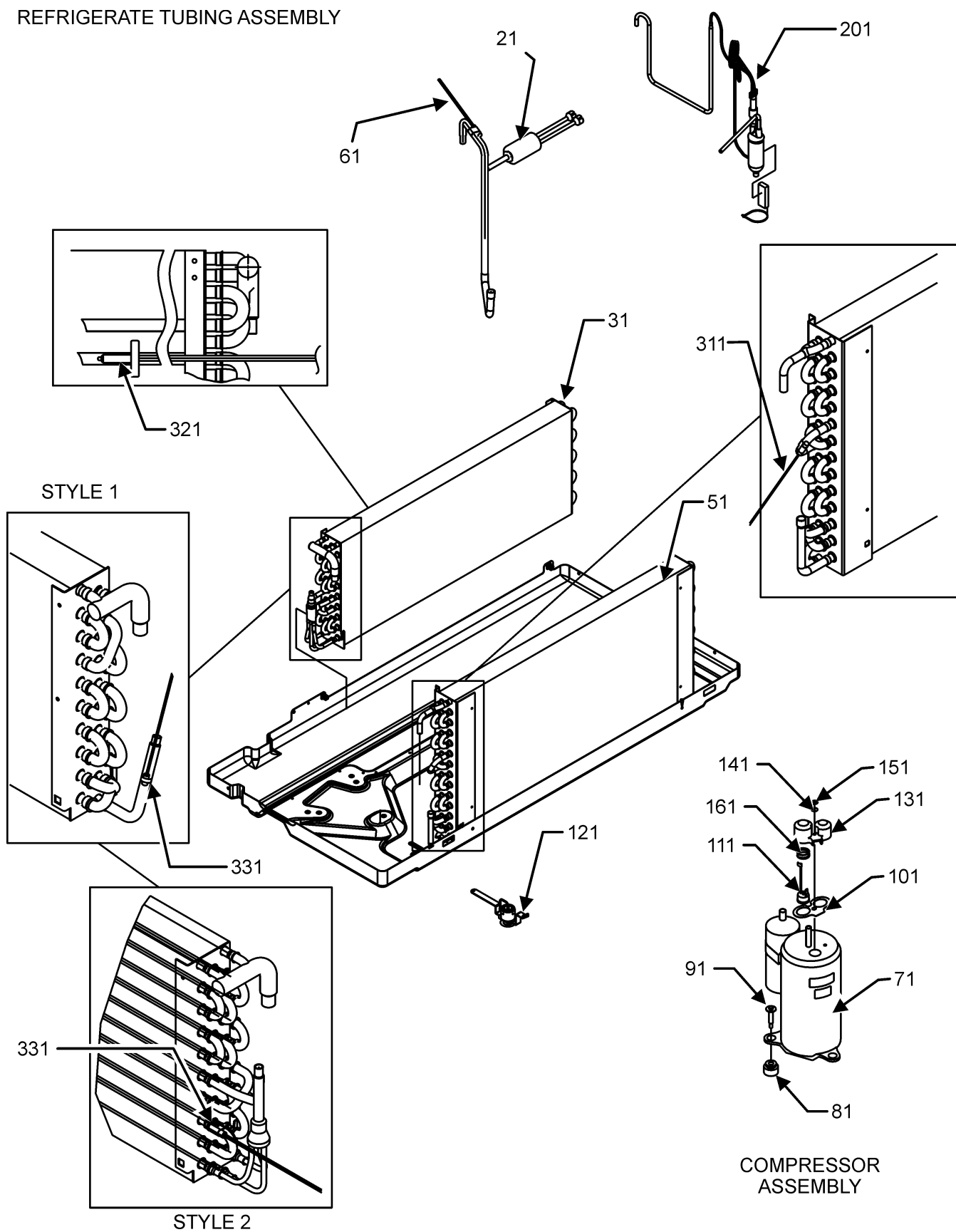
|     |              |                                  |
|-----|--------------|----------------------------------|
| 11  | 0270P01070   | SCROLL ASSY                      |
| 31  | 0161P00021   | END CAP, RIGHT                   |
| 41  | 0161P00022   | END CAP, LEFT                    |
| 51  | 0275P00019   | HEATER ASSY (M1, M2, M3)         |
| 51  | 0275P00038   | HEATER ASSY (M4, M5, M6, M7, M8) |
| 51  | 0275P00039   | HEATER ASSY (M9, M10)            |
| 61  | 0150P00005   | WHEEL, BLOWER                    |
| 71  | 0131P00029   | FAN MOTOR, INDOOR                |
| 81  | 0163P00027   | BEARING                          |
| 91  | 0121P00048   | BRACKET-MOTOR MOUNT              |
| 101 | 0130P00134   | THERMISTOR                       |
| 121 | 0121P00059DG | ENDPLATE-RH SCROLL               |
| 131 | 0121P00215DG | ENDPLATE- LH SCROLL              |

### Expanded Model Nomenclature

M1 - PMC093G25AXXXGA  
M2 - PMC093G25ERXXGA  
M3 - PMC093G25EXXXGA  
M4 - PMC093G35AXXXGA  
M5 - PMC093G35CEXXGA  
M6 - PMC093G35CXXXGA  
M7 - PMC093G35ERXXGA  
M8 - PMC093G35EXXXGA  
M9 - PMC093G50ERXXGA  
M10 - PMC093G50EXXXGA

## Refrigerate Tubing Assembly

## REFRIGERATE TUBING ASSEMBLY



# Refrigerate Tubing Assembly

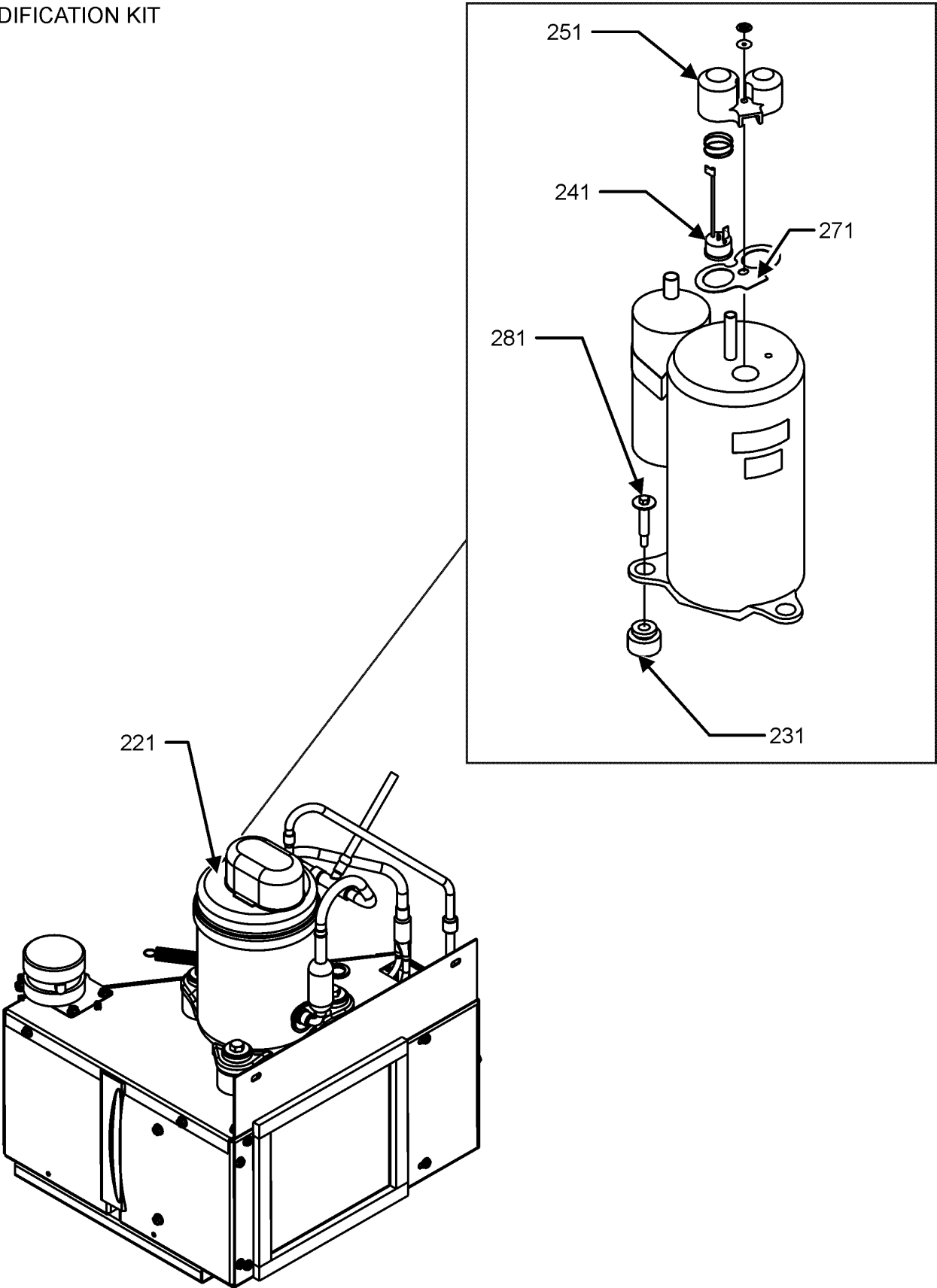
| Ref. Part<br>No: No: | Description:  | Ref. Part<br>No: No: | Description:                                              |
|----------------------|---------------|----------------------|-----------------------------------------------------------|
| <b>Image 1:</b>      |               |                      |                                                           |
| 21                   | 0130M00169    |                      | SWITCH, HIGH PRESS                                        |
| 31                   | 0202P00093    |                      | 7MM EVAP ASSY 2 ROW                                       |
| 51                   | 0201P00161MB  |                      | 5 MM COND COIL ASSY, PAINTED (M5, M6)                     |
| 51                   | 0201P00159    |                      | 5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M7, M8, M9, M10) |
| 61                   | 0130P00077    |                      | THERMISTOR (M2, M7, M9)                                   |
| 71                   | 39B202AD&0JKZ |                      | COMPRESSOR, RECHI                                         |
| 81                   | 60130203      |                      | GROMMET - RECHI COMPRESSOR (QTY 3)                        |
| 91                   | 0163M00079    |                      | SHOULDER SCREW (QTY 3)                                    |
| 101                  | 60100103      |                      | TERMINAL GASKET                                           |
| 111                  | 60345620A     |                      | OVERLOAD PROTECTOR-CLEAR PLUG                             |
| 121                  | 20406303      |                      | BASE PAN VALVE                                            |
| 131                  | 60100314      |                      | TERMINAL COVER - RECHI COMP                               |
| 141                  | 60100201      |                      | WASHER - RECHI COMPRESSOR                                 |
| 151                  | 60100401      |                      | TERMINAL NUT - RECHI COMP                                 |
| 161                  | 60500101      |                      | OLP SPRING - RECHI COMPRESSOR                             |
| 201                  | 0210P00580    |                      | CAPILLARY WELDMENT                                        |
| 311                  | 0130P00094    |                      | THERMISTOR OCT BLUE (M2, M7, M9)                          |
| 321                  | 0130P00132    |                      | THERMISTOR                                                |
| 321                  | 0130P00164    |                      | Thermistor ID air 7mm                                     |
| 331                  | 0130P00165    |                      | Thermistor Evap coil 7mm                                  |
| NS                   | BT1392310     |                      | PLASTIC CLAMP, .1875 DIA (M2, M3, M5, M7, M8, M9, M10)    |

## Expanded Model Nomenclature

|                       |
|-----------------------|
| M1 - PMC093G25A XXXGA |
| M2 - PMC093G25ERXXGA  |
| M3 - PMC093G25EXXXGA  |
| M4 - PMC093G35A XXXGA |
| M5 - PMC093G35CEXXGA  |
| M6 - PMC093G35CXXXGA  |
| M7 - PMC093G35ERXXGA  |
| M8 - PMC093G35EXXXGA  |
| M9 - PMC093G50ERXXGA  |
| M10 - PMC093G50EXXXGA |

Dehumidification Kit

DEHUMIDIFICATION KIT



# Dehumidification Kit

| Ref. Part<br>No: No: | Description: | Ref. Part<br>No: No: | Description: |
|----------------------|--------------|----------------------|--------------|
|----------------------|--------------|----------------------|--------------|

## Image 1:

|     |                |                            |
|-----|----------------|----------------------------|
| 221 | BSA357CN       | COMPRESSOR, HITACHI 1 HP   |
| 231 | 0163M00272     | COMPRESSOR GROMMET (QTY 3) |
| 241 | 0130P00136     | OVERLOAD PROTECTOR         |
| 251 | 0163P00034     | TERMINAL COVER             |
| 271 | 0163P00036     | TERMINAL GASKET            |
| 281 | 0163M00079     | SHOULDER SCREW (QTY 3)     |
| NS  | 0201P00104     | 5MM CONDENSER COIL ASSY    |
| NS  | 0202P00082     | 5MM EVAPORATOR COIL ASSY   |
| NS  | CAP065000440RP | CAPACITOR                  |
| NS  | B821700        | CAPACITOR BOOT             |
| NS  | 0163P00029     | CAPACITOR CLAMP            |
| NS  | 0161P00052SW   | FILTER RACK                |
| NS  | 0130P00133     | HUMIDITY SENSOR            |
| NS  | 11149201       | MUFFIN FAN                 |
| NS  | 0130P00145     | THERMISTOR DTT GRAY        |
| NS  | 0130P00132     | THERMISTOR STT BROWN       |
| NS  | 0270P01351DG   | VENT/DEHUMIDIFICATION KIT  |
| NS  | 0259P00018     | WIRE HARNESS               |

## Expanded Model Nomenclature

|                       |
|-----------------------|
| M1 - PMC093G25AXXXGA  |
| M2 - PMC093G25ERXXGA  |
| M3 - PMC093G25EXXXGA  |
| M4 - PMC093G35AXXXGA  |
| M5 - PMC093G35CEXXGA  |
| M6 - PMC093G35CXXGA   |
| M7 - PMC093G35ERXXGA  |
| M8 - PMC093G35EXXXGA  |
| M9 - PMC093G50ERXXGA  |
| M10 - PMC093G50EXXXGA |