

SERVICE MANUAL



| Indoor unit | Outdoor unit |
|-------------|--------------|
| ASHG07KMTA | AOHG07KMTA |
| ASHG09KMTA | AOHG09KMTA |
| ASHG12KMTA | AOHG12KMTA |
| ASHG14KMTA | AOHG14KMTA |

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SPECIFICATIONS

ELECTRICAL DATA

| | | | |
|--------------|-----------------------|--------------------------|------------|
| INDOOR UNIT | | ASHG07KMTA | ASHG09KMTA |
| OUTDOOR UNIT | | AOHG07KMTA | AOHG09KMTA |
| POWER SUPPLY | | 230 V 50 Hz Single phase | |
| Cooling | Capacity | 2.00 kW | 2.50 kW |
| | Power consumption | 0.450 kW | 0.63 kW |
| | EER | 4.43 kW/kW | 3.97 kW/kW |
| | Operating current | 2.6 A | 3.4 A |
| | Max operating current | 6.5 A | 6.5 A |
| | Dehumidification | 1.0 L/h | 1.3 L/h |
| Heating | Capacity | 2.50 kW | 2.80 kW |
| | Power consumption | 0.555 kW | 0.62 kW |
| | COP | 4.52 kW/kW | 4.52 kW/kW |
| | Operating current | 3.0 A | 3.4 A |
| | Max operating current | 9.0 A | 9.0 A |

DIMENSIONS

| | |
|------------------------|--------------------|
| INDOOR UNIT H x W x D | 270 x 834 x 215 mm |
| OUTDOOR UNIT H x W x D | 541 x 663 x 290 mm |

WEIGHT

| | |
|-----------------------------|-----------------|
| INDOOR UNIT Net / Shipping | 10 kg / 12.5 kg |
| OUTDOOR UNIT Net / Shipping | 23 kg / 26 kg |

FAN MOTOR AND FAN REVOLUTION

| | | | |
|-------------------------------|---------|-------------|-----------|
| INDOOR UNIT'S Discrimination | | MFD-Z30YB3N | |
| OUTDOOR UNIT'S Discrimination | | MFE-W25VA2F | |
| INDOOR UNIT Cooling | High | 1,050 rpm | 1,110 rpm |
| | Medium | 900 rpm | 920 rpm |
| | Low | 760 rpm | 760 rpm |
| | Quiet | 550 rpm | 550 rpm |
| INDOOR UNIT Heating | High | 1,140 rpm | 1,180 rpm |
| | Medium | 950 rpm | 970 rpm |
| | Low | 800 rpm | 810 rpm |
| | Quiet | 630 rpm | 630 rpm |
| OUTDOOR UNIT | Cooling | 950 rpm | 950 rpm |
| | Heating | 930 rpm | 930 rpm |

AIRFLOW

| | | | |
|---------------------|---------|-------------------------|-------------------------|
| INDOOR UNIT Cooling | High | 650 m ³ /h | 700 m ³ /h |
| | Medium | 540 m ³ /h | 560 m ³ /h |
| | Low | 430 m ³ /h | 430 m ³ /h |
| | Quiet | 270 m ³ /h | 270 m ³ /h |
| INDOOR UNIT Heating | High | 720 m ³ /h | 750 m ³ /h |
| | Medium | 580 m ³ /h | 610 m ³ /h |
| | Low | 460 m ³ /h | 470 m ³ /h |
| | Quiet | 330 m ³ /h | 330 m ³ /h |
| OUTDOOR UNIT | Cooling | 1,650 m ³ /h | 1,650 m ³ /h |
| | Heating | 1,450 m ³ /h | 1,450 m ³ /h |

NOISE LEVEL

| | | | |
|---------------------|---------|-------|-------|
| INDOOR UNIT Cooling | High | 38 dB | 40 dB |
| | Medium | 33 dB | 34 dB |
| | Low | 29 dB | 29 dB |
| INDOOR UNIT Heating | High | 41 dB | 42 dB |
| | Medium | 35 dB | 36 dB |
| | Low | 31 dB | 31 dB |
| OUTDOOR UNIT | Cooling | 46 dB | 46 dB |
| | Heating | 46 dB | 46 dB |

COMPRESSOR AND REFRIGERANT

| | | | |
|------------------------------|---|------|-------|
| COMPRESSOR TYPE | Hermetic rotary DC inverter compressor, DC brushless motor, 6 poles | | |
| DISCRIMINATION | KSK66D43UERA | | |
| WEIGHT (with oil) | 5.96 kg | | |
| PRECHARGED REFRIGERANT | 600 g | | |
| REFRIGERANT TYPE | R32 | | |
| FULL CHARGE | Pipe length | 15 m | 600 g |
| | | 20 m | 700 g |
| ADDITIONAL CHARGE | 20 g/m | | |
| MAX PIPING HEIGHT DIFFERENCE | 15 m | | |

ELECTRICAL DATA

| | | | |
|--------------|-----------------------|--------------------------|------------|
| INDOOR UNIT | | ASHG12KMTA | ASHG14KMTA |
| OUTDOOR UNIT | | AOHG12KMTA | AOHG14KMTA |
| POWER SUPPLY | | 230 V 50 Hz Single phase | |
| Cooling | Capacity | 3.40 kW | 4.20 kW |
| | Power consumption | 0.935 kW | 1.220 kW |
| | EER | 3.65 kW/kW | 3.44 kW/kW |
| | Operating current | 4.8 A | 5.8 A |
| | Max operating current | 6.5 A | 6.5 A |
| | Dehumidification | 1.8 L/h | 2.1 L/h |
| Heating | Capacity | 4.00 kW | 5.40 kW |
| | Power consumption | 0.96 kW | 1.410 kW |
| | COP | 4.17 kW/kW | 3.83 kW/kW |
| | Operating current | 5.1 A | 6.8 A |
| | Max operating current | 9.0 A | 9.0 A |

DIMENSIONS

| | | |
|------------------------|-----------------------|-----------------------|
| INDOOR UNIT H x W x D | 270 x 834 x 215 mm | |
| OUTDOOR UNIT H x W x D | 541 x 663 x 290 mm | 542 x 799 x 290 mm |

WEIGHT

| | | |
|-----------------------------|-----------------|---------------|
| INDOOR UNIT Net / Shipping | 10 kg / 12.5 kg | 10 kg / 13 kg |
| OUTDOOR UNIT Net / Shipping | 25 kg / 29 kg | 31 kg / 35 kg |

FAN MOTOR AND FAN REVOLUTION

| | | | |
|-------------------------------|---------|-------------|-------------|
| INDOOR UNIT'S Discrimination | | MFD-Z30YB3N | MFD-U50XB3F |
| OUTDOOR UNIT'S Discrimination | | MFE-W25VA2F | |
| INDOOR UNIT Cooling | High | 1,110 rpm | 1,250 rpm |
| | Medium | 920 rpm | 1,020 rpm |
| | Low | 760 rpm | 810 rpm |
| | Quiet | 550 rpm | 580 rpm |
| INDOOR UNIT Heating | High | 1,200 rpm | 1,290 rpm |
| | Medium | 1,030 rpm | 1,100 rpm |
| | Low | 880 rpm | 910 rpm |
| | Quiet | 630 rpm | 670 rpm |
| OUTDOOR UNIT | Cooling | 950 rpm | 990 rpm |
| | Heating | 1,020 rpm | 1,120 rpm |

AIRFLOW

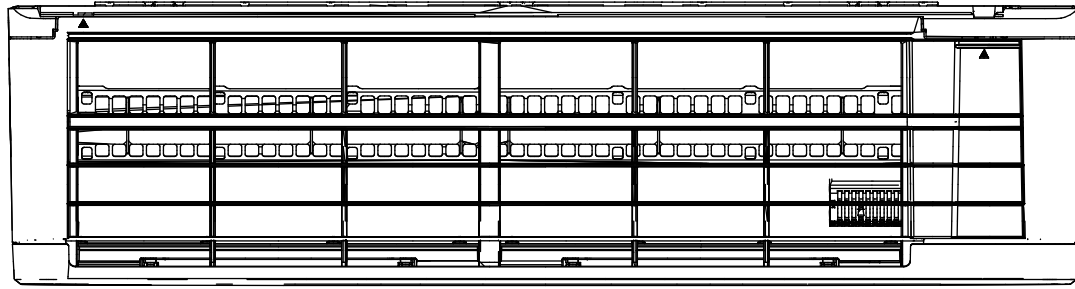
| | | | |
|---------------------|---------|------------|------------|
| INDOOR UNIT Cooling | High | 700 m³/h | 770 m³/h |
| | Medium | 560 m³/h | 600 m³/h |
| | Low | 430 m³/h | 450 m³/h |
| | Quiet | 270 m³/h | 280 m³/h |
| INDOOR UNIT Heating | High | 770 m³/h | 800 m³/h |
| | Medium | 640 m³/h | 660 m³/h |
| | Low | 520 m³/h | 520 m³/h |
| | Quiet | 330 m³/h | 340 m³/h |
| OUTDOOR UNIT | Cooling | 1,700 m³/h | 1,680 m³/h |
| | Heating | 1,470 m³/h | 1,580 m³/h |

NOISE LEVEL

| | | | |
|---------------------|---------|-------|-------|
| INDOOR UNIT Cooling | High | 40 dB | 43 dB |
| | Medium | 35 dB | 36 dB |
| | Low | 30 dB | 30 dB |
| INDOOR UNIT Heating | High | 42 dB | 44 dB |
| | Medium | 38 dB | 39 dB |
| | Low | 33 dB | 33 dB |
| OUTDOOR UNIT | Cooling | 50 dB | 50 dB |
| | Heating | 50 dB | 50 dB |

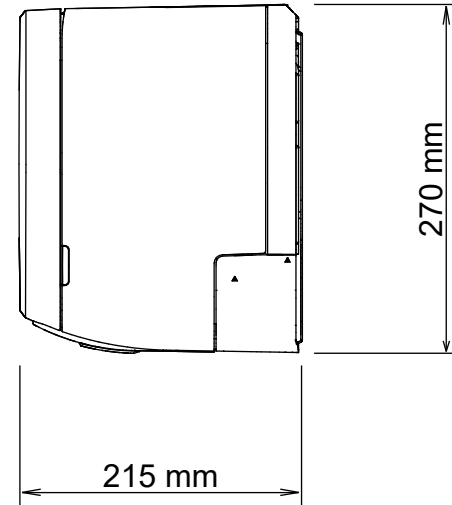
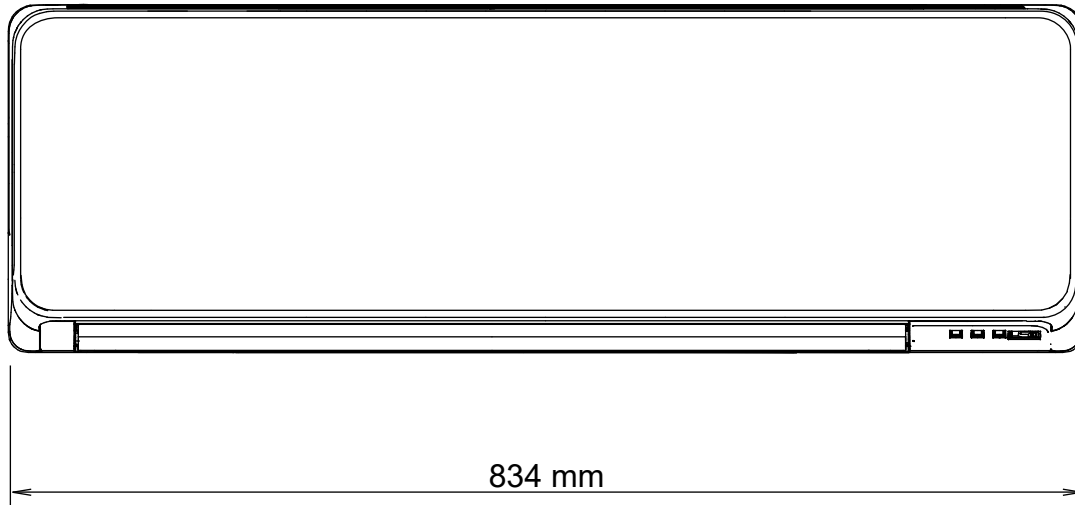
COMPRESSOR AND REFRIGERANT

| | | | |
|------------------------------|---|---|-------|
| COMPRESSOR TYPE | Hermetic rotary DC inverter compressor, DC brushless motor, 6 poles | Hermetic motor compressor, Single rotary, DC brushless motor, 6 poles | |
| DISCRIMINATION | KSK75D43UERA | DA092MJB | |
| WEIGHT (with oil) | 6.00 kg | 7.58 kg | |
| PRECHARGED REFRIGERANT | 700 g | 850 g | |
| REFRIGERANT TYPE | R32 | | |
| FULL CHARGE | Pipe length 15 m | 700 g | 850 g |
| | 20 m | 800 g | 950 g |
| ADDITIONAL CHARGE | 20 g/m | | |
| MAX PIPING HEIGHT DIFFERENCE | 15 m | | |

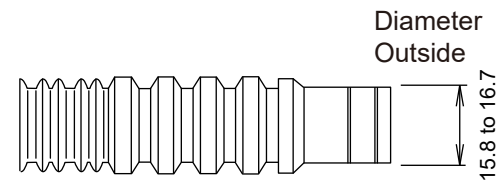
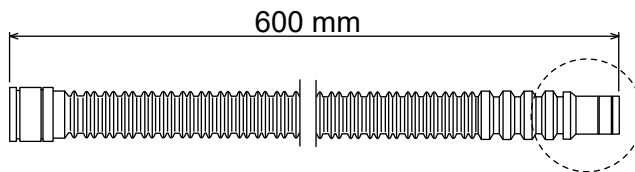


DIMENSIONS

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

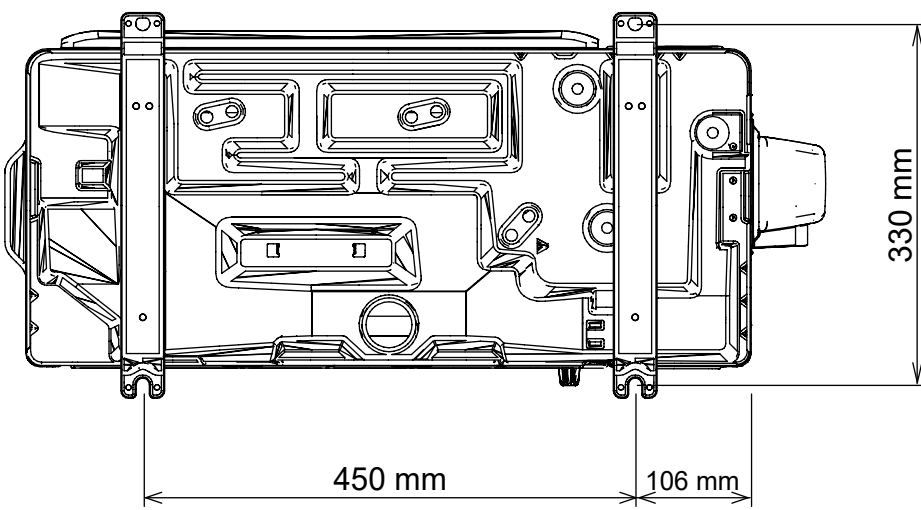
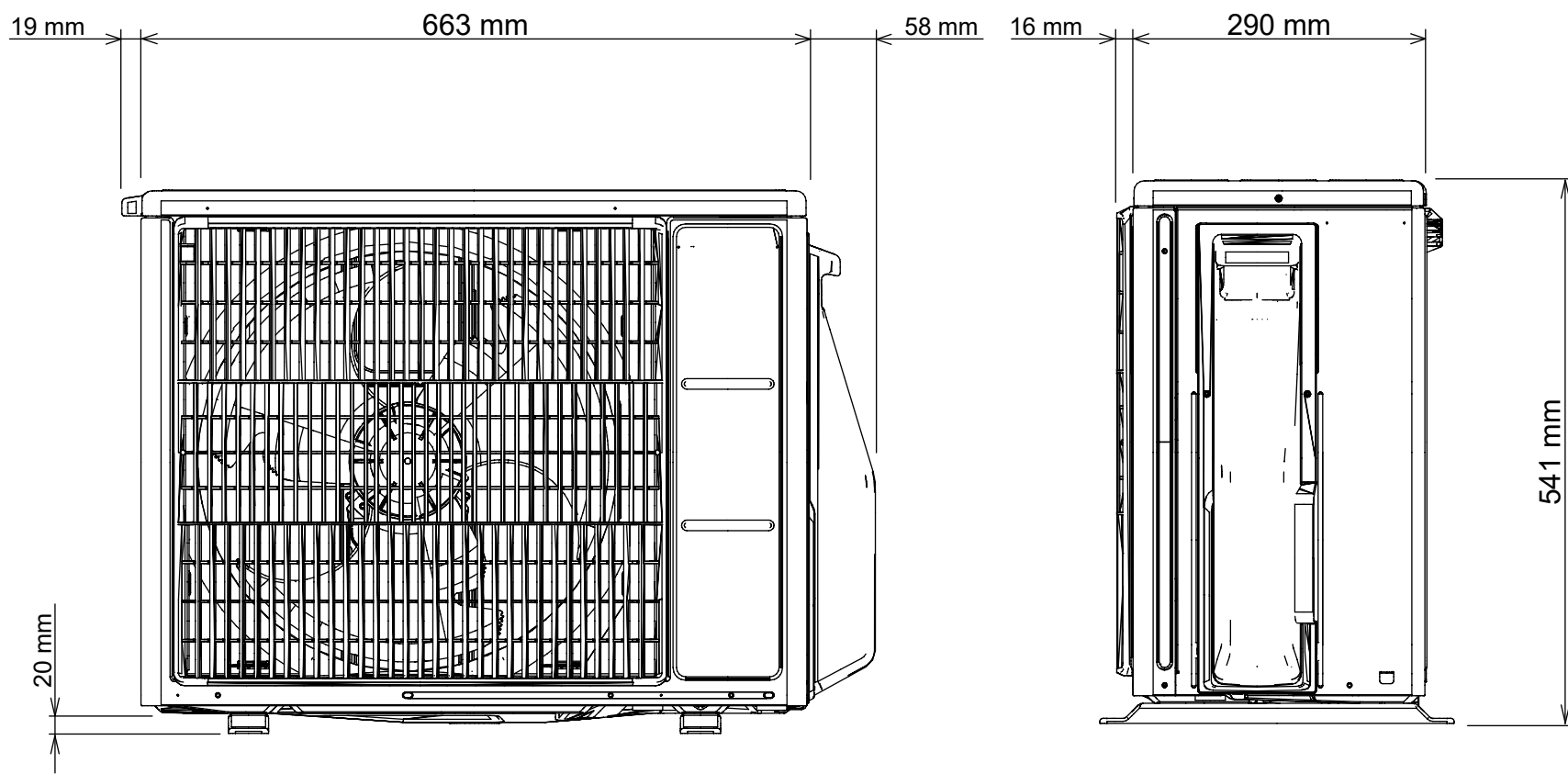


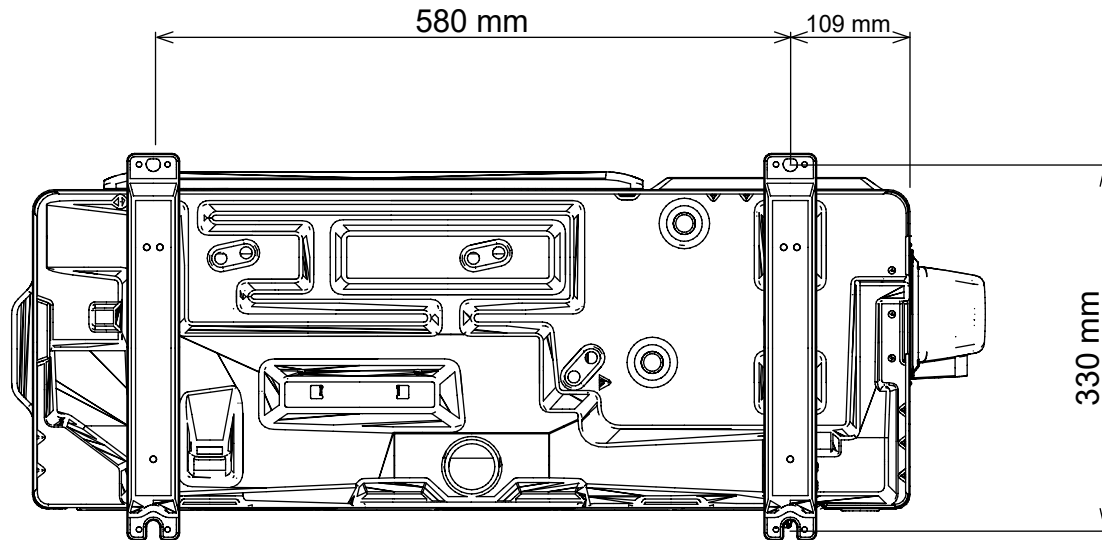
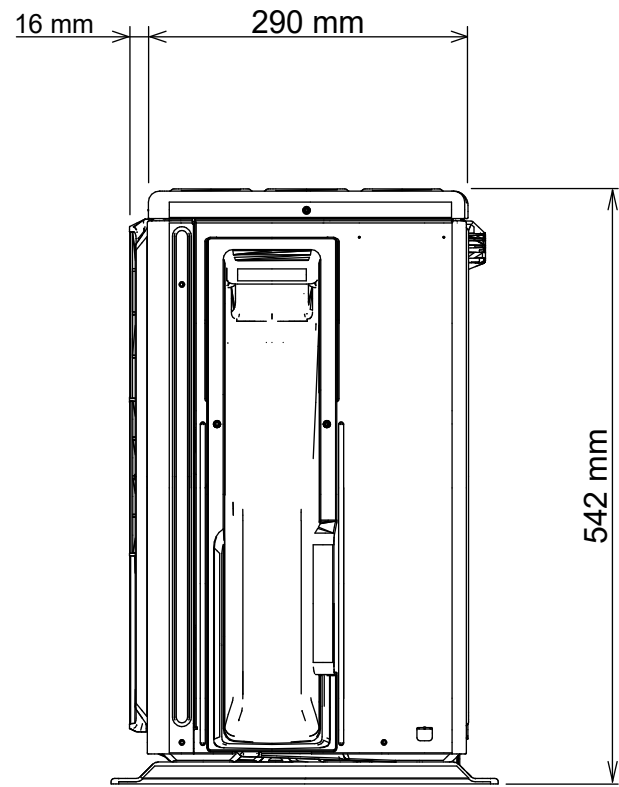
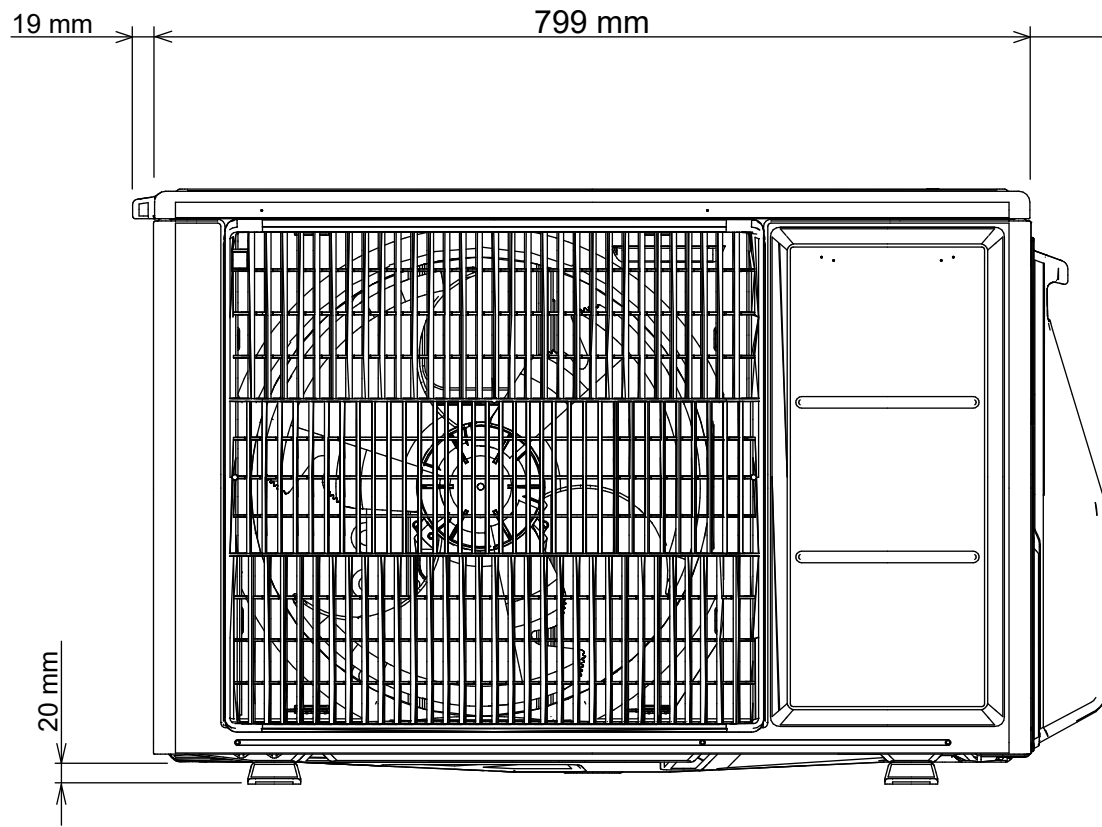
Drain hose



Inside : 13.8 mm

OUTDOOR UNIT
AOHG07KMTA
AOHG09KMTA
AOHG12KMTA





OUTDOOR UNIT
AOHG14KMTA

REFRIGERANT SYSTEM DIAGRAM

ASHG07KMTA / AOHG07KMTA
 ASHG09KMTA / AOHG09KMTA

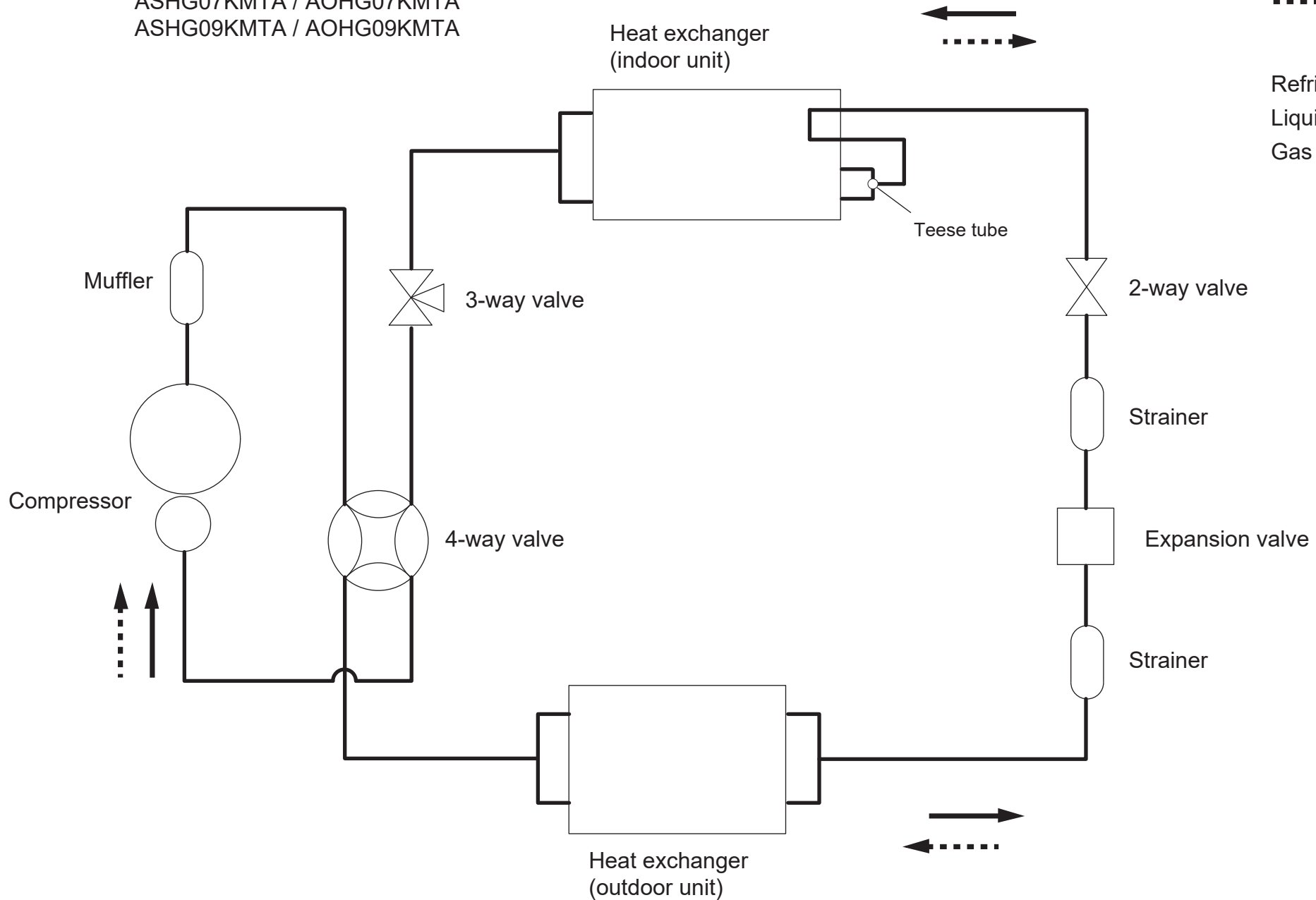
Refrigerant direction



Refrigerant pipe diameter

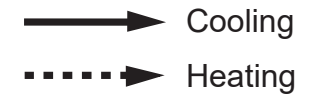
Liquid : 1/4" (6.35 mm)

Gas : 3/8" (9.52 mm)



ASHG12KMTA / AOHG12KMTA

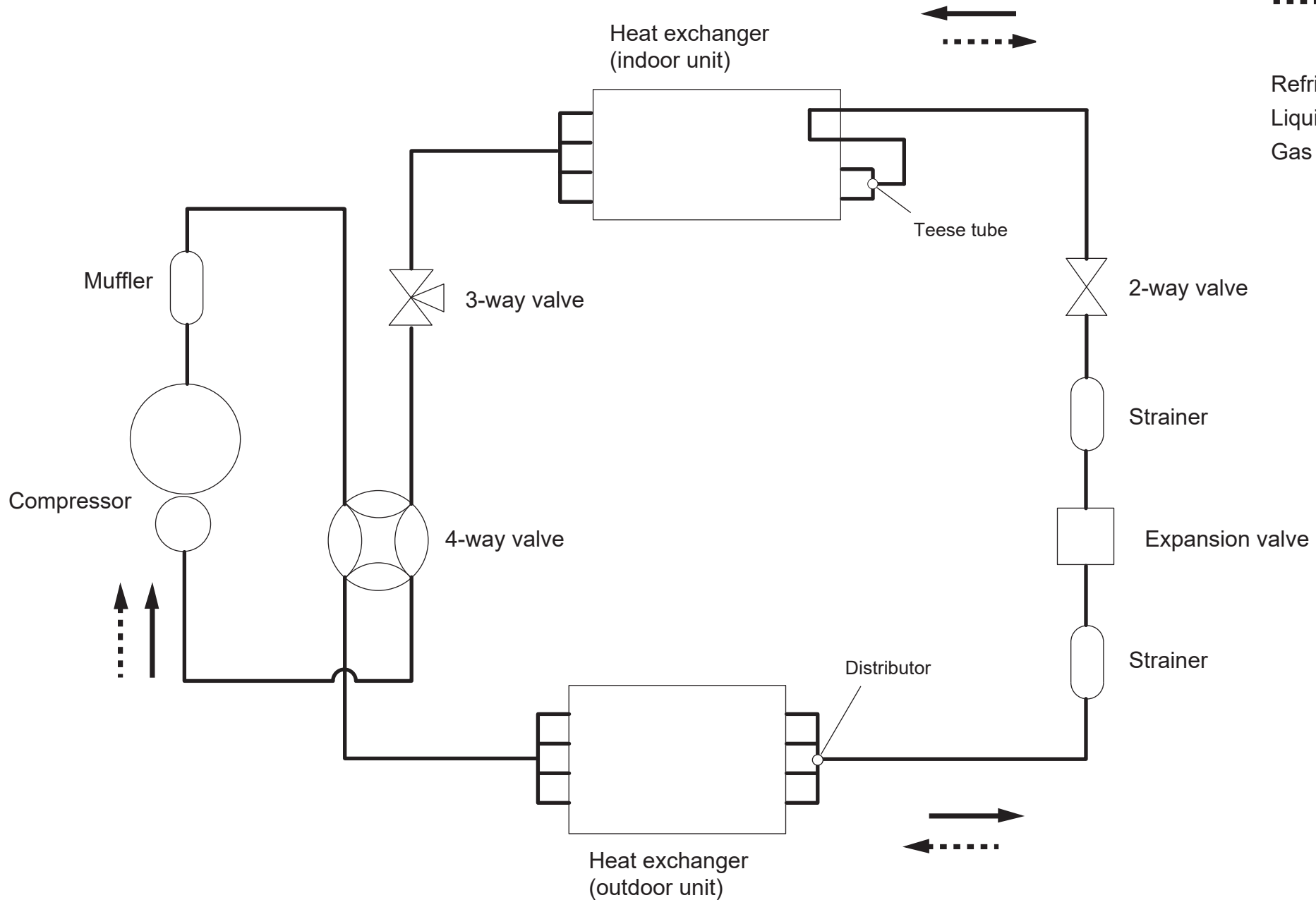
Refrigerant direction



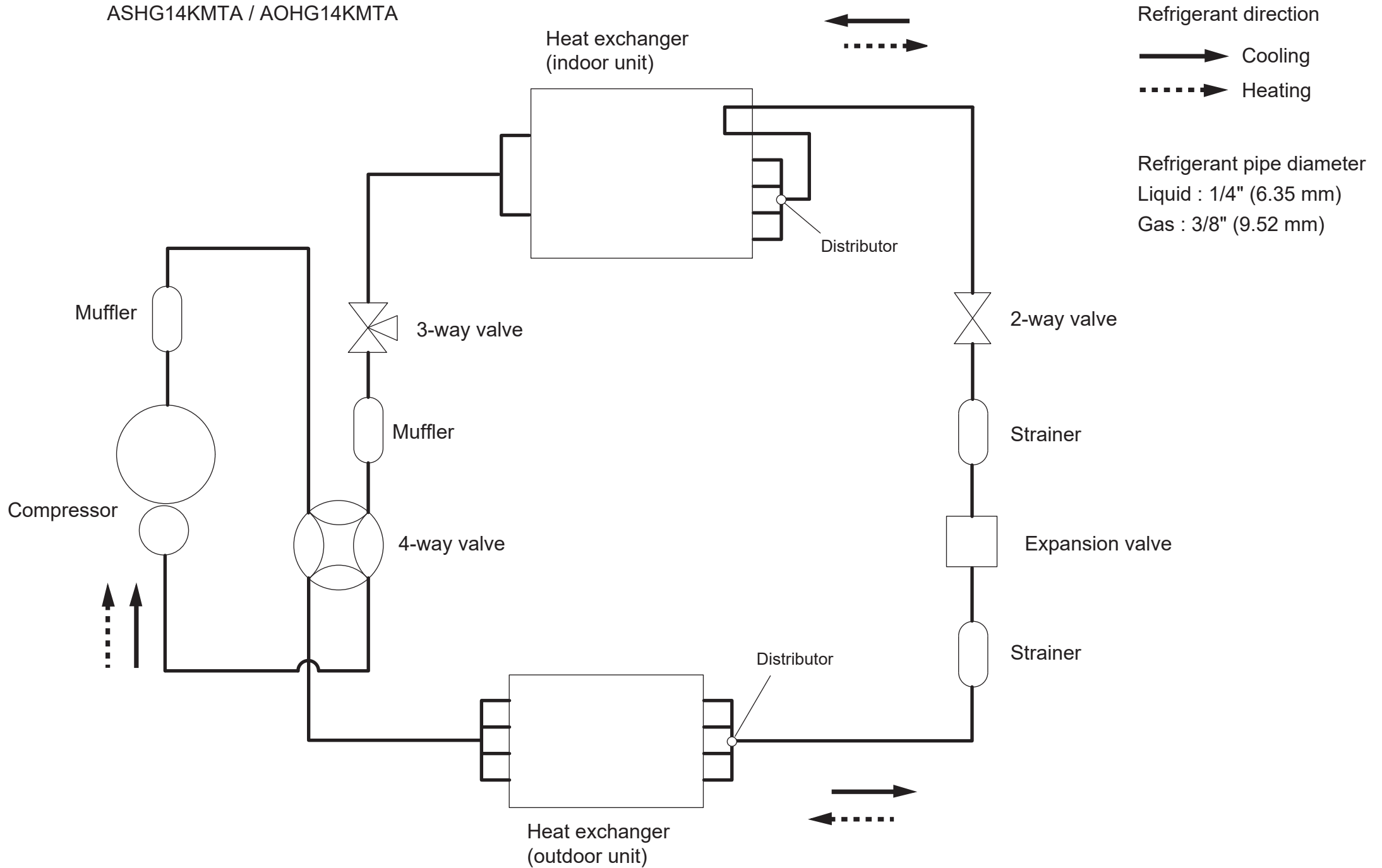
Refrigerant pipe diameter

Liquid : 1/4" (6.35 mm)

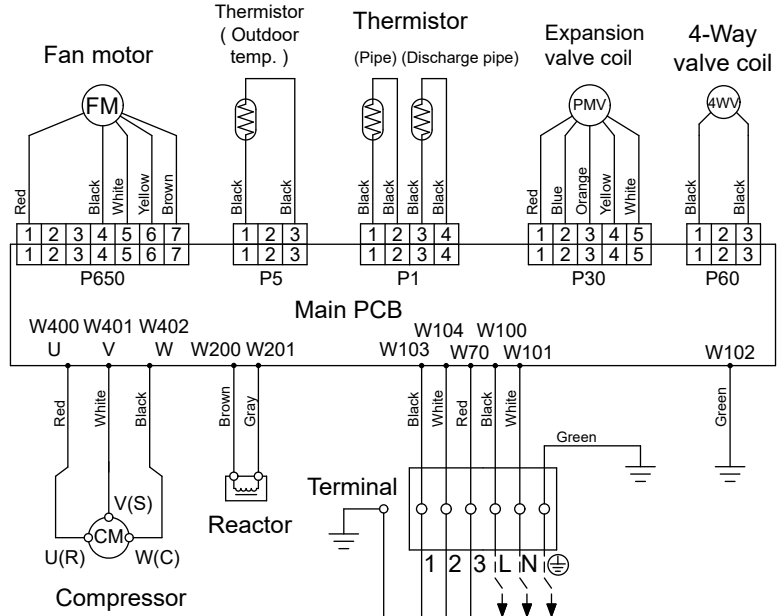
Gas : 3/8" (9.52 mm)



ASHG14KMTA / AOHG14KMTA

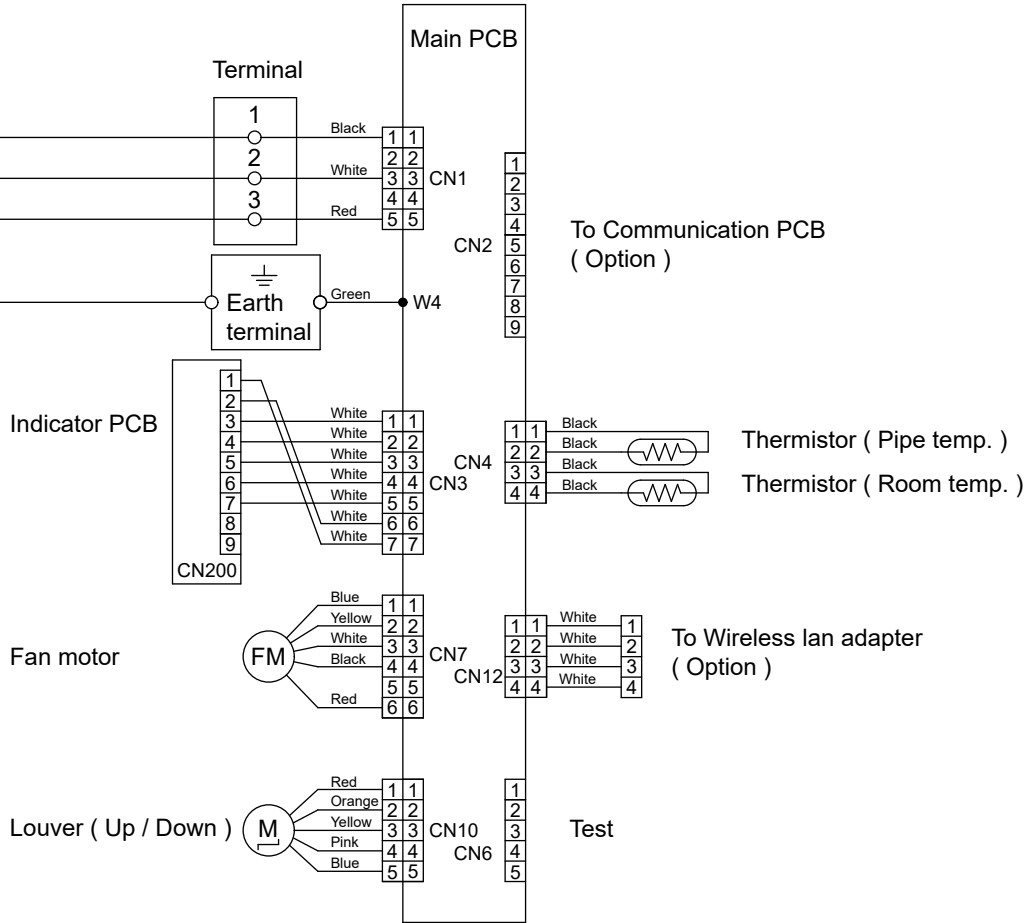


CIRCUIT DIAGRAM



OUTDOOR UNIT

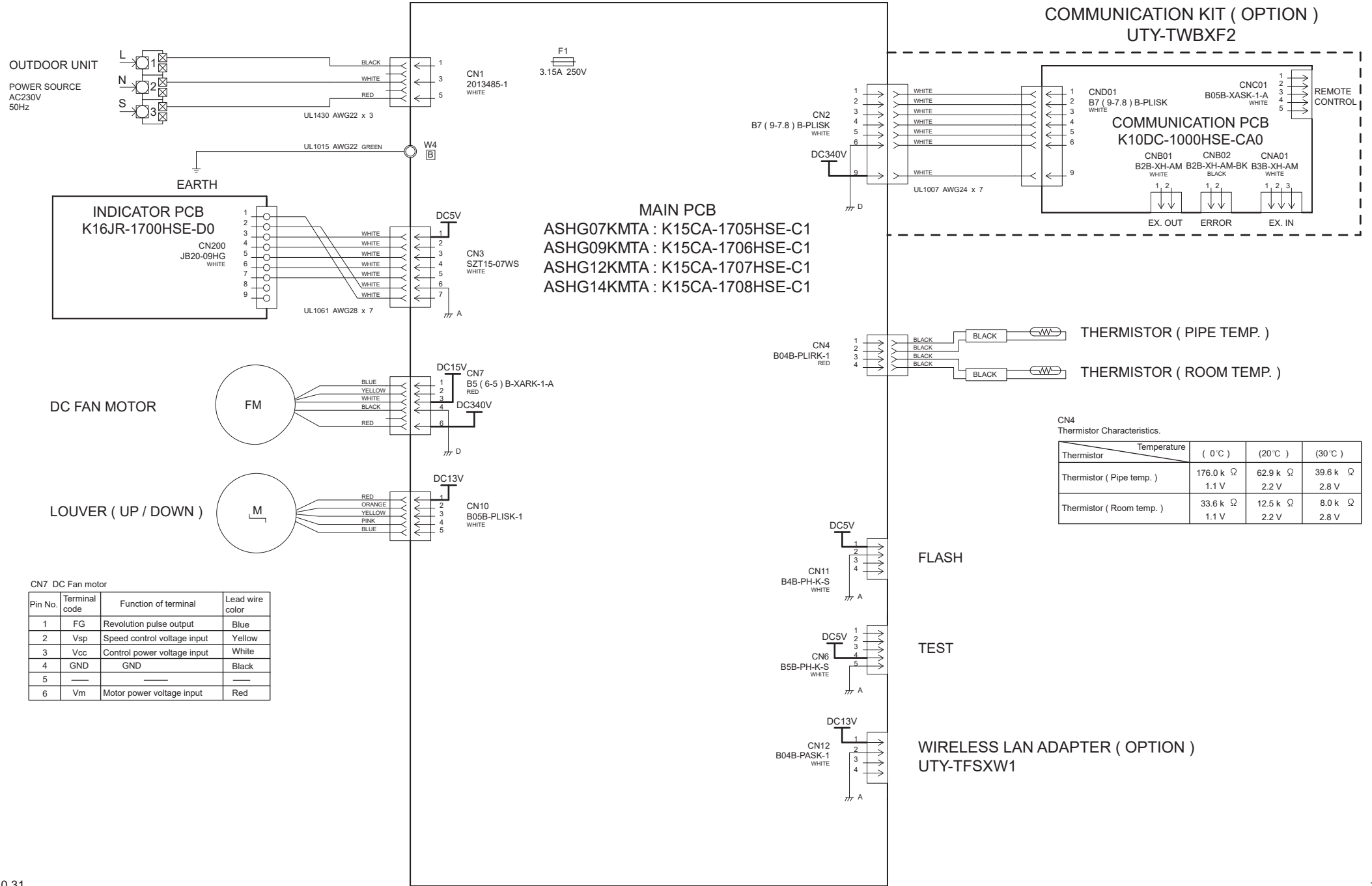
INDOOR UNIT



PCB CIRCUIT DIAGRAM

INDOOR UNIT

CONTROL UNIT
 ASHG07KMTA : EZ-01713HSE
 ASHG09KMTA : EZ-01714HSE
 ASHG12KMTA : EZ-01715HSE
 ASHG14KMTA : EZ-01716HSE



OUTDOOR UNIT

INVERTER ASSEMBLY

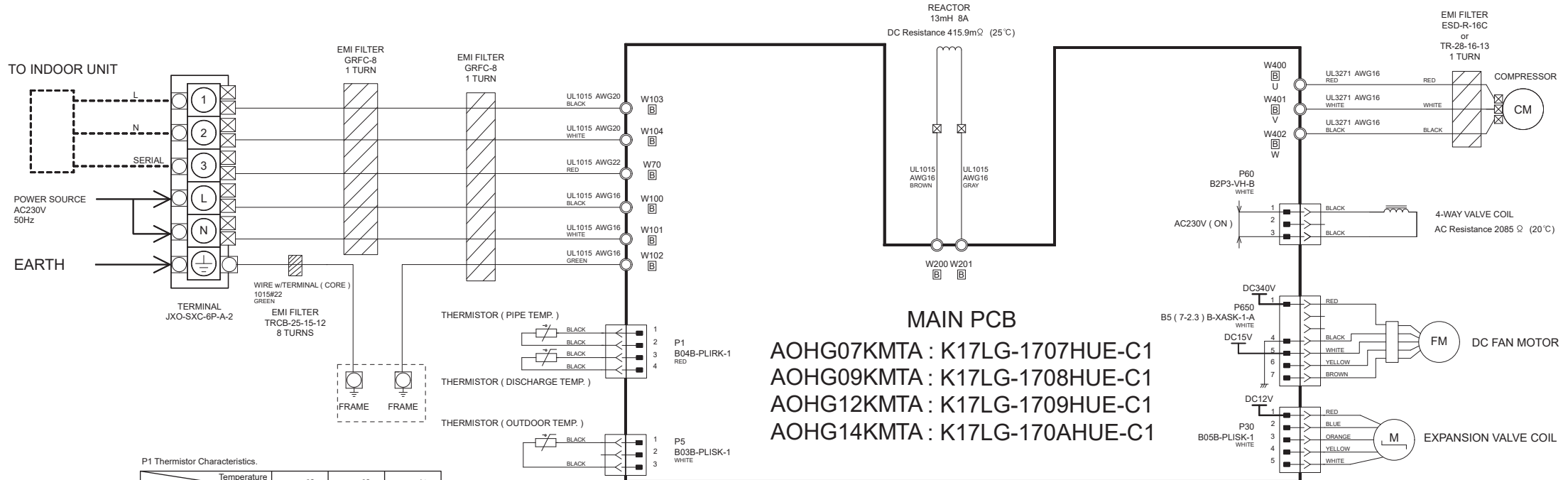
AOYG07KMTA : EZ-01708HUE
 AOYG09KMTA : EZ-01709HUE
 AOYG12KMTA : EZ-0170AHUE
 AOYG14KMTA : EZ-0170BHUE

Compressor
 Winding Resistance
 AOHG07,09,12KMTA

| | |
|-----|---------------------|
| U-V | 2.190 ±7% Ω (20 °C) |
| V-W | |
| U-W | |

AOHG14KMTA

| | |
|-----|---------------------|
| U-V | 1.975 ±7% Ω (25 °C) |
| V-W | |
| U-W | |



P1 Thermistor Characteristics.

| Thermistor | Temperature | 0 °C | 20 °C | 30 °C |
|--------------------------------|-------------|-----------|----------|----------|
| Thermistor (Pipe temp.) | | 16.1 k Ω | 6.0 k Ω | 3.8 k Ω |
| | | 1.1 V | 2.2 V | 2.8 V |
| Thermistor (Discharge temp.) | | 168.6 k Ω | 62.6 k Ω | 40.0 k Ω |
| | | 0.4 V | 0.9 V | 1.2 V |

P5 Thermistor Characteristics.

| Thermistor | Temperature | 0 °C | 20 °C | 30 °C |
|------------------------------|-------------|----------|----------|---------|
| Thermistor (Outdoor temp.) | | 35.2 k Ω | 12.6 k Ω | 8.0 k Ω |
| | | 2.6 V | 3.8 V | 4.1 V |

P30 Expansion Valve Coil
 Recommended Drive Condition
 Unipolar Drive, 1-2 Phase Excitation.

| | |
|--------------------|--|
| 1(Red) - 2(Blue) | Coil resistance ≈ 46.0 Ω (20 °C) |
| 1(Red) - 3(Orange) | |
| 1(Red) - 4(Yellow) | |
| 1(Red) - 5(White) | |

P650 DC Fan Motor

| Pin No. | Terminal code | Function of terminal | Lead wire color |
|---------|---------------|-----------------------------|-----------------|
| 1 | Vm | Motor power voltage input | Red |
| 2 | — | — | — |
| 3 | — | — | — |
| 4 | GND | GND | Black |
| 5 | Vcc | Control power voltage input | White |
| 6 | Vsp | Speed control voltage input | Yellow |
| 7 | FG | Revolution pulse output | Brown |

ERROR DETECTION

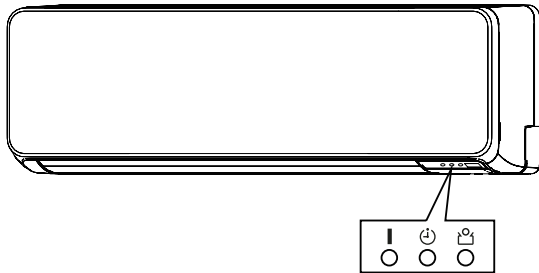
If you use a wireless remote controller, the lamp on the photo detector unit will output error codes by way of blinking patterns.

If you use a wired remote controller, error codes will appear on the remote control display.

See the lamp blinking patterns and error codes in the table.

An error display is displayed only during operation.

Troubleshooting with the indoor unit display



OPERATION indicator lamp (green)
 TIMER indicator lamp (orange)
 ECONOMY indicator lamp (green)

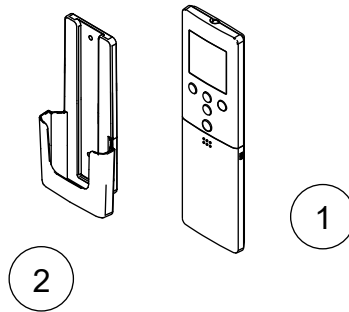
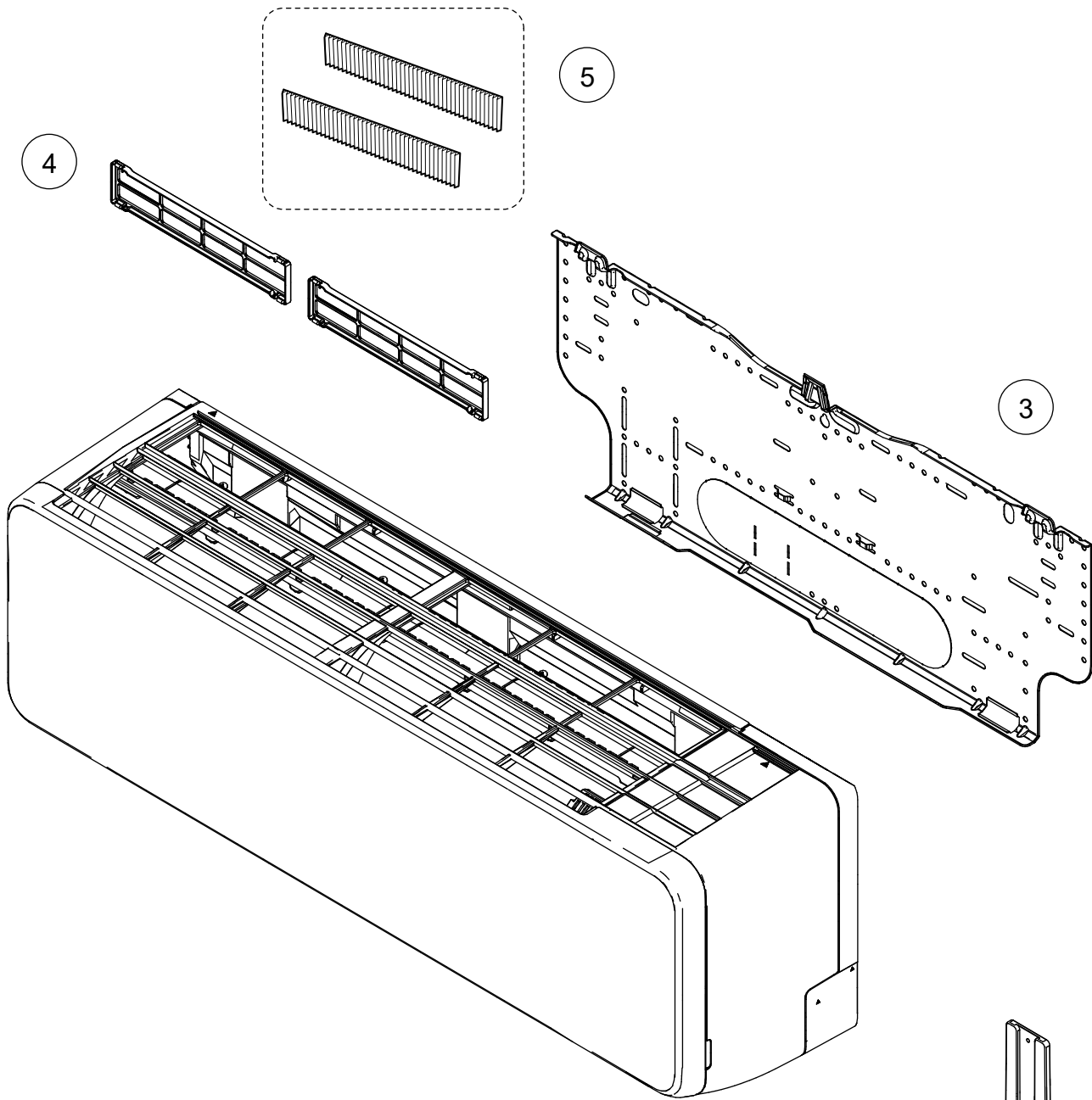
Display mode ● : 0.5s ON / 0.5s OFF
 ◇ : 0.1s ON / 0.1s OFF
 () : Number of flashing

| Error display | | | Error code | Description |
|------------------------|---------------------|----------------------|------------|---|
| OPERATION lamp (green) | TIMER lamp (orange) | ECONOMY lamp (green) | | |
| ●(1) | ●(1) | ◇ | 11 | Serial communication error |
| ●(1) | ●(2) | ◇ | 12 | • Wired remote controller communication error • Server room control communication error |
| ●(1) | ●(5) | ◇ | 15 | Check run unfinished Automatic airflow adjustment error |
| ●(1) | ●(6) | ◇ | 16 | Peripheral unit transmission PCB connection error |
| ●(1) | ●(8) | ◇ | 18 | External communication error |
| ●(2) | ●(1) | ◇ | 21 | Unit number or Refrigerant circuit address setting error [Simultaneous Multi] |
| ●(2) | ●(2) | ◇ | 22 | Indoor unit capacity error |
| ●(2) | ●(3) | ◇ | 23 | Combination error |
| ●(2) | ●(4) | ◇ | 24 | • Connection unit number error (indoor slave unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi] |
| ●(2) | ●(6) | ◇ | 26 | Indoor unit address setting error |
| ●(2) | ●(7) | ◇ | 27 | Primary unit, secondary unit setup error [Simultaneous Multi] |
| ●(2) | ●(9) | ◇ | 29 | Connection unit number error in wired remote controller system |
| ●(3) | ●(1) | ◇ | 31 | Power supply interruption error |
| ●(3) | ●(2) | ◇ | 32 | Indoor unit PCB model information error |
| ●(3) | ●(3) | ◇ | 33 | Indoor unit motor electricity consumption detection error |
| ●(3) | ●(5) | ◇ | 35 | Manual auto switch error |
| ●(3) | ●(9) | ◇ | 39 | Indoor unit power supply error for fan motor |
| ●(3) | ●(10) | ◇ | 3A | Indoor unit communication circuit (wired remote controller) error |
| ●(4) | ●(1) | ◇ | 41 | Room temp. sensor error |
| ●(4) | ●(2) | ◇ | 42 | Indoor unit heat ex. middle temp. sensor error |
| ●(4) | ●(4) | ◇ | 44 | Human sensor error |
| ●(5) | ●(1) | ◇ | 51 | Indoor unit fan motor error |
| ●(5) | ●(3) | ◇ | 53 | Drain pump error |
| ●(5) | ●(4) | ◇ | 54 | Electric air cleaner reverse VDD error |
| ●(5) | ●(5) | ◇ | 55 | Filter set error |
| ●(5) | ●(7) | ◇ | 57 | Damper error |
| ●(5) | ●(8) | ◇ | 58 | Intake grille error |
| ●(5) | ●(9) | ◇ | 59 | Indoor unit fan motor 2 error (Left side fan) |
| ●(5) | ●(10) | ◇ | 5A | Indoor unit fan motor 3 error (Right side fan) |

| Error display | | | Error code | Description |
|------------------------|---------------------|----------------------|------------|---|
| OPERATION lamp (green) | TIMER lamp (orange) | ECONOMY lamp (green) | | |
| ●(5) | ●(15) | ◇ | 5U | Indoor unit error |
| ●(6) | ●(1) | ◇ | 61 | Outdoor unit reverse/missing phase and wiring error |
| ●(6) | ●(2) | ◇ | 62 | Outdoor unit main PCB model information error or communication error |
| ●(6) | ●(3) | ◇ | 63 | Inverter error |
| ●(6) | ●(4) | ◇ | 64 | Active filter error, PFC circuit error |
| ●(6) | ●(5) | ◇ | 65 | Trip terminal L error |
| ●(6) | ●(8) | ◇ | 68 | Outdoor unit rush current limiting resistor temp. rise error |
| ●(6) | ●(10) | ◇ | 6A | Display PCB microcomputers communication error |
| ●(7) | ●(1) | ◇ | 71 | Discharge temp. sensor error |
| ●(7) | ●(2) | ◇ | 72 | Compressor temp. sensor error |
| ●(7) | ●(3) | ◇ | 73 | Outdoor unit Heat Ex. liquid temp. sensor error |
| ●(7) | ●(4) | ◇ | 74 | Outdoor temp. sensor error |
| ●(7) | ●(5) | ◇ | 75 | Suction Gas temp. sensor error |
| ●(7) | ●(6) | ◇ | 76 | • 2-way valve temp. sensor error • 3-way valve temp. sensor error |
| ●(7) | ●(7) | ◇ | 77 | Heat sink temp. sensor error |
| ●(8) | ●(2) | ◇ | 82 | • Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error |
| ●(8) | ●(3) | ◇ | 83 | Liquid pipe temp. sensor error |
| ●(8) | ●(4) | ◇ | 84 | Current sensor error |
| ●(8) | ●(6) | ◇ | 86 | • Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error |
| ●(9) | ●(4) | ◇ | 94 | Trip detection |
| ●(9) | ●(5) | ◇ | 95 | Compressor rotor position detection error (permanent stop) |
| ●(9) | ●(7) | ◇ | 97 | Outdoor unit fan motor 1 error |
| ●(9) | ●(8) | ◇ | 98 | Outdoor unit fan motor 2 error |
| ●(9) | ●(9) | ◇ | 99 | 4-way valve error |
| ●(9) | ●(10) | ◇ | 9A | Coil (expansion valve) error |
| ●(10) | ●(1) | ◇ | A1 | Discharge temp. error |
| ●(10) | ●(3) | ◇ | A3 | Compressor temp. error |
| ●(10) | ●(4) | ◇ | A4 | High pressure error |
| ●(10) | ●(5) | ◇ | A5 | Low pressure error |
| ●(13) | ●(2) | ◇ | J2 | Branch boxes error [Flexible Multi] |

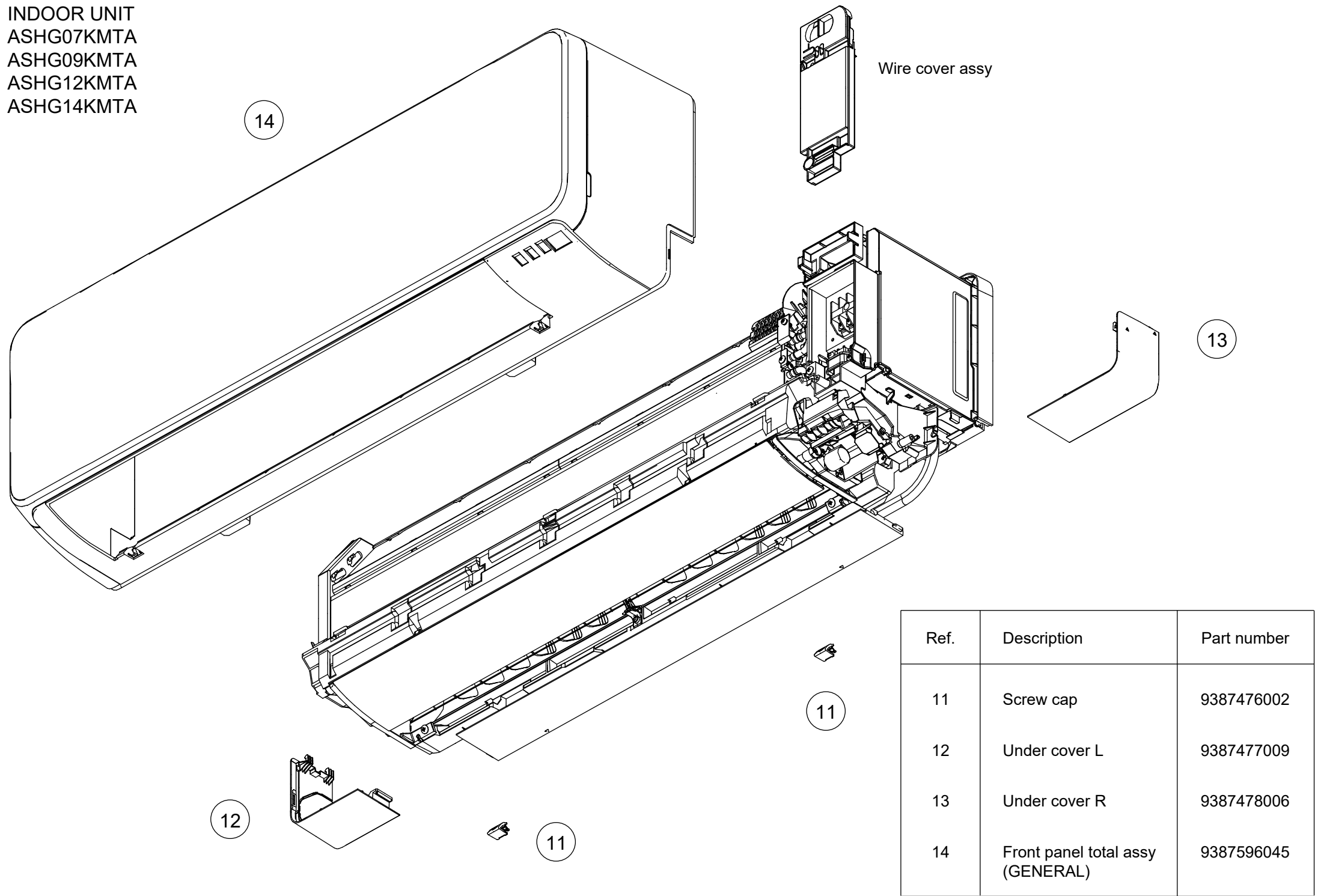
PARTS

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA



| Ref. | Description | Part number |
|------|---------------------------|-------------|
| 1 | Remote control (no brand) | 9319208008 |
| 2 | Remote control holder | 9318912005 |
| 3 | Bracket panel | 9387480009 |
| 4 | Electric filter holder | 9332911008 |
| 5 | Air clean filter assy | 9317250009 |

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

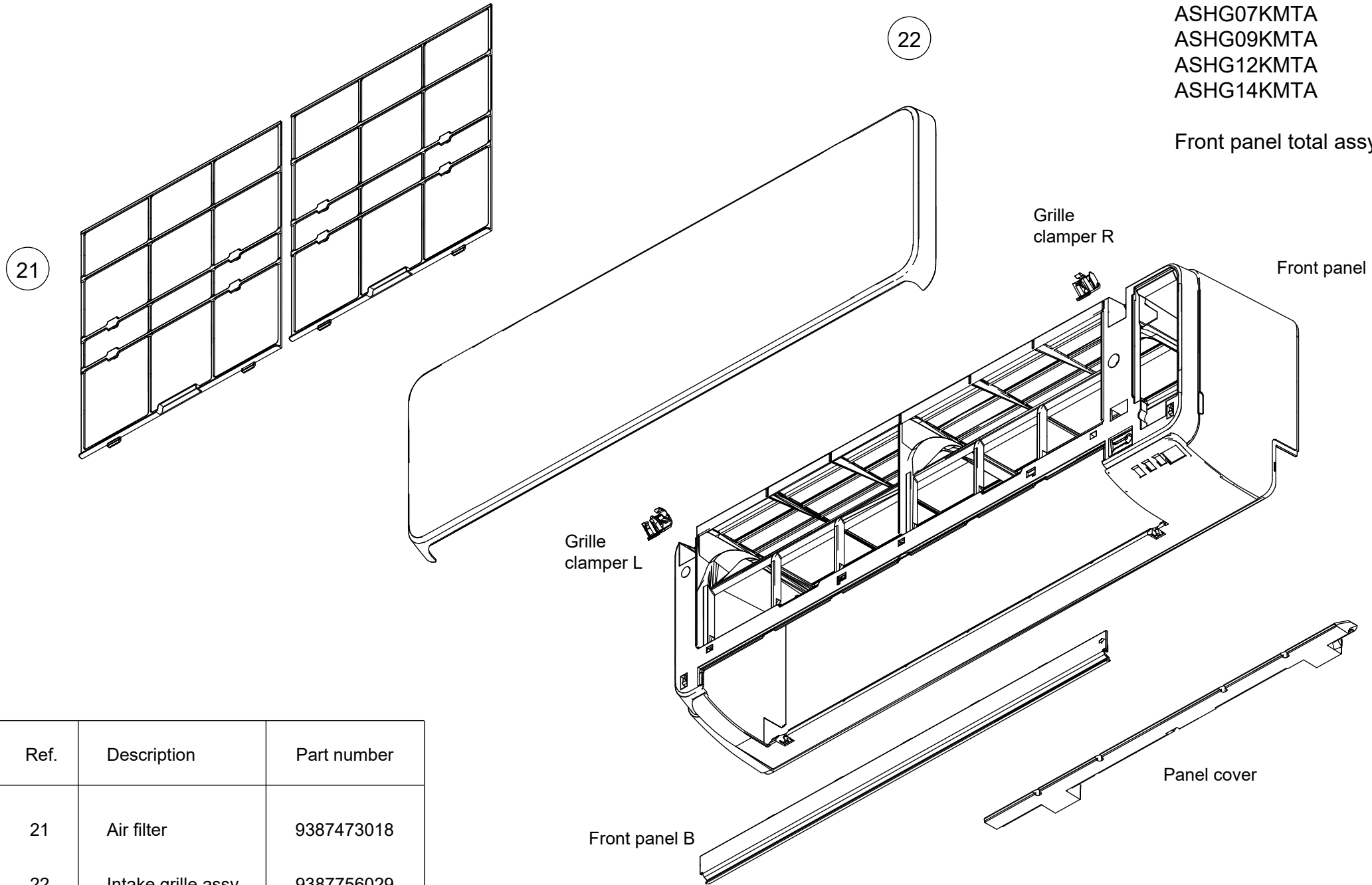


Wire cover assy

| Ref. | Description | Part number |
|------|----------------------------------|-------------|
| 11 | Screw cap | 9387476002 |
| 12 | Under cover L | 9387477009 |
| 13 | Under cover R | 9387478006 |
| 14 | Front panel total assy (GENERAL) | 9387596045 |

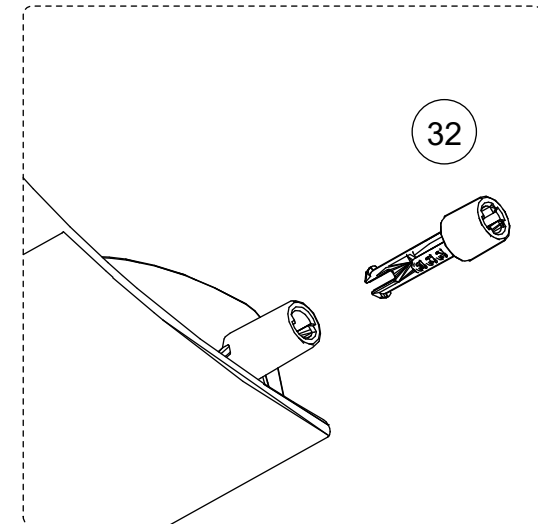
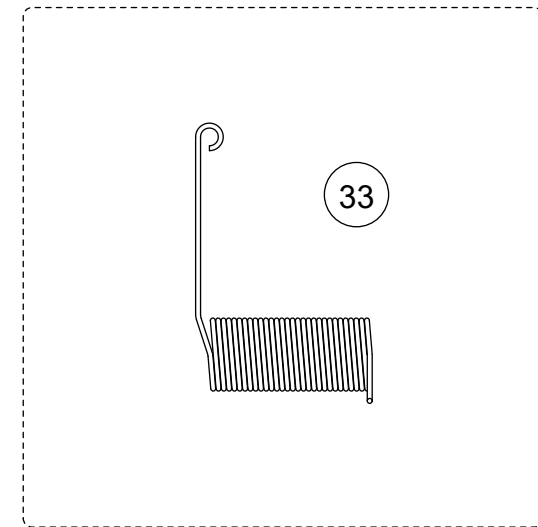
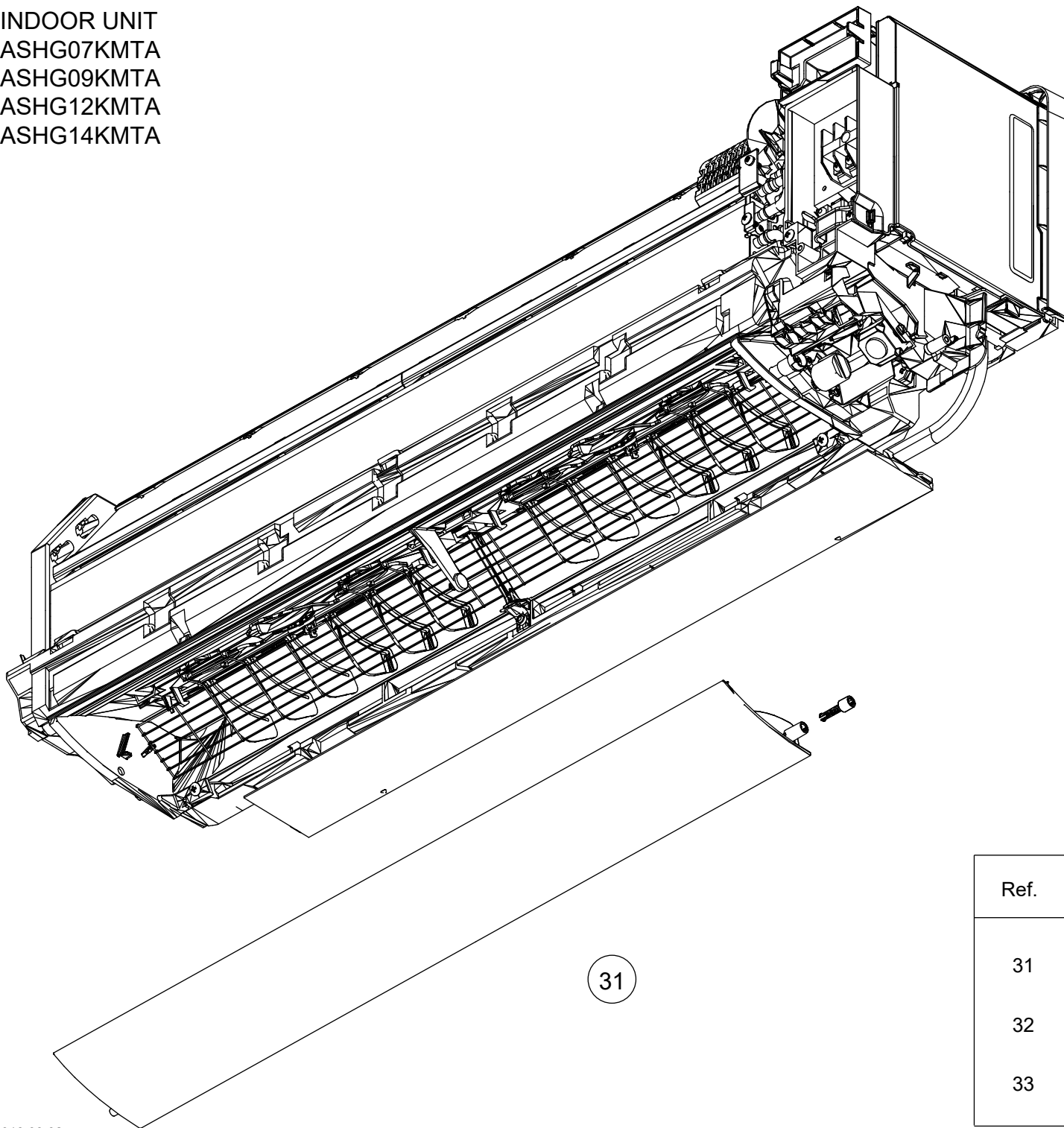
INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

Front panel total assy



| Ref. | Description | Part number |
|------|---------------------------------|-------------|
| 21 | Air filter | 9387473018 |
| 22 | Intake grille assy (GENERAL) | 9387756029 |

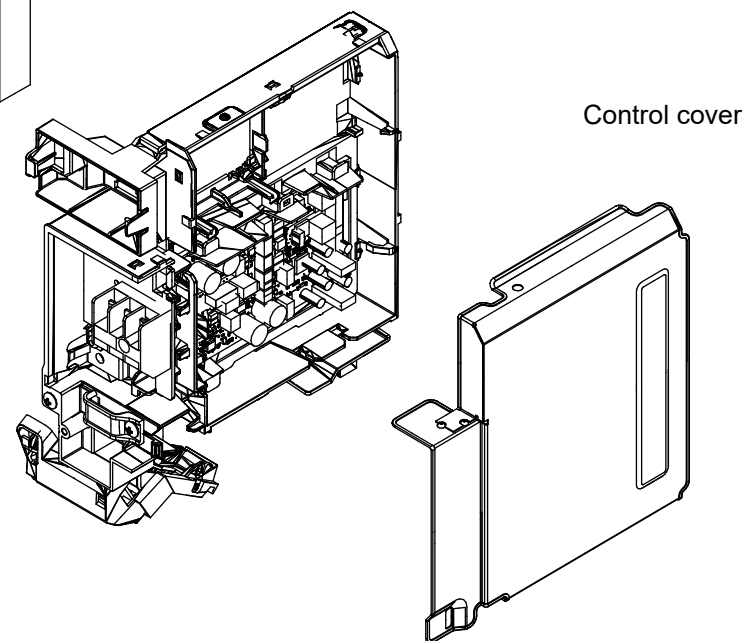
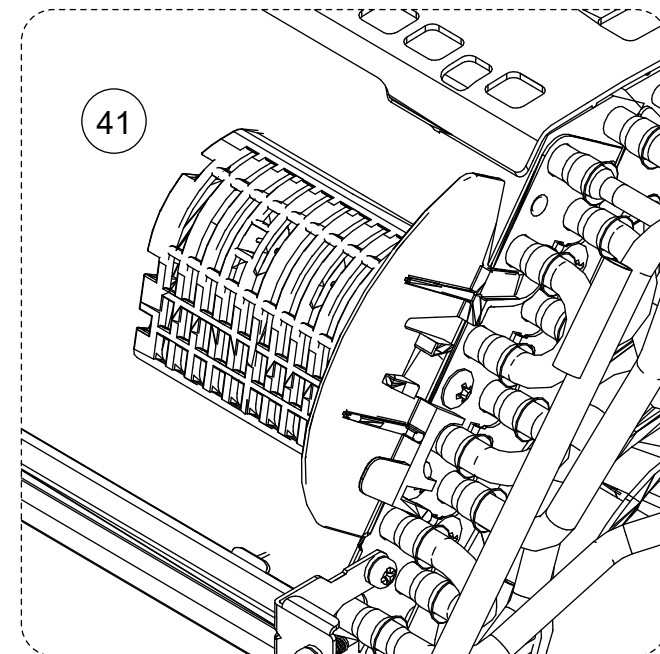
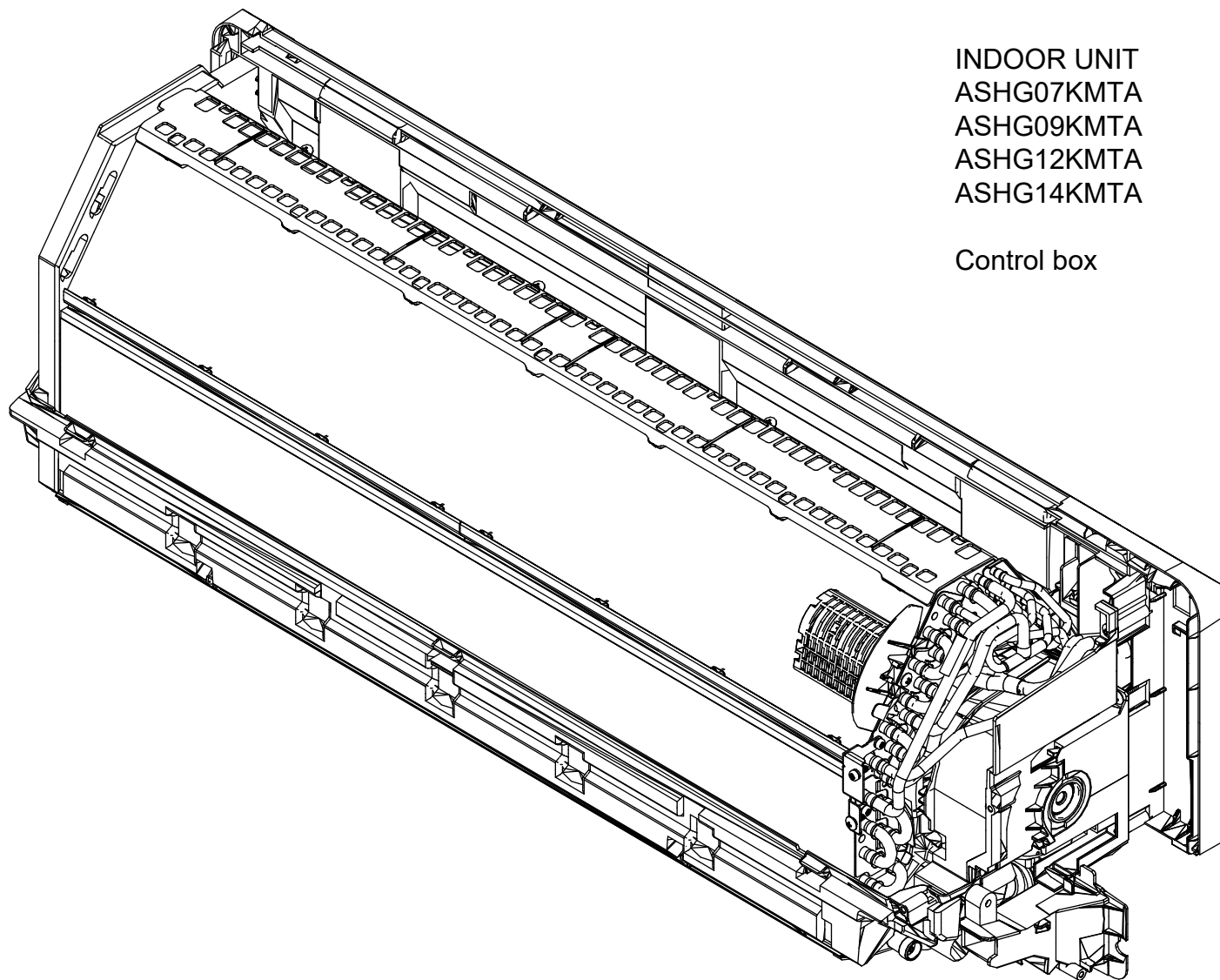
INDOOR UNIT
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 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA



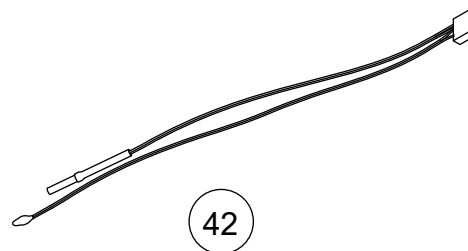
| Ref. | Description | Part number |
|------|-----------------|-------------|
| 31 | U/D louver assy | 9387479003 |
| 32 | Shaft cover | 9332861006 |
| 33 | Louver spring | 9387471007 |

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

Control box



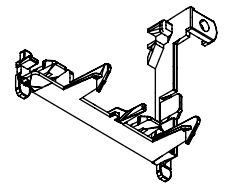
| Ref. | Description | Part number |
|------|------------------------|-------------|
| 41 | Room thermistor holder | 9387467000 |
| 42 | Thermistor assy | 9900627027 |



INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

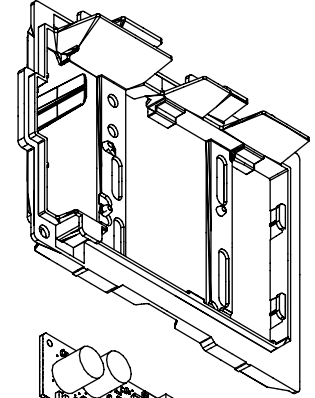
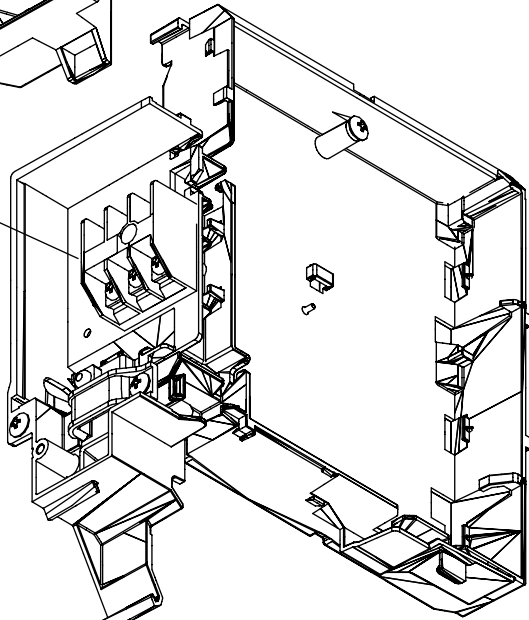
Control box

Wi-Fi holder

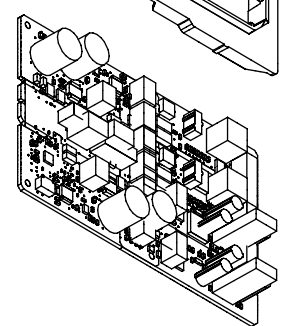


PWB holder A

52



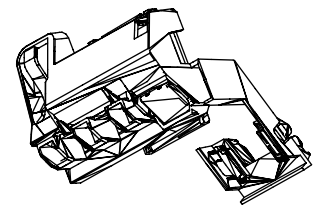
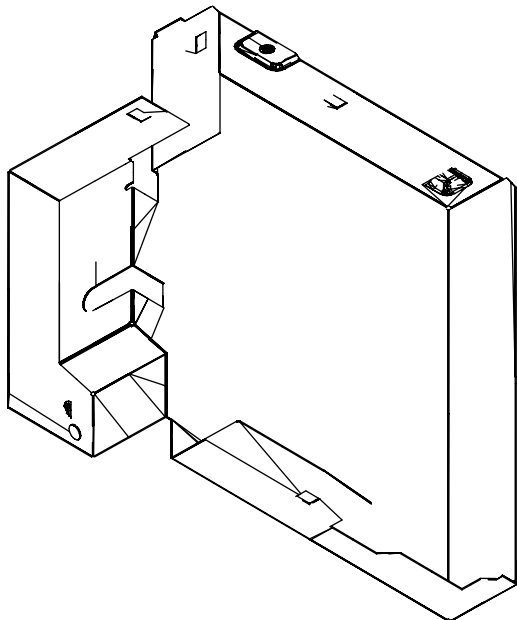
PWB holder B



Control box

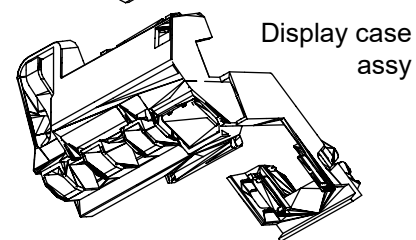
51

Box shield



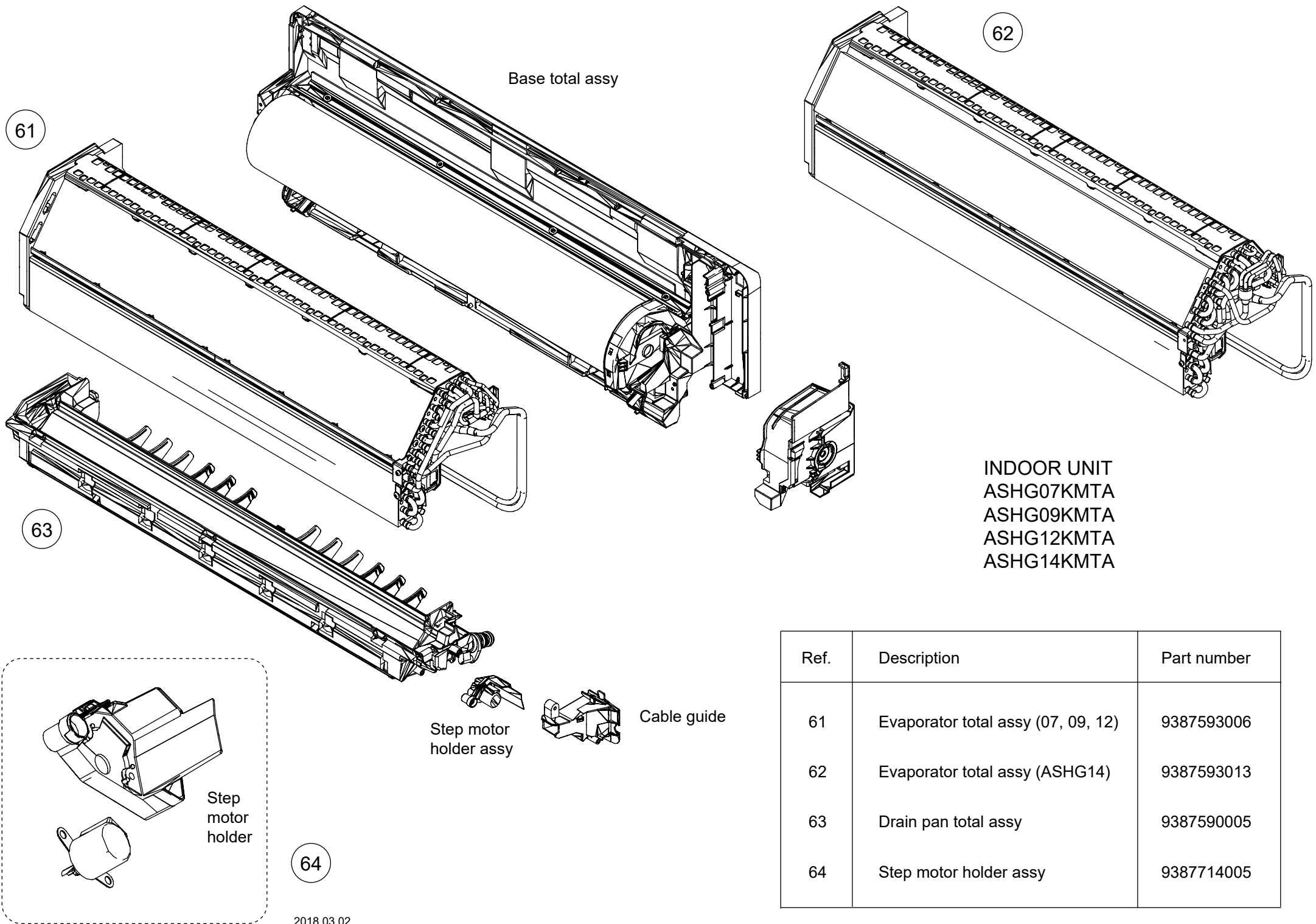
53

54



Display case
 assy

| Ref. | Description | Part number |
|------|-------------------|-------------|
| 51 | Main PCB (ASHG07) | 9710368141 |
| 51 | Main PCB (ASHG09) | 9710368158 |
| 51 | Main PCB (ASHG12) | 9710368165 |
| 51 | Main PCB (ASHG14) | 9710368172 |
| 52 | Terminal | 9900369057 |
| 53 | Display assy | 9710858024 |
| 54 | Indicator PCB | 9710786020 |



Base total assy

62

61

63

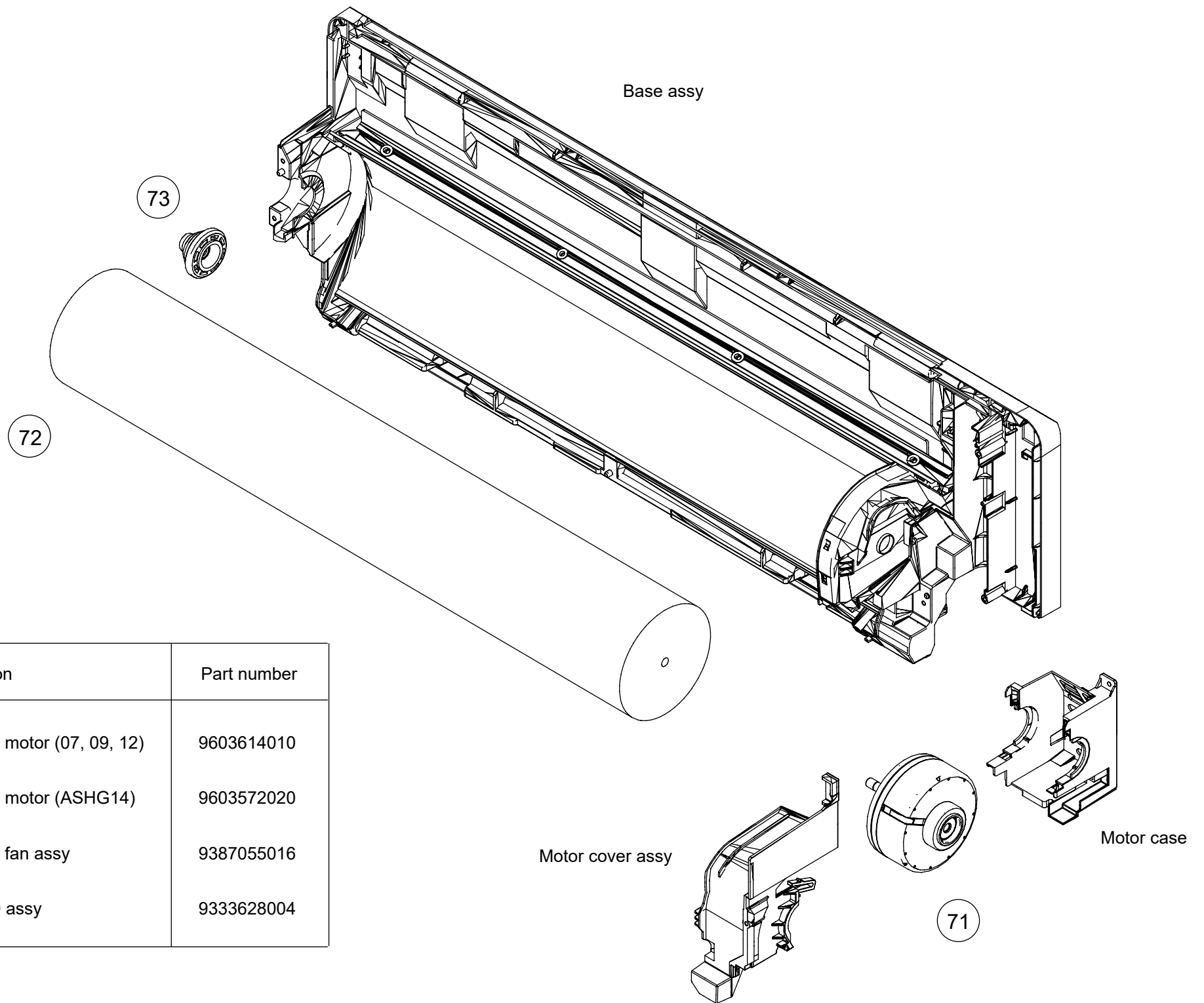
64

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

| Ref. | Description | Part number |
|------|------------------------------------|-------------|
| 61 | Evaporator total assy (07, 09, 12) | 9387593006 |
| 62 | Evaporator total assy (ASHG14) | 9387593013 |
| 63 | Drain pan total assy | 9387590005 |
| 64 | Step motor holder assy | 9387714005 |

INDOOR UNIT
 ASHG07KMTA
 ASHG09KMTA
 ASHG12KMTA
 ASHG14KMTA

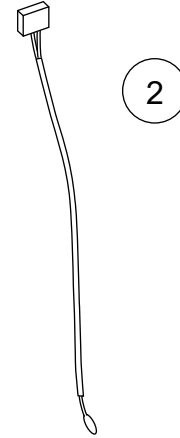
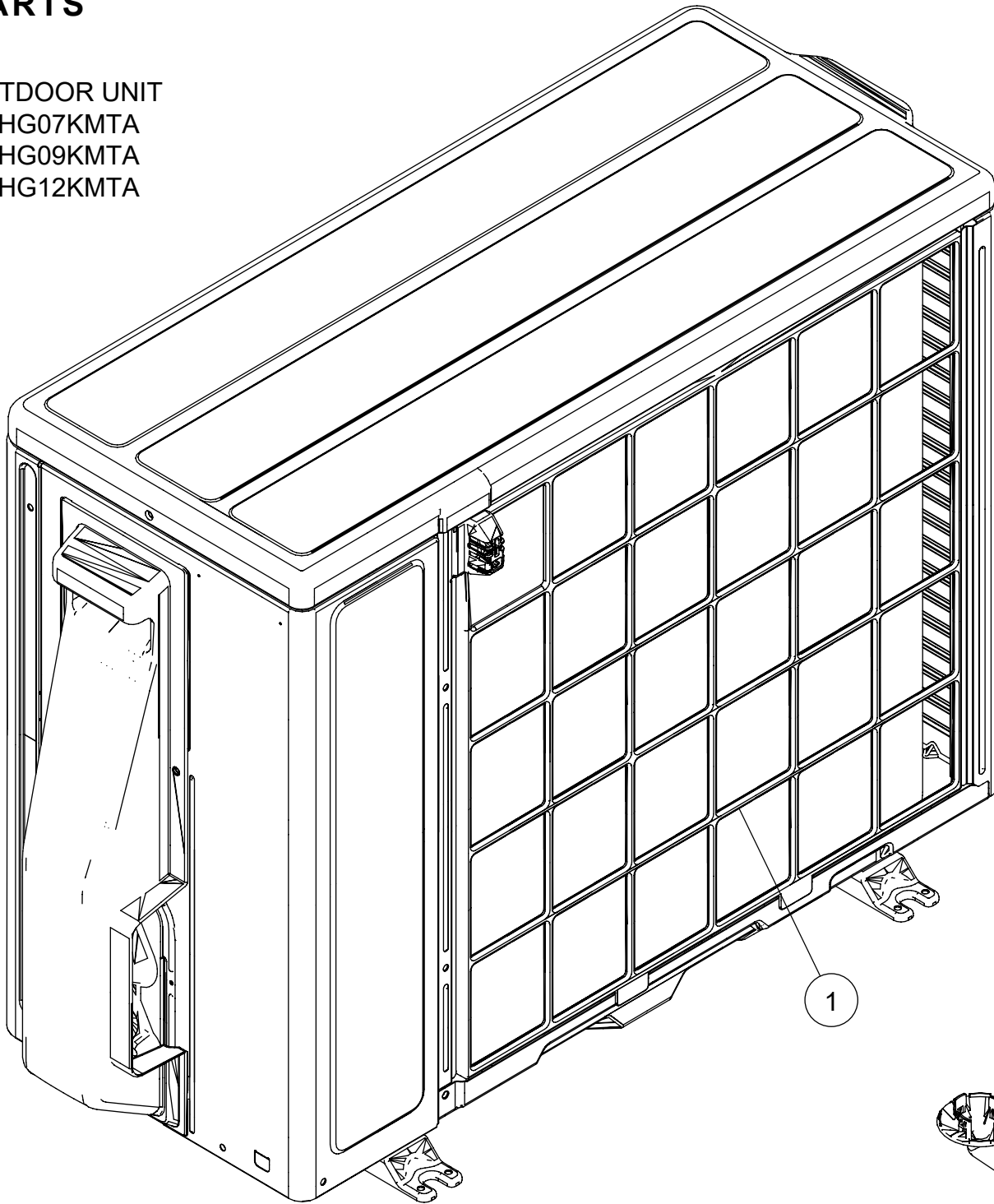
Base total assy
 Motor cover assy
 Fan motor



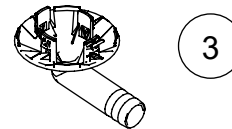
| Ref. | Description | Part number |
|------|------------------------------|-------------|
| 71 | Brushless motor (07, 09, 12) | 9603614010 |
| 71 | Brushless motor (ASHG14) | 9603572020 |
| 72 | Crossflow fan assy | 9387055016 |
| 73 | Bearing D assy | 9333628004 |

PARTS

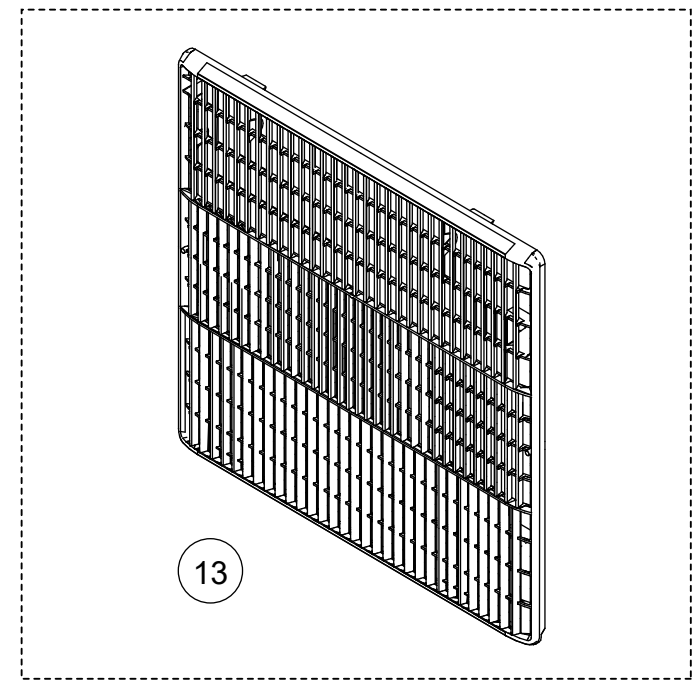
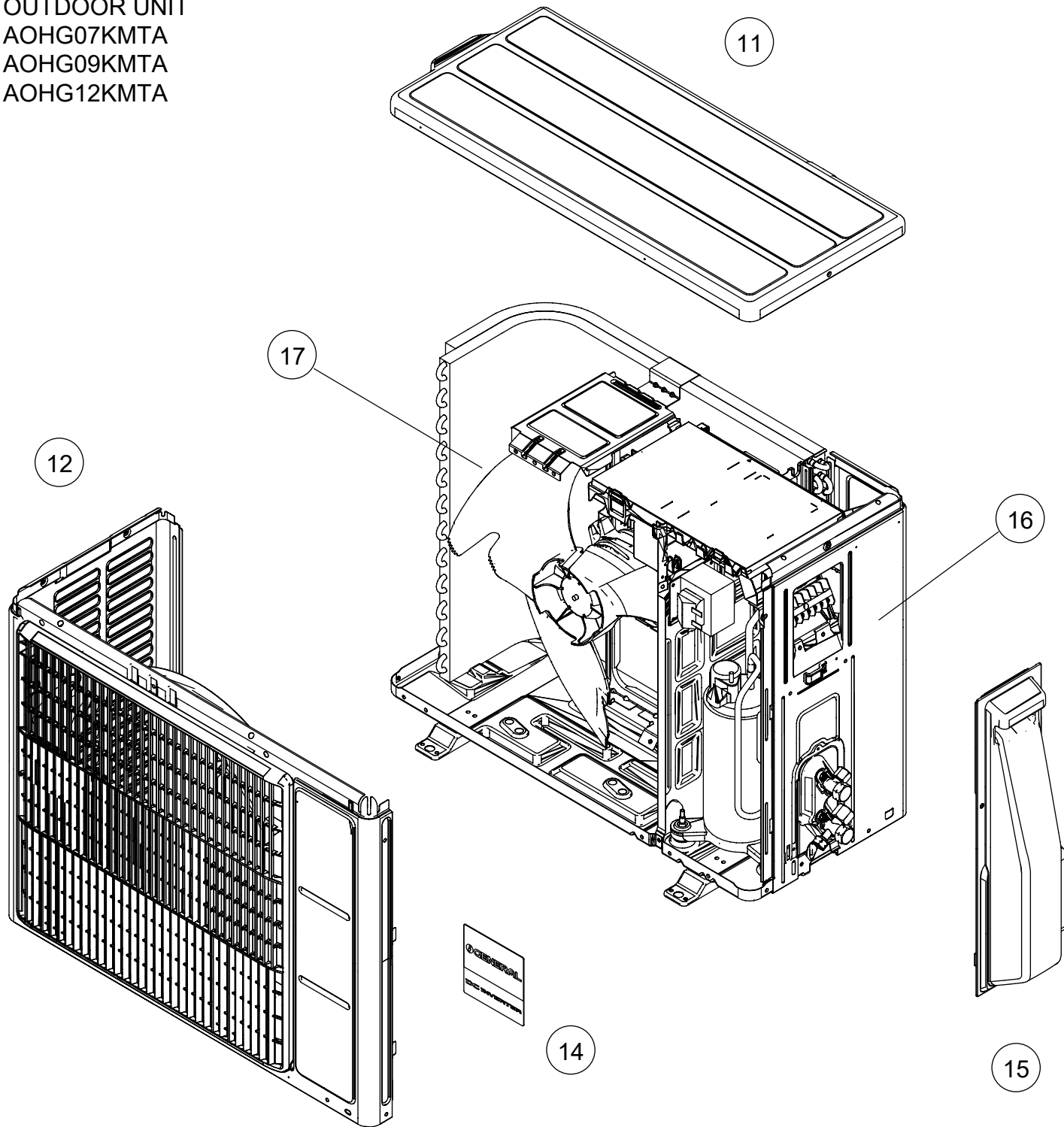
OUTDOOR UNIT
AOHG07KMTA
AOHG09KMTA
AOHG12KMTA



| Ref. | Description | Part number |
|------|---------------------|-------------|
| 1 | Protective net assy | 9322811004 |
| 2 | Outdoor thermistor | 9900565053 |
| 3 | Drain pipe | 9322144003 |

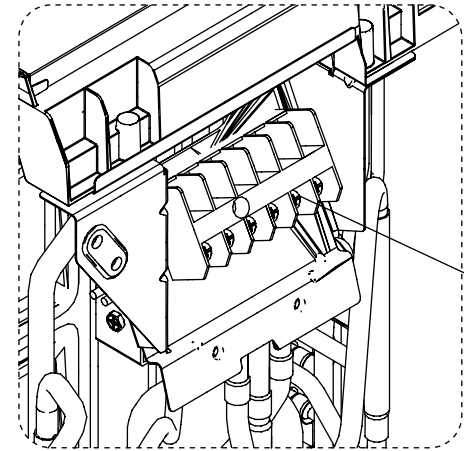
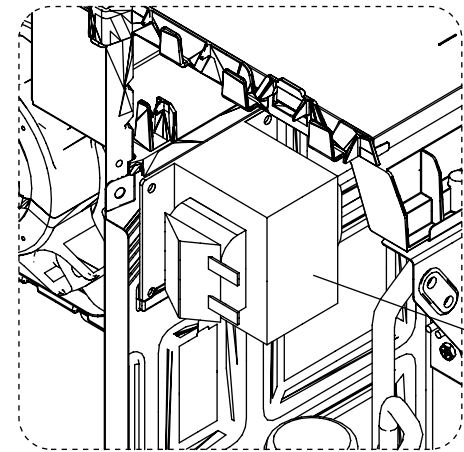
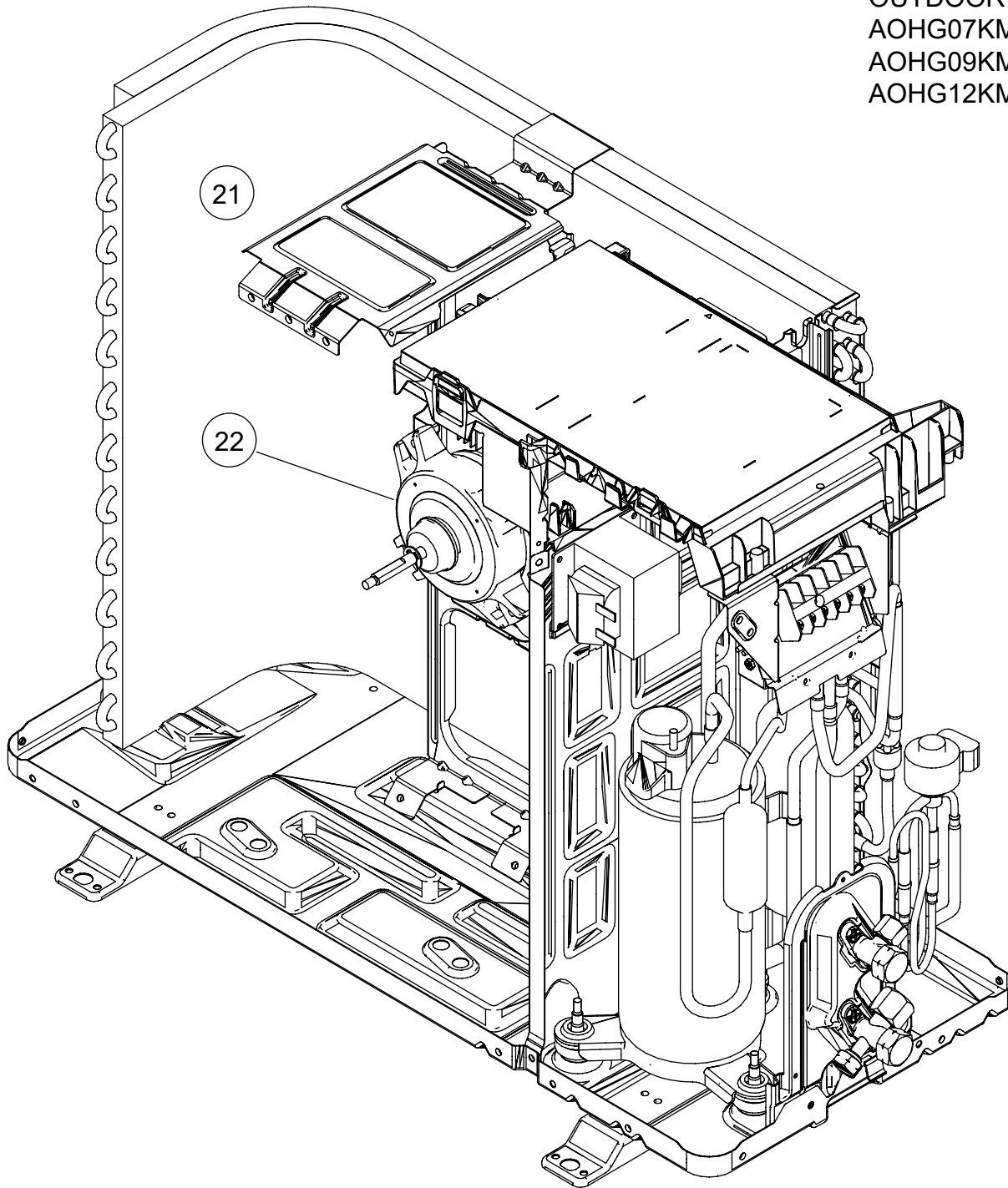


OUTDOOR UNIT
 AOHG07KMTA
 AOHG09KMTA
 AOHG12KMTA



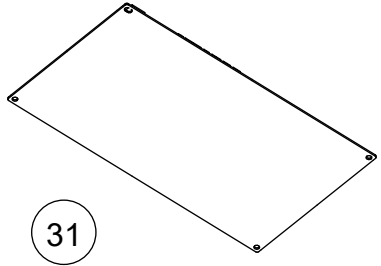
| Ref. | Description | Part number |
|------|--------------------|-------------|
| 11 | Top panel assy | 9322556080 |
| 12 | Front panel assy | 9322555083 |
| 13 | Blow grille | 9322135001 |
| 14 | Emblem | 9383190001 |
| 15 | Switch cover assy | 9322570000 |
| 16 | Cabinet right assy | 9322552112 |
| 17 | Propeller Fan | 9322136008 |

OUTDOOR UNIT
 AOHG07KMTA
 AOHG09KMTA
 AOHG12KMTA

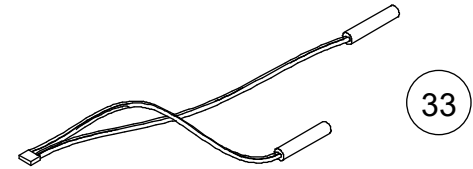
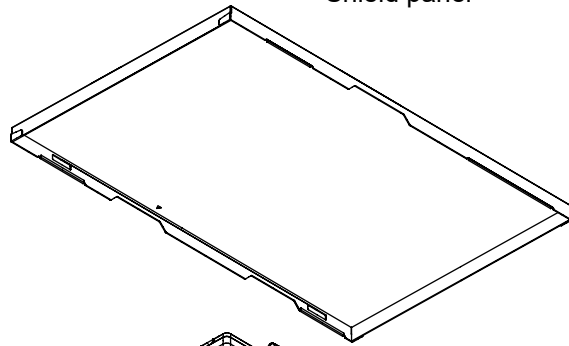


| Ref. | Description | Part number |
|------|-----------------------------|--------------------------|
| 21 | Motor bracket assy (07, 09) | 9322553003 |
| 21 | Motor bracket assy (AOHG12) | 9322553010 |
| 22 | Brushless motor | 9603553005 9603657017 |
| 23 | Reactor assy | 9900583019 |
| 24 | Terminal | 9900435028 |

OUTDOOR UNIT
 AOHG07KMTA
 AOHG09KMTA
 AOHG12KMTA

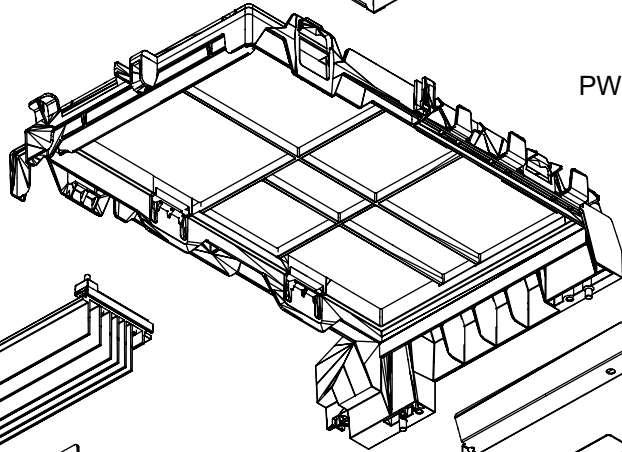


Shield panel

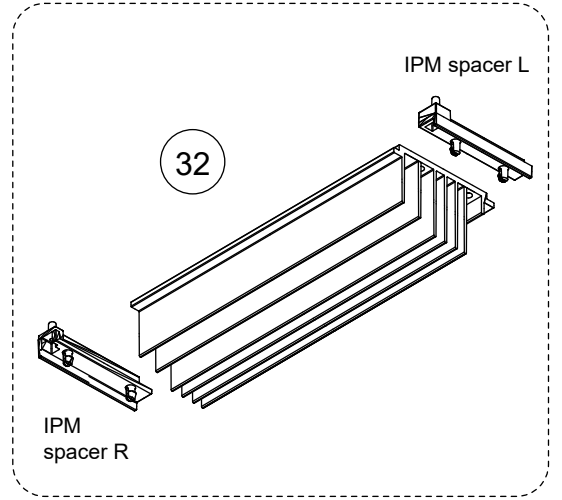


33

31



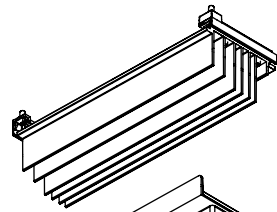
PWB holder



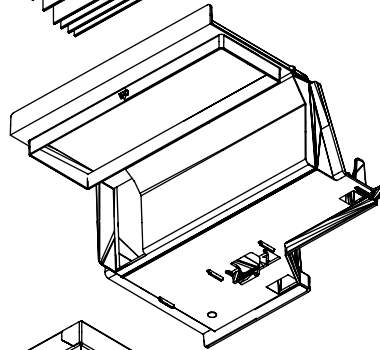
32

IPM spacer L

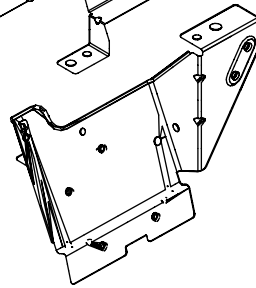
IPM spacer R



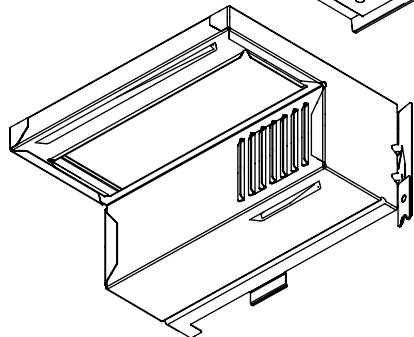
Auxiliary plate



Heatsink cover



Terminal bracket assy

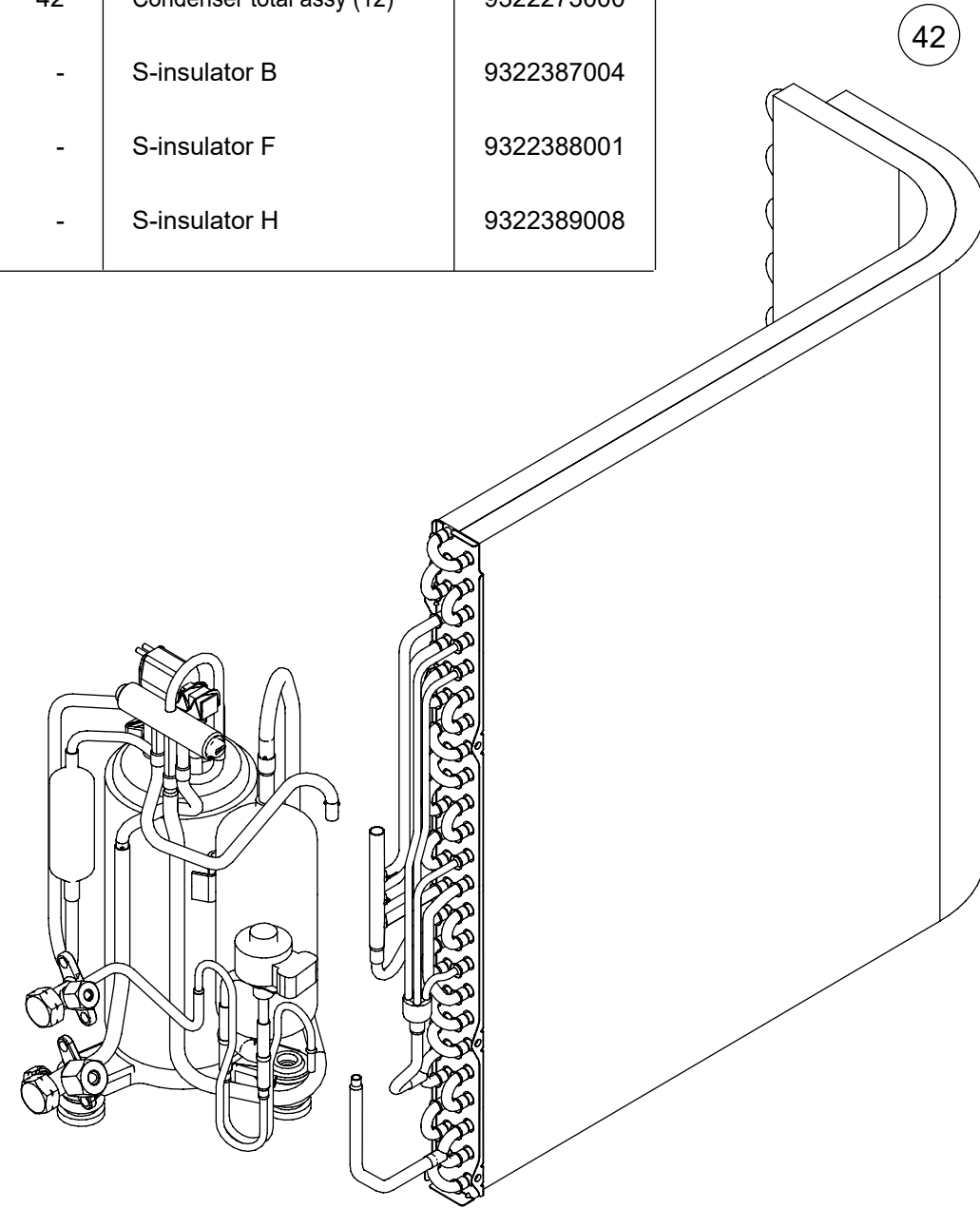
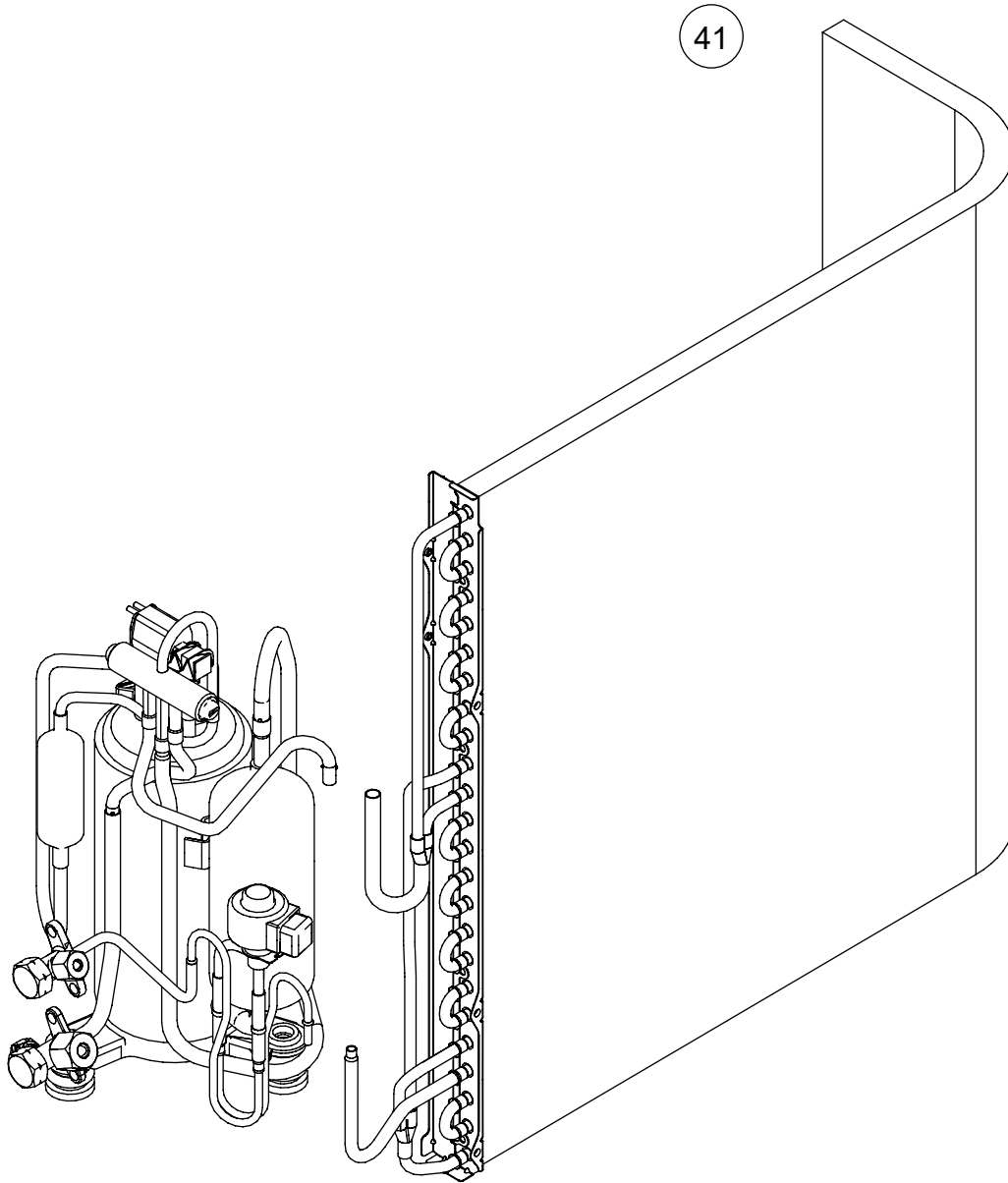


Inverter case assy

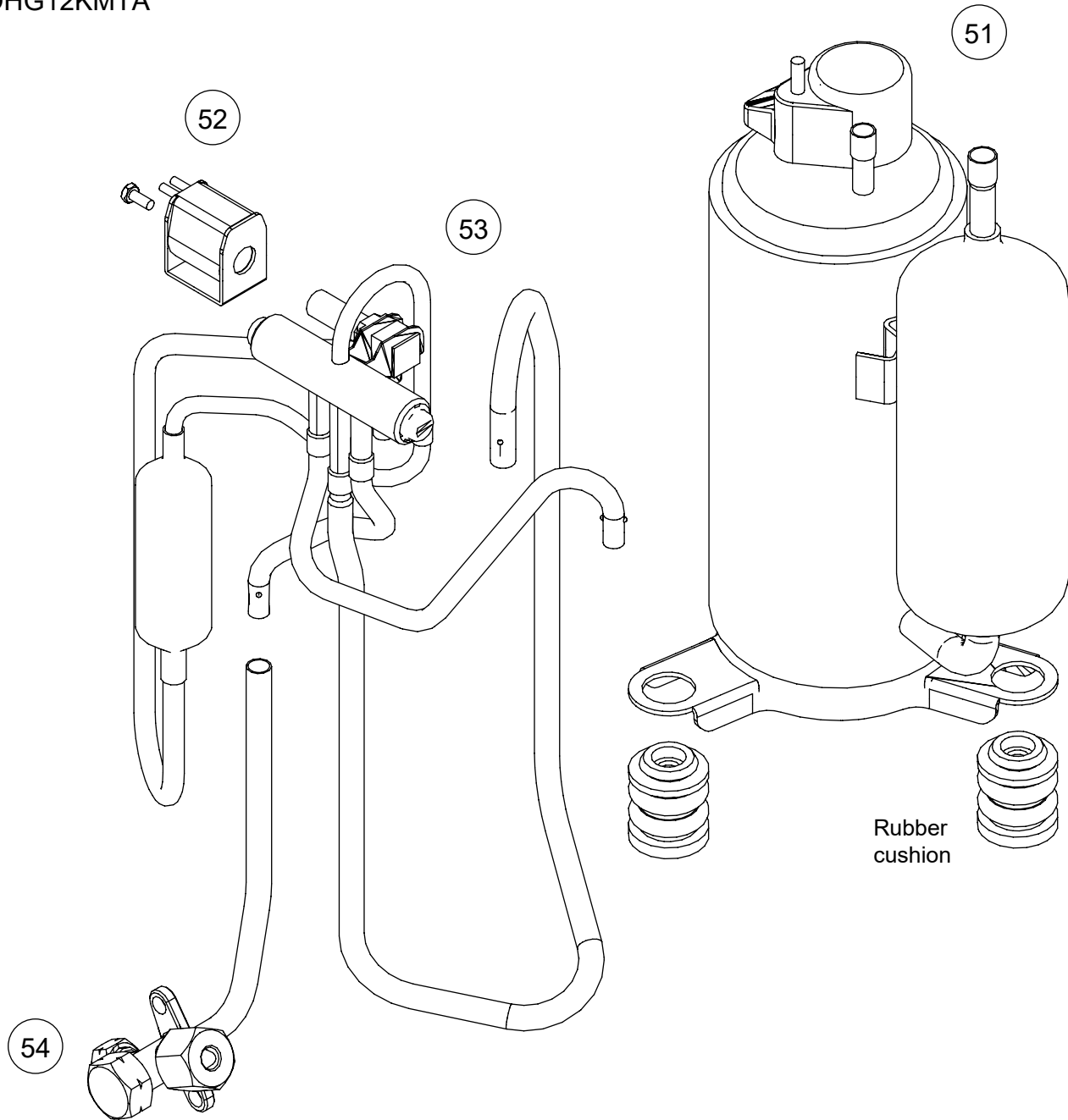
| Ref. | Description | Part number |
|------|-----------------------------|-------------|
| 31 | Service unit, Main PCB (07) | 9709682326 |
| 31 | Service unit, Main PCB (09) | 9709682333 |
| 31 | Service unit, Main PCB (12) | 9709682340 |
| 32 | Heatsink | 9322418005 |
| 33 | Thermistor assy | 9900727062 |

OUTDOOR UNIT
 AOHG07KMTA
 AOHG09KMTA
 AOHG12KMTA

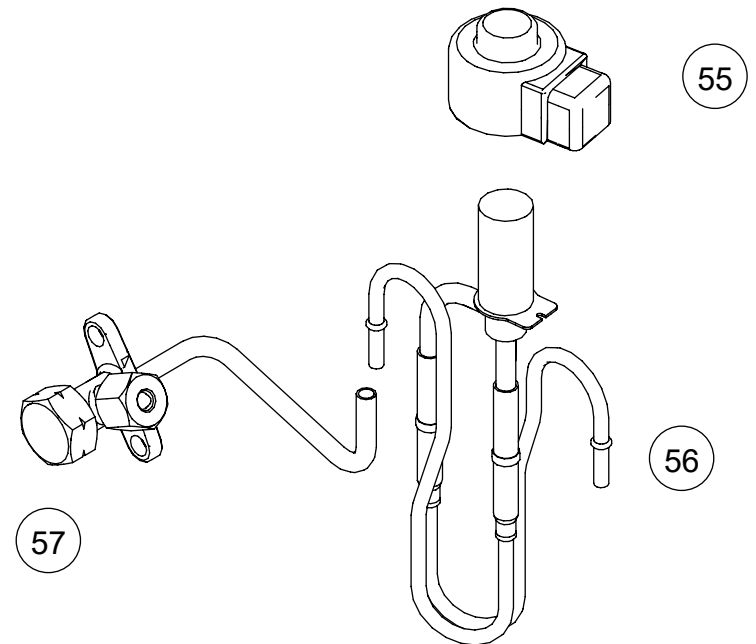
| Ref. | Description | Part number |
|------|-------------------------------|-------------|
| 41 | Condenser total assy (07, 09) | 9322272010 |
| 42 | Condenser total assy (12) | 9322273000 |
| - | S-insulator B | 9322387004 |
| - | S-insulator F | 9322388001 |
| - | S-insulator H | 9322389008 |



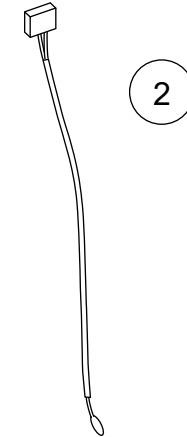
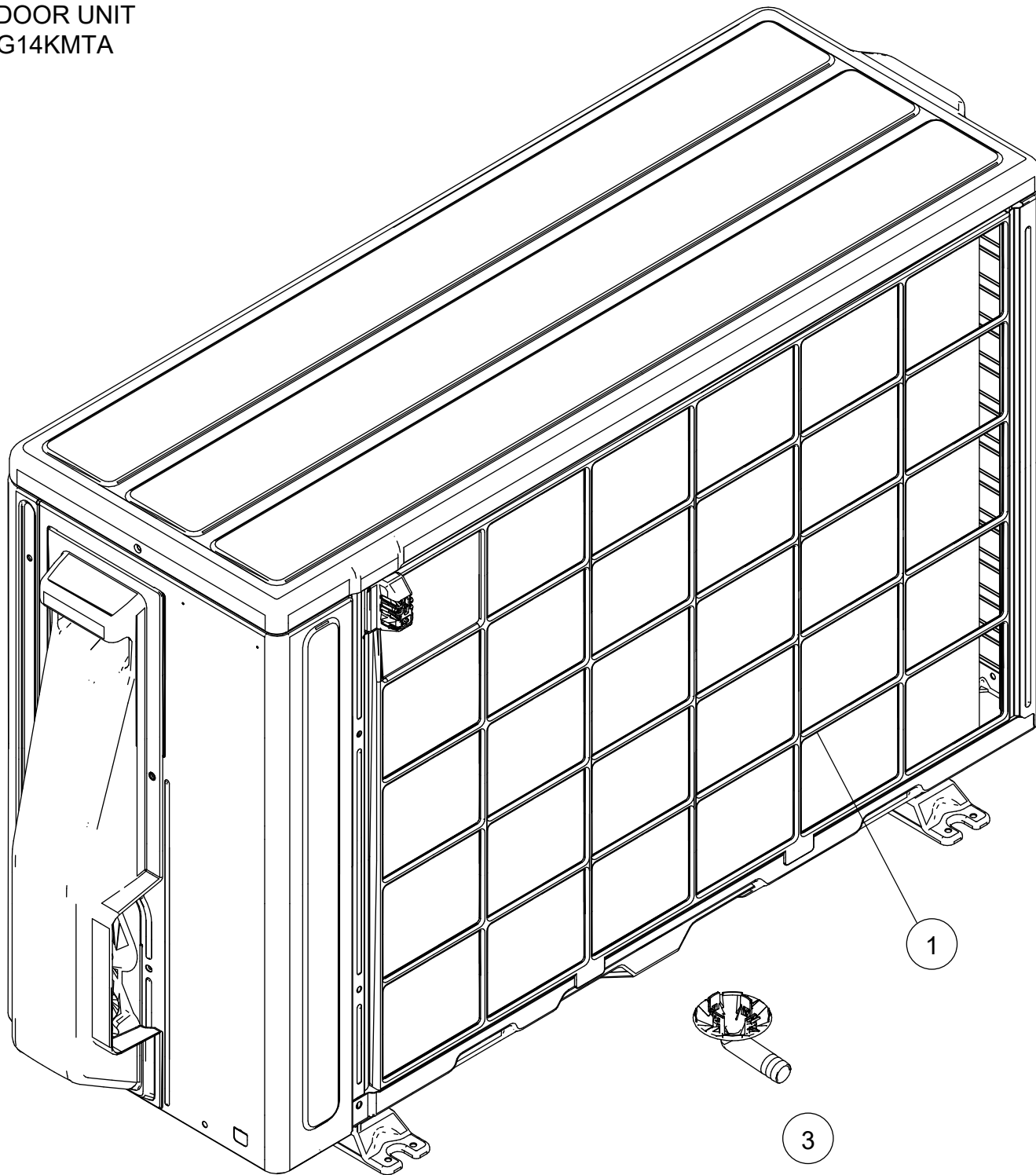
OUTDOOR UNIT
 AOHG07KMTA
 AOHG09KMTA
 AOHG12KMTA



| Ref. | Description | Part number |
|------|--------------------------|-------------|
| 51 | Compressor assy (07, 09) | 9322423009 |
| 51 | Compressor assy (12) | 9322425003 |
| 52 | Solenoid | 9970110153 |
| 53 | 4-way valve assy | 9322392008 |
| 54 | 3-way valve assy | 9318254051 |
| 55 | Expansion valve coil | 9970095153 |
| 56 | Pulse motor valve assy | 9322403018 |
| 57 | 2-way valve assy | 9322474025 |

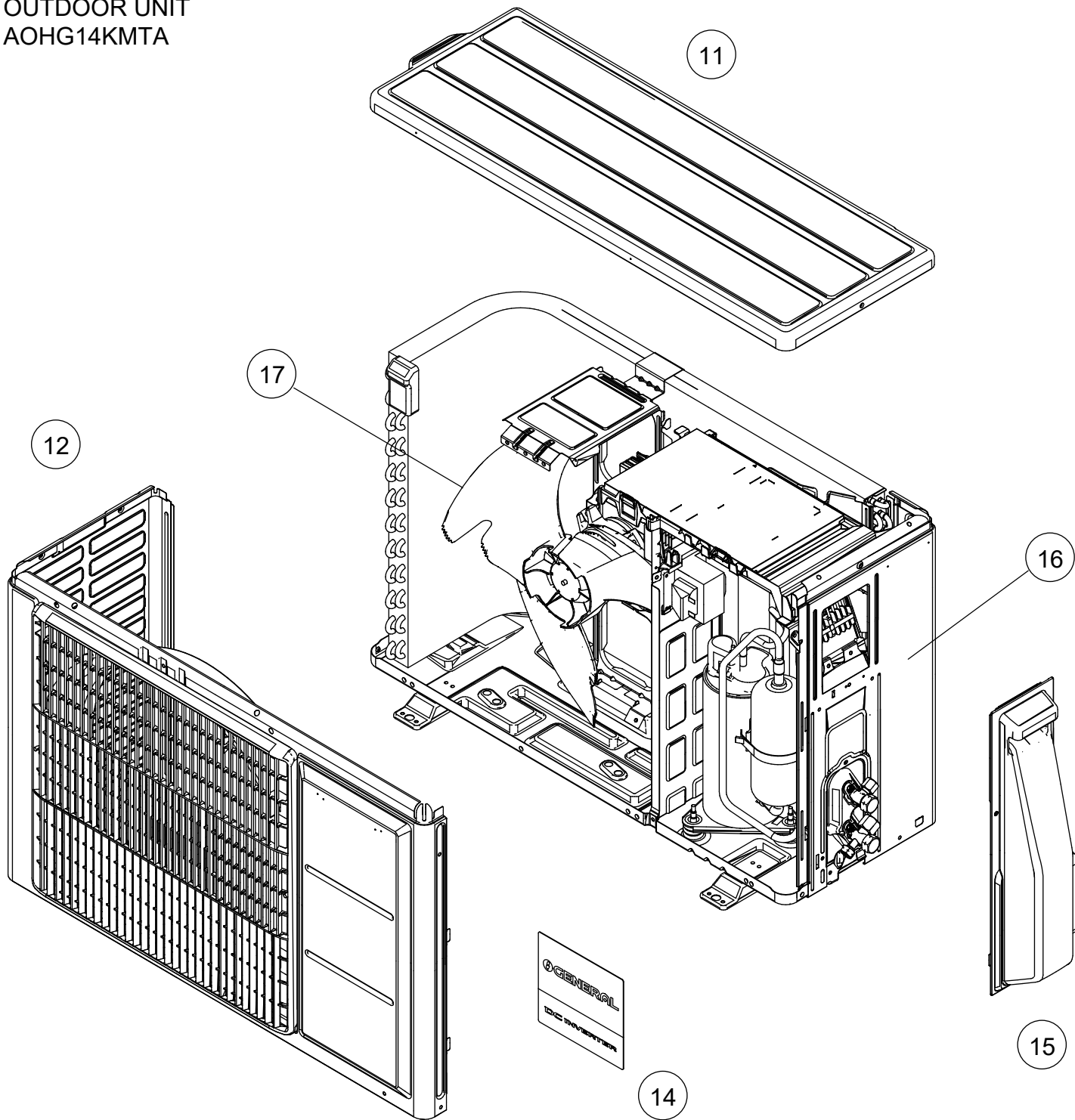


OUTDOOR UNIT
AOHG14KMTA

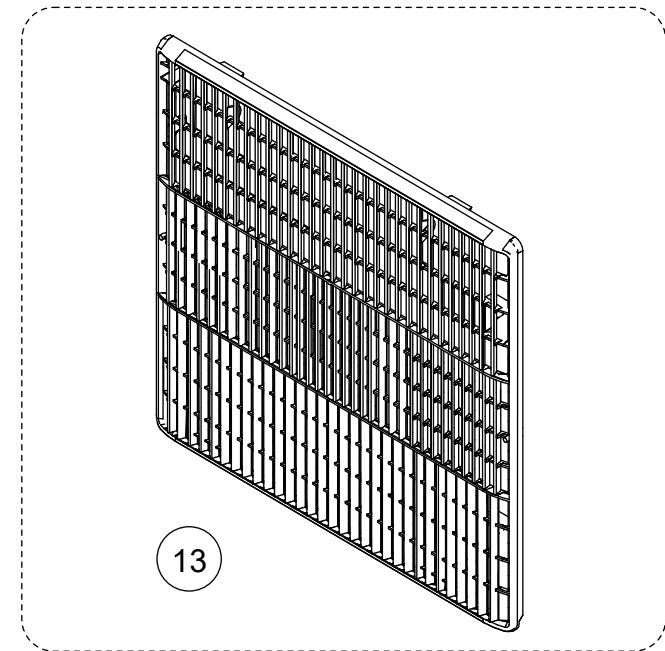


| Ref. | Description | Part number |
|------|---------------------|-------------|
| 1 | Protective net assy | 9322811011 |
| 2 | Outdoor thermistor | 9900565060 |
| 3 | Drain pipe | 9322144003 |

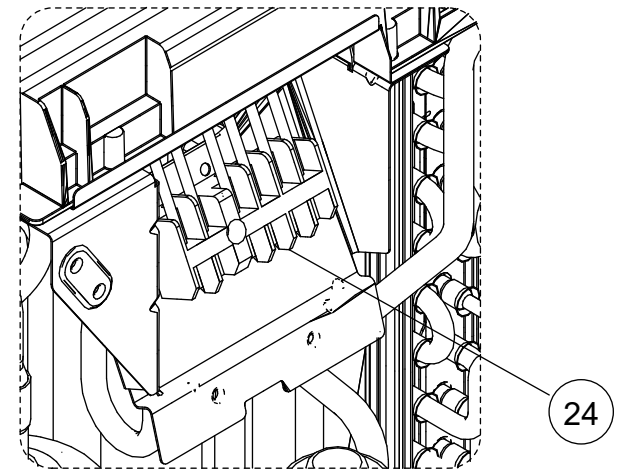
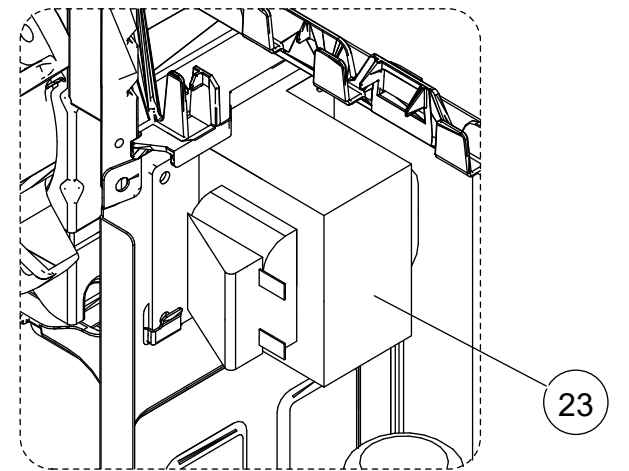
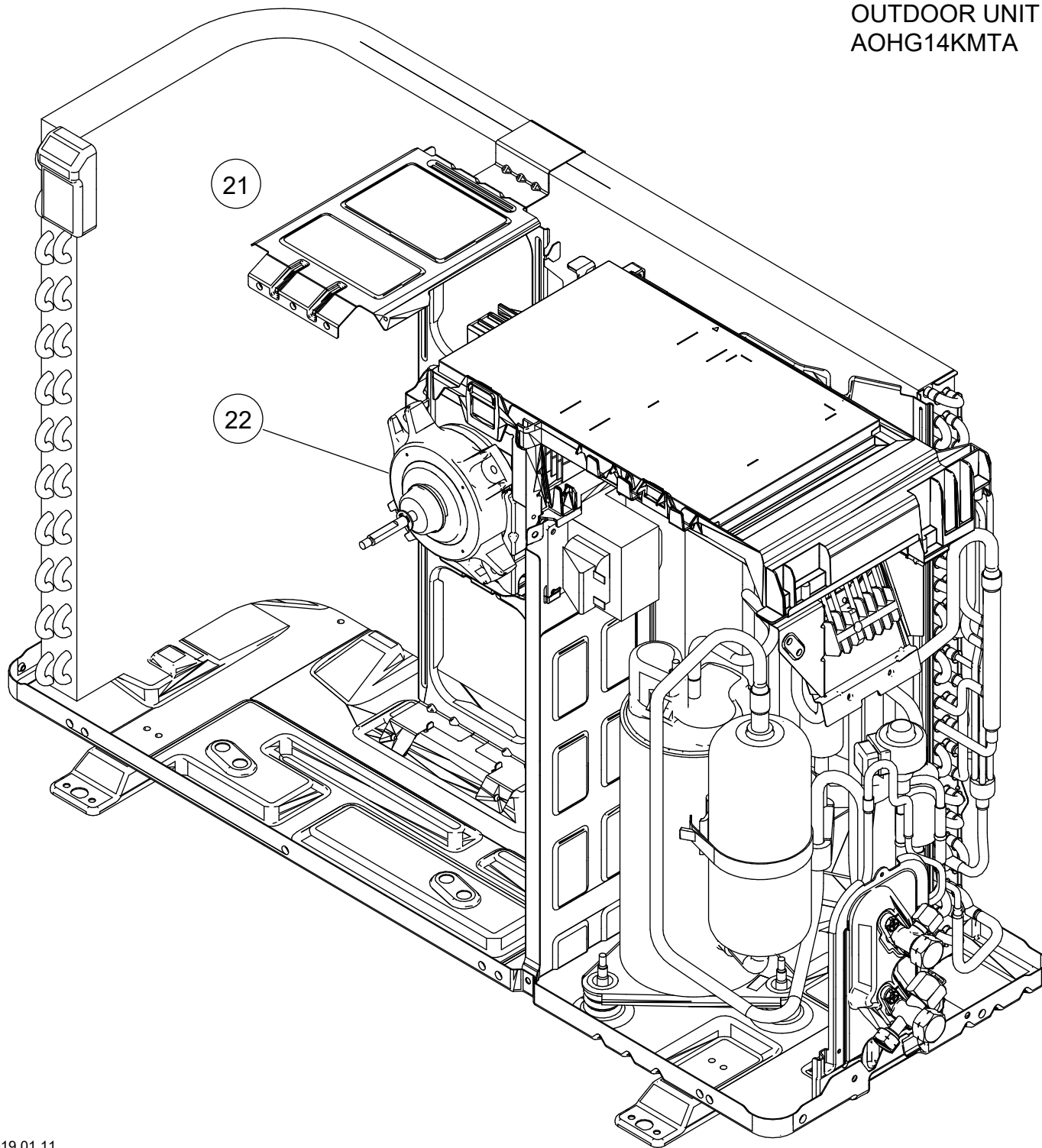
OUTDOOR UNIT
AOHG14KMTA



| Ref. | Description | Part number |
|------|--------------------|-------------|
| 11 | Top panel assy | 9322556028 |
| 12 | Front panel assy | 9322555014 |
| 13 | Blow grille | 9322135001 |
| 14 | Emblem | 9319157009 |
| 15 | Switch cover assy | 9322570000 |
| 16 | Cabinet right assy | 9322552020 |
| 17 | Propeller fan | 9322136008 |

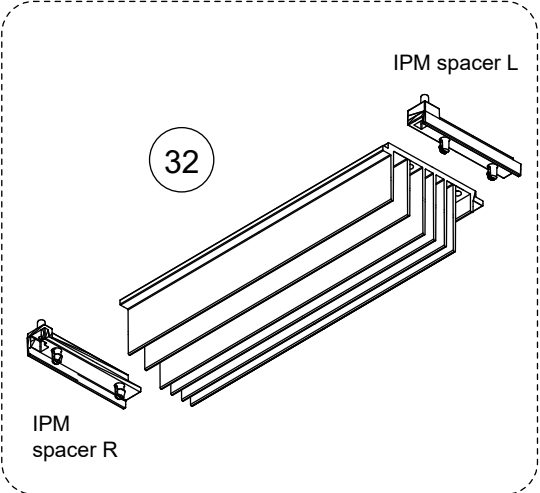
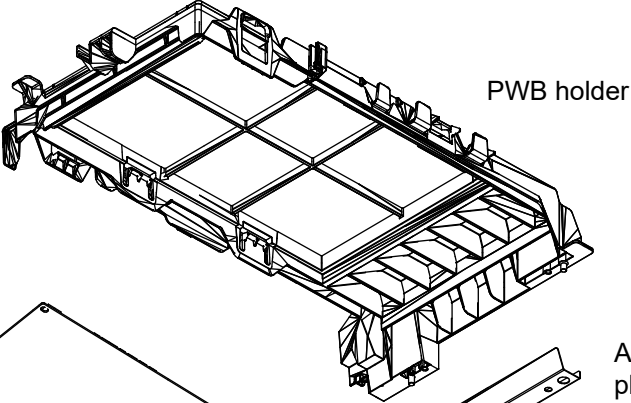
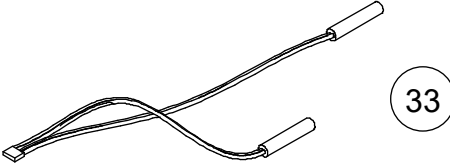
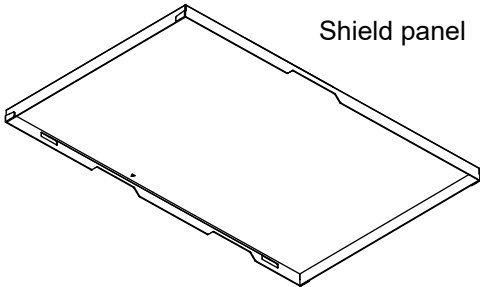


OUTDOOR UNIT
AOHG14KMTA

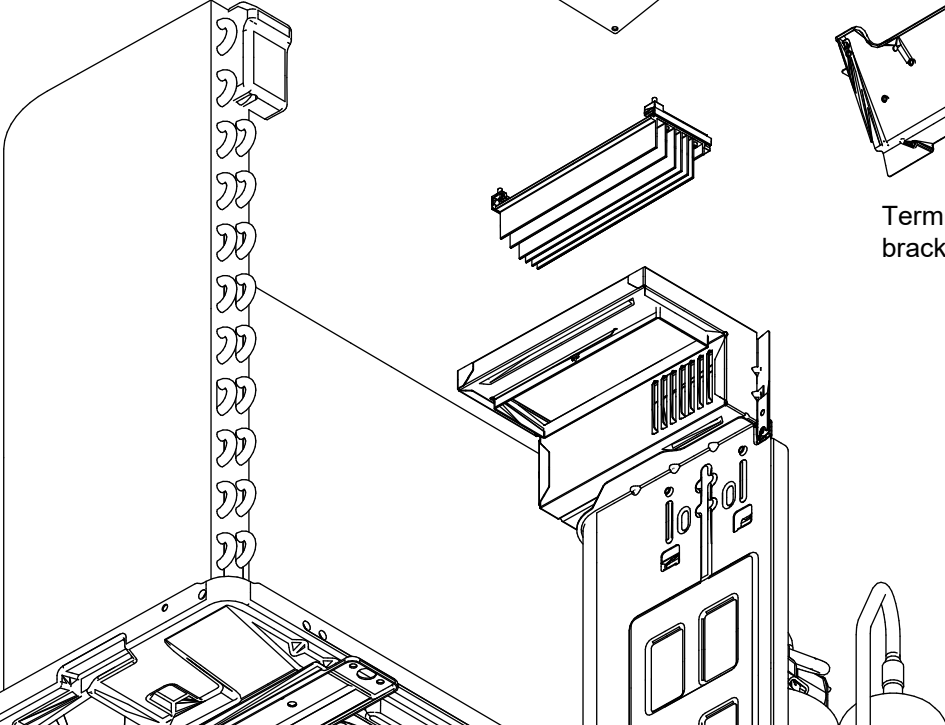
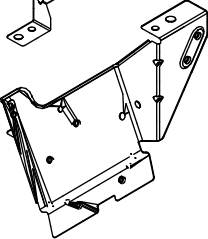
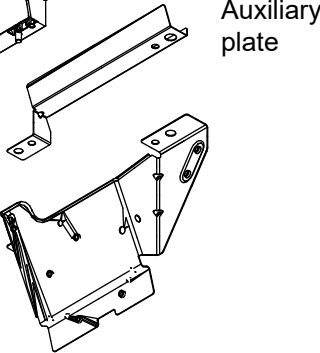
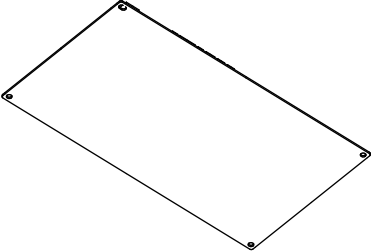


| Ref. | Description | Part number |
|------|--------------------|---------------------------------|
| 21 | Motor bracket assy | 9322553010 |
| 22 | Brushless motor | 9603553005 9603657017 |
| 23 | Reactor assy | 9900583019 |
| 24 | Terminal | 9900435028 |

OUTDOOR UNIT
AOHG14KMTA



31

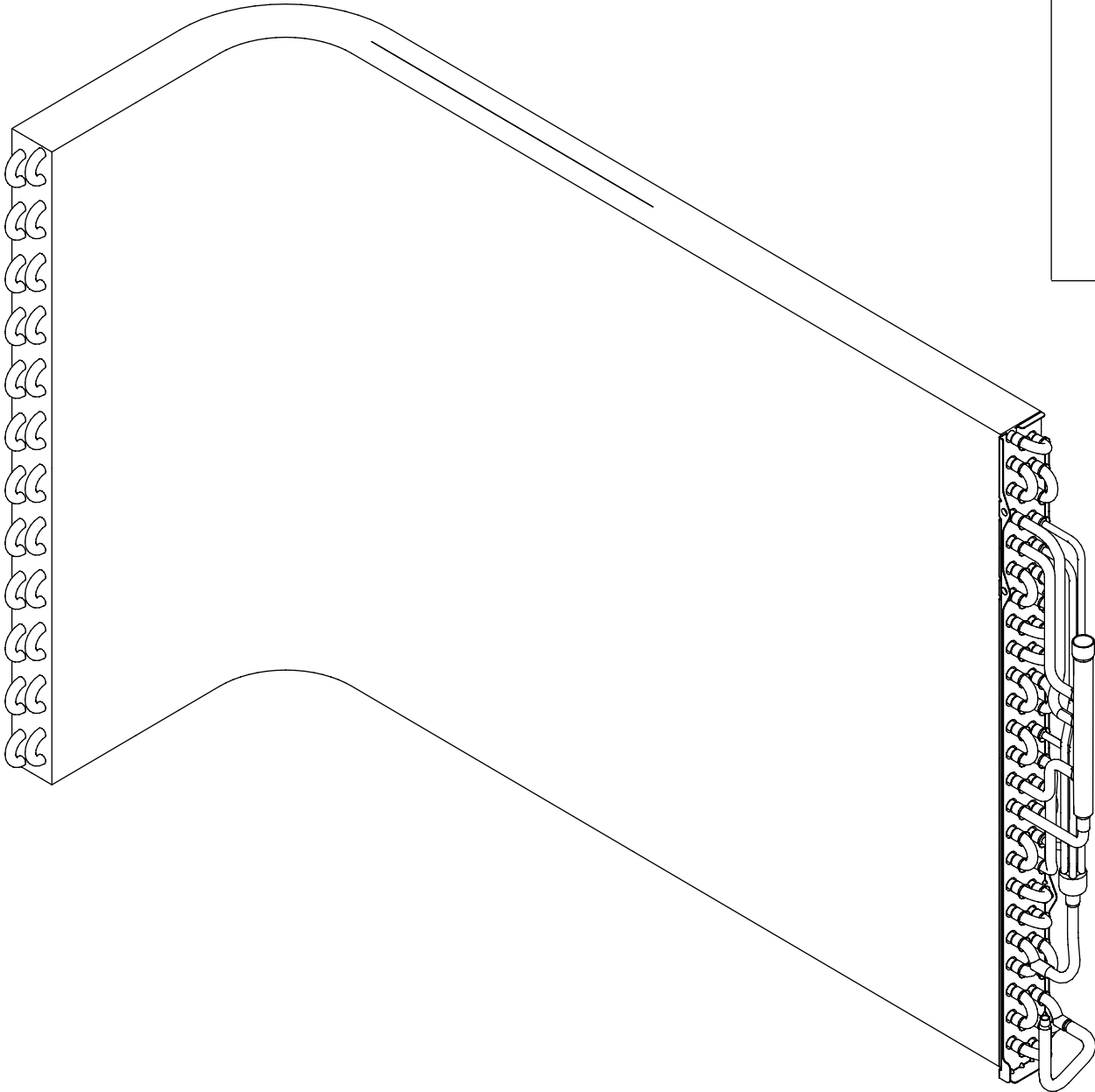
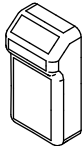


| Ref. | Description | Part number |
|------|------------------------|-------------|
| 31 | Service unit, Main PCB | 9709682357 |
| 32 | Heatsink | 9322418005 |
| 33 | Thermistor assy | 9900727062 |

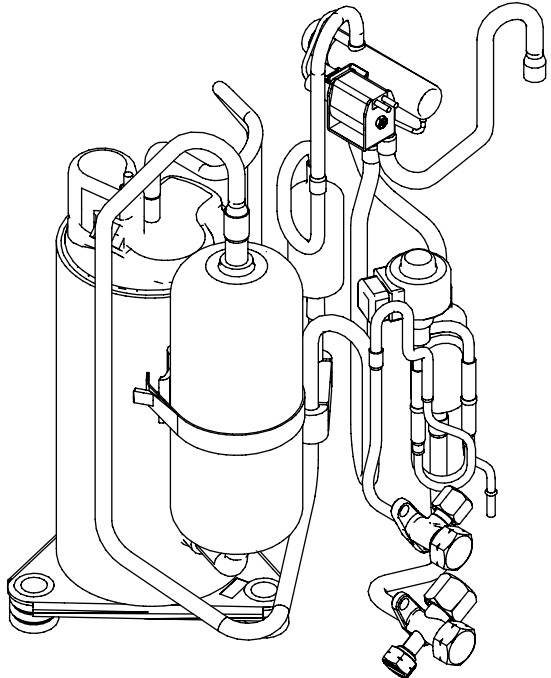
OUTDOOR UNIT
AOHG14KMTA

41

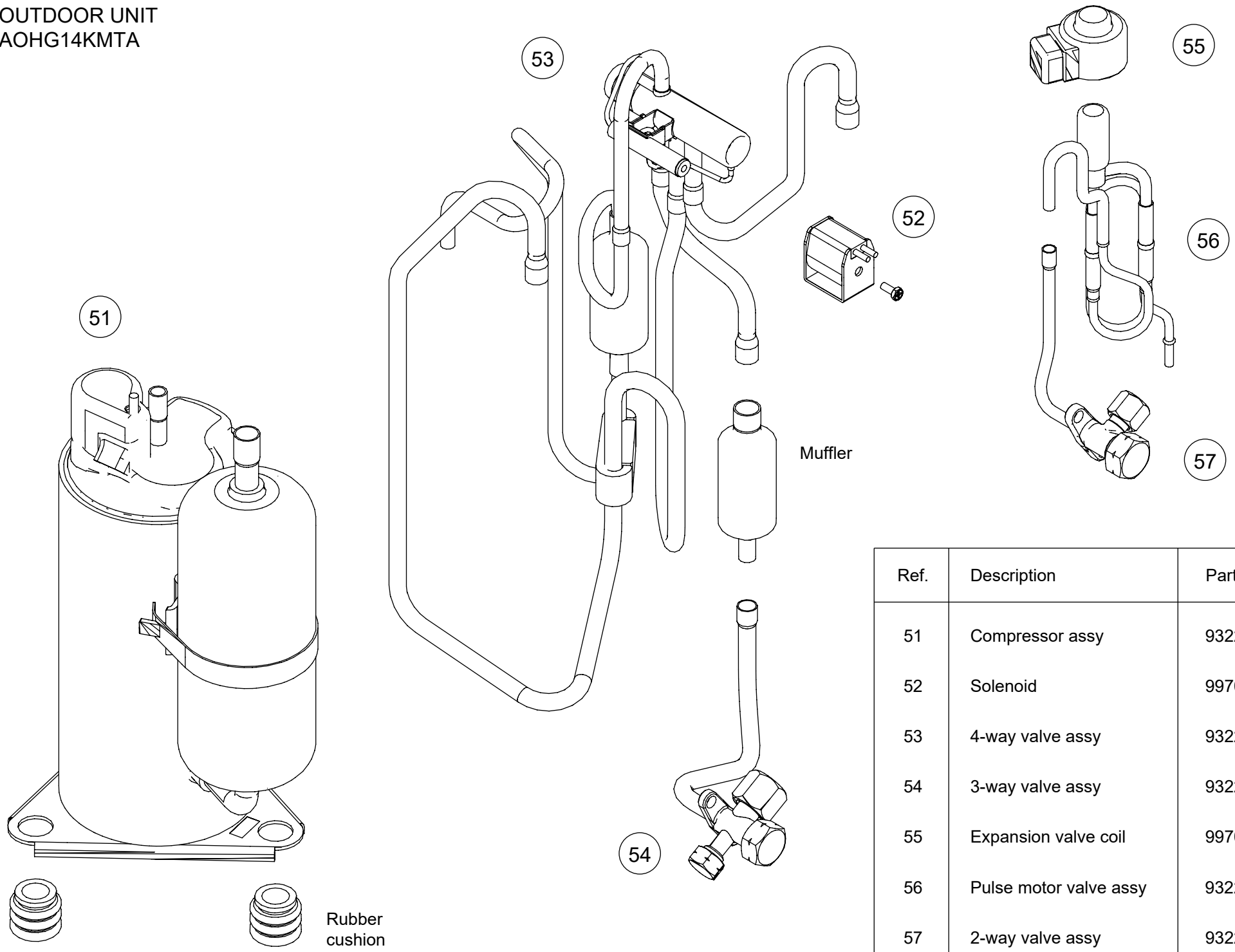
Hair pin
cushion



| Ref. | Description | Part number |
|------|----------------------|-------------|
| 41 | Condenser total assy | 9322275004 |
| - | S-insulator B | 9322535009 |
| - | S-insulator F | 9322536006 |
| - | S-insulator H | 9322537003 |
| - | S-insulator V | 9323045002 |






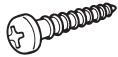



OUTDOOR UNIT
AOHG14KMTA



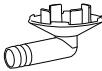
| Ref. | Description | Part number |
|------|------------------------|-------------|
| 51 | Compressor assy | 9322427007 |
| 52 | Solenoid | 9970110160 |
| 53 | 4-way valve assy | 9322444011 |
| 54 | 3-way valve assy | 9322475008 |
| 55 | Expansion valve coil | 9970095122 |
| 56 | Pulse motor valve assy | 9322463005 |
| 57 | 2-way valve assy | 9322474001 |

ACCESSORIES

INDOOR UNIT

| Name and Shape | Q'ty |
|--|------|
| Remote controller  | 1 |
| Remote controller holder  | 1 |
| Cloth tape  | 1 |
| Tapping screws (Large)  | 5 |
| Tapping screws (Small)  | 2 |
| Battery  | 2 |
| Wall hook bracket  | 1 |

OUTDOOR UNIT

| Name and Shape | Q'ty |
|--|------|
| Drain pipe  For outdoor unit drain piping work | 1 |

1803G4721