

AIR CONDITIONER

3-unit multi-split type

SERVICE MANUAL

INDOOR



AUXG07KVLA
AUXG09KVLA
AUXG12KVLA
AUXG14KVLA
AUXG18KVLA



ARXG07KSLAP
ARXG09KSLAP
ARXG12KSLAP
ARXG14KSLAP
ARXG18KSLAP



ARXG07KLLAP
ARXG09KLLAP
ARXG12KLLAP
ARXG14KLLAP
ARXG18KLLAP



ASYG07KGTB
ASYG09KGTB
ASYG12KGTB
ASYG14KGTB



ASYG18KMTB



ASYG07KMCC
ASYG09KMCC
ASYG12KMCC
ASYG14KMCC



ASYG07KETA
ASYG09KETA
ASYG12KETA
ASYG14KETA



ASYG07KETA-B
ASYG09KETA-B
ASYG12KETA-B
ASYG14KETA-B



ABYG18KRTA



AGYG09KVCA
AGYG12KVCA
AGYG14KVCA

OUTDOOR



AOYG18KBTA3
AOYG24KBTA3

Notices:

- Product specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorized dealer.

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1. GENERAL INFORMATION

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1. GENERAL INFORMATION

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1. Specifications

1-1. Indoor unit

■ Compact cassette type

| Model name | | | | AUXG07KVLA | AUXG09KVLA | AUXG12KVLA | AUXG14KVLA | |
|-------------------------------------|------------------------|----------|---|--|-----------------|------------|------------|--|
| Power supply | | | | 1Ø 230 V ~50 Hz | | | | |
| Available voltage range | | | | 198—264 V | | | | |
| Capacity | | kW class | | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | | W | | 18 | | 23 | 28 | |
| Running current | | A | | 0.15 | | 0.19 | 0.22 | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 540 | 610 | 680 | |
| | | | MED | | 490 | 530 | 580 | |
| | | | LOW | | 440 | 470 | 490 | |
| | | | QUIET | | 390 | 410 | 410 | |
| | | Heating | HIGH | | 540 | 610 | 790 | |
| | | | MED | | 490 | 530 | 680 | |
| | | | LOW | | 440 | 470 | 580 | |
| | | | QUIET | | 390 | 410 | 450 | |
| | Type × Q'ty | | Turbo fan × 1 | | | | | |
| | Motor output | | W | | 54 | | | |
| Sound pressure level * | Cooling | dB (A) | HIGH | 33 | 37 | 38 | | |
| | | | MED | 31 | 34 | 35 | | |
| | | | LOW | 29 | 31 | 32 | | |
| | | | QUIET | 27 | 28 | 29 | | |
| | Heating | HIGH | 34 | 37 | 43 | | | |
| | | MED | 32 | 34 | 38 | | | |
| | | LOW | 29 | 31 | 34 | | | |
| | | QUIET | 27 | 29 | 30 | | | |
| Sound power level | Cooling | dB (A) | 46 | 49 | 50 | | | |
| | Heating | | 47 | 49 | 55 | | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main1: 210 × 1,310 × 13.3 Main2: 210 × 1,250 × 13.3 | | | | |
| | Fin pitch | | mm | 1.2 | | | | |
| | Rows × Stages | | | Main1: 1 × 10 Main2: 1 × 10 | | | | |
| | Pipe type | | | Copper tube | | | | |
| | Fin type | | | Aluminum | | | | |
| Dimensions (H × W × D) | Net | | mm | 245 × 570 × 570 | | | | |
| | Gross | | | 265 × 730 × 625 | | | | |
| Weight | Net | | kg | 15 | | | | |
| | Gross | | | 19 | | | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | | | |
| | | Gas | | Ø9.52 (Ø3/8) | | | | |
| | Method | | | Flare | | | | |
| Drain hose | Material | | PVC | | | | | |
| | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | | | | |
| Operation range | Cooling | °C | 18 to 32 | | | | | |
| | | %RH | 80 or less | | | | | |
| | Heating | °C | 16 to 30 | | | | | |
| Cassette grille (Grid type: Option) | Model name | | UTG-UFYF-W | | | | | |
| | Material | | Polystyrene | | | | | |
| | Color | | White Approximate color of Munsell 9PB 9.1/0.2 | | | | | |
| | Dimensions (H × W × D) | Net | | mm | 49 × 620 × 620 | | | |
| | | Gross | | | 120 × 765 × 755 | | | |
| | Weight | Net | | kg | 2.3 | | | |
| Gross | | 4.5 | | | | | | |

NOTES:

- The protective function might work when using it outside the operation range.
- *: Sound pressure level:
 - These are the measured values in the manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

| Model name | | | | AUXG18KVLA | | |
|---|------------------------|---------|---------------|---|-----------------|--|
| Power supply | | | | 1Ø 230 V ~50 Hz | | |
| Available voltage range | | | | 198—264 V | | |
| Capacity | | | kW class | 5.0 | | |
| Input power | | | W | 39 | | |
| Running current | | | A | 0.30 | | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 680 | |
| | | | MED | | 580 | |
| | | | LOW | | 490 | |
| | | | QUIET | | 410 | |
| | | Heating | HIGH | | 790 | |
| | | | MED | | 680 | |
| | | | LOW | | 580 | |
| | | | QUIET | | 450 | |
| | Type × Q'ty | | Turbo fan × 1 | | | |
| | Motor output | | | W | 54 | |
| Sound pressure level * | Cooling | HIGH | dB (A) | 38 | | |
| | | MED | | 35 | | |
| | | LOW | | 32 | | |
| | | QUIET | | 29 | | |
| | Heating | HIGH | | 43 | | |
| | | MED | | 38 | | |
| | | LOW | | 34 | | |
| | | QUIET | | 30 | | |
| Sound power level | Cooling | dB (A) | | 50 | | |
| | Heating | dB (A) | | 55 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main1: 210 × 1,310 × 13.3 | | |
| | Fin pitch | | | Main2: 210 × 1,250 × 13.3 | | |
| | Rows × Stages | | | Main1: 1 × 10 Main2: 1 × 10 | | |
| | Pipe type | | | Copper tube | | |
| | Fin type | | | Aluminum | | |
| Dimensions (H × W × D) | Net | mm | | 245 × 570 × 570 | | |
| | Gross | mm | | 265 × 730 × 625 | | |
| Weight | Net | kg | | 15 | | |
| | Gross | kg | | 19 | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | |
| | | Gas | | Ø12.70 (Ø1/2) | | |
| Method | | Flare | | | | |
| Drain hose | Material | | | PVC | | |
| | Tip diameter | mm | | Ø25 (I.D.), Ø32 (O.D.) | | |
| Operation range | Cooling | °C | | 18 to 32 | | |
| | | %RH | | 80 or less | | |
| Heating | °C | | 16 to 30 | | | |
| | | | | | | |
| Cassette grille (Grid type: Option) | Model name | | | UTG-UFYF-W | | |
| | Material | | | Polystyrene | | |
| | Color | | | White Approximate color of Munsell 9PB 9.1/0.2 | | |
| | Dimensions (H × W × D) | Net | mm | | 49 × 620 × 620 | |
| | | Gross | mm | | 120 × 765 × 755 | |
| | Weight | Net | kg | | 2.3 | |
| Gross | | kg | | 4.5 | | |
| NOTES: | | | | | | |
| <ul style="list-style-type: none"> • The protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. | | | | | | |

■ Mini duct type

| Model name | | | ARXG07KSLAP | ARXG09KSLAP | ARXG12KSLAP | ARXG14KSLAP | | |
|-----------------------------|------------------------|---------|-------------------|------------------------|-------------|-------------|---------|-----|
| Power supply | | | 1Ø 230 V ~50 Hz | | | | | |
| Available voltage range | | | 198—264 V | | | | | |
| Capacity | | | kW class | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | Fan | HIGH | W | 33 | 40 | 47 | 72 | |
| | | MED | | 23 | 23 | 26 | 44 | |
| | | LOW | | 20 | 20 | 22 | 30 | |
| | | QUIET | | 18 | 18 | 18 | 18 | |
| Running current | | | A | 0.29 | 0.33 | 0.38 | 0.58 | |
| Fan | Airflow rate | Cooling | m ³ /h | HIGH | 550 | 600 | 650 | 800 |
| | | | | MED | 440 | 450 | 490 | 640 |
| | | | | LOW | 390 | 400 | 430 | 530 |
| | | | | QUIET | 360 | 360 | 360 | 360 |
| | | Heating | | HIGH | 550 | 600 | 650 | 800 |
| | | | | MED | 440 | 450 | 490 | 640 |
| | | | | LOW | 390 | 400 | 430 | 530 |
| | | | | QUIET | 360 | 360 | 360 | 360 |
| | Type × Q'ty | | | Sirocco fan × 2 | | | | |
| | Motor output | | | W | 75 | | | |
| Recommended static pressure | | | Pa | 0 to 30 | | | 0 to 50 | |
| Sound pressure level * | Cooling | HIGH | dB (A) | 29 | 29 | 31 | 35 | |
| | | MED | | 26 | 26 | 27 | 30 | |
| | | LOW | | 24 | 24 | 25 | 27 | |
| | | QUIET | | 23 | 23 | 23 | 23 | |
| | Heating | HIGH | | 29 | 29 | 31 | 35 | |
| | | MED | | 26 | 26 | 27 | 30 | |
| | | LOW | | 24 | 24 | 25 | 27 | |
| | | QUIET | | 23 | 23 | 23 | 23 | |
| Sound power level | Cooling | dB (A) | 52 | 54 | 55 | 60 | | |
| | Heating | | 53 | 56 | 57 | 62 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 336 × 490 × 26.6 | | | | |
| | Fin pitch | | mm | 1.3 | | | | |
| | Rows × Stages | | | 2 × 16 | | | | |
| | Pipe type | | | Copper tube | | | | |
| | Fin type | | | Aluminum | | | | |
| Enclosure | Material | | | Steel sheet | | | | |
| | Color | | | — | | | | |
| Dimensions (H × W × D) | Net | | mm | 198 × 700 × 450 | | | | |
| | Gross | | | 250 × 930 × 580 | | | | |
| Weight | Net | | kg | 15.5 | | | | |
| | Gross | | | 19.0 | | | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | | | |
| | | Gas | | Ø9.52 (Ø3/8) | | | | |
| | Method | | | | Flare | | | |
| Drain hose | Material | | | Hard PVC | | | | |
| | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | | | | |
| Operation range | Cooling | °C | 18 to 32 | | | | | |
| | | %RH | 80 or less | | | | | |
| | Heating | °C | 16 to 30 | | | | | |

NOTES:

- Values mentioned in the table are based on the following conditions:
 - Static pressure: 10 Pa
- The protective function might work when using it outside the operation range.
- *: Sound pressure level:
 - These are the measured values in the manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

| Model name | | | | ARXG18KSLAP | | |
|-----------------------------|------------------------|---------|-------------|------------------------|-----|--|
| Power supply | | | | 1Ø 230 V ~ 50 Hz | | |
| Available voltage range | | | | 198—264 V | | |
| Capacity | | | kW class | 5.0 | | |
| Input power | Fan | HIGH | W | 63 | | |
| | | MED | | 38 | | |
| | | LOW | | 22 | | |
| | | QUIET | | 19 | | |
| Running current | | | A | 0.49 | | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 940 | |
| | | | MED | | 750 | |
| | | | LOW | | 540 | |
| | | | QUIET | | 480 | |
| | | Heating | HIGH | | 940 | |
| | | | MED | | 750 | |
| | | | LOW | | 540 | |
| | | | QUIET | | 480 | |
| | Type × Q'ty | | | Sirocco fan × 3 | | |
| | Motor output | | | W | 80 | |
| Recommended static pressure | | | Pa | 0 to 50 | | |
| Sound pressure level * | Cooling | HIGH | dB (A) | 33 | | |
| | | MED | | 29 | | |
| | | LOW | | 26 | | |
| | | QUIET | | 23 | | |
| | Heating | HIGH | | 33 | | |
| | | MED | | 29 | | |
| | | LOW | | 26 | | |
| | | QUIET | | 23 | | |
| Sound power level | Cooling | dB (A) | | 58 | | |
| | Heating | | | 59 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 336 × 690 × 26.6 | | |
| | Fin pitch | | | 1.30 | | |
| | Rows × Stages | | | 2 × 16 | | |
| | Pipe type | | | Copper tube | | |
| | Fin type | | | Aluminum | | |
| Enclosure | Material | | Steel sheet | | | |
| | Color | | — | | | |
| Dimensions (H × W × D) | Net | | mm | 198 × 900 × 450 | | |
| | Gross | | | 250 × 1,130 × 580 | | |
| Weight | Net | | kg | 18.5 | | |
| | Gross | | | 23.0 | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | |
| | | Gas | | Ø12.7 (Ø1/2) | | |
| | Method | | | Flare | | |
| Drain hose | Material | | PVC | | | |
| | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | | |
| Operation range | Cooling | °C | | 18 to 32 | | |
| | | %RH | | 80 or less | | |
| | Heating | °C | | 16 to 30 | | |

NOTES:

- Values mentioned in the table are based on the following conditions:
 - Static pressure: 15 Pa
- The protective function might work when using it outside the operation range.
- *: Sound pressure level:
 - These are the measured values in the manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

■ Slim duct type

| Model name | | | ARXG07KLLAP | ARXG09KLLAP | ARXG12KLLAP | ARXG14KLLAP | |
|---|------------------------|--------------|------------------------|------------------|------------------|-------------|-----|
| Power supply | | | 1Ø 230 V ~50 Hz | | | | |
| Available voltage range | | | 198—264 V | | | | |
| Capacity | kW class | | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | W | | 33 | 49 | 58 | 76 | |
| Running current | A | | 0.33 | 0.30 | 0.35 | 0.51 | |
| Fan | Airflow rate | Cooling | HIGH | 550 | 600 | 650 | 800 |
| | | | MED | 490 | 550 | 600 | 700 |
| | | | LOW | 470 | 500 | 550 | 600 |
| | | | QUIET | 440 | 450 | 480 | 480 |
| | | Heating | HIGH | 550 | 600 | 650 | 800 |
| | | | MED | 490 | 550 | 600 | 700 |
| | | | LOW | 470 | 500 | 550 | 600 |
| | | | QUIET | 440 | 450 | 480 | 480 |
| | Type × Q'ty | | Sirocco fan × 2 | | | | |
| | Motor output | | W | 80 | 81 | | |
| Recommended static pressure | | | Pa | | | | |
| Sound pressure level * | Cooling | HIGH | 28 | 28 | 29 | 32 | |
| | | MED | 26 | 27 | 28 | 30 | |
| | | LOW | 25 | 26 | 27 | 28 | |
| | | QUIET | 24 | 25 | 26 | 26 | |
| | Heating | HIGH | 28 | 28 | 29 | 32 | |
| | | MED | 26 | 26 | 28 | 30 | |
| | | LOW | 25 | 25 | 27 | 28 | |
| | | QUIET | 24 | 24 | 24 | 25 | |
| Sound power level | Cooling | dB (A) | 57 | | 58 | 60 | |
| | Heating | | 57 | | 58 | 60 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 294 × 500 × 26.6 | 294 × 500 × 39.9 | | |
| | Fin pitch | | mm | 1.3 | | | |
| | Rows × Stages | | | 2 × 14 | 3 × 14 | | |
| | Pipe type | | | Copper tube | | | |
| | Fin type | | | Aluminum | | | |
| Enclosure | Material | Steel sheet | | | | | |
| | Color | — | | | | | |
| Dimensions (H × W × D) | Net | mm | 198 × 700 × 620 | | | | |
| | Gross | | 276 × 968 × 772 | | | | |
| Weight | Net | kg | 16 | 17 | | | |
| | Gross | | 21 | 22 | | | |
| Connection pipe | Size | Liquid | mm (in) | | | | |
| | | Gas | Ø6.35 (Ø1/4) | | | | |
| | Method | Ø9.52 (Ø3/8) | | | | | |
| Drain hose | Material | Flare | | | | | |
| | Tip diameter | mm | PVC | | | | |
| Operation range | Cooling | °C | Ø25 (I.D.), Ø32 (O.D.) | | | | |
| | | %RH | 18 to 32 | | | | |
| | Heating | °C | 80 or less | | | | |
| NOTES: <ul style="list-style-type: none"> • Values mentioned in the table are based on the following conditions: <ul style="list-style-type: none"> – Static pressure: 25 Pa • The protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. | | | | | | | |

| Model name | | | | ARXG18KLLAP | |
|---|------------------------|---------|-------------|------------------------|-----|
| Power supply | | | | 1Ø 230 V ~50 Hz | |
| Available voltage range | | | | 198—264 V | |
| Capacity | | | kW class | 5.0 | |
| Input power | | | | W | |
| Running current | | | | A | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 940 |
| | | | MED | | 880 |
| | | | LOW | | 820 |
| | | | QUIET | | 750 |
| | | Heating | HIGH | | 940 |
| | | | MED | | 880 |
| | | | LOW | | 820 |
| | | | QUIET | | 750 |
| | Type × Q'ty | | | Sirocco fan × 3 | |
| | Motor output | | | W | |
| Recommended static pressure | | | Pa | | |
| Sound pressure level * | Cooling | HIGH | dB (A) | 32 | |
| | | MED | | 30 | |
| | | LOW | | 29 | |
| | | QUIET | | 27 | |
| | Heating | HIGH | | 32 | |
| | | MED | | 30 | |
| | | LOW | | 29 | |
| | | QUIET | | 27 | |
| Sound power level | | Cooling | dB (A) | | |
| | | Heating | 58 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 294 × 700 × 39.9 | |
| | Fin pitch | | mm | 1.3 | |
| | Rows × Stages | | 3 × 14 | | |
| | Pipe type | | Copper tube | | |
| | Fin type | | Aluminum | | |
| Enclosure | Material | | | Steel sheet | |
| | Color | | | — | |
| Dimensions (H × W × D) | Net | | mm | 198 × 900 × 620 | |
| | Gross | | | 276 × 1,168 × 772 | |
| Weight | Net | | kg | 20 | |
| | Gross | | | 26 | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | |
| | | Gas | | Ø12.70 (Ø1/2) | |
| | Method | | | Flare | |
| Drain hose | Material | | | PVC | |
| | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | |
| Operation range | Cooling | °C | | 18 to 32 | |
| | | %RH | | 80 or less | |
| | Heating | °C | | 16 to 30 | |
| NOTES: | | | | | |
| <ul style="list-style-type: none"> • Values mentioned in the table are based on the following conditions: <ul style="list-style-type: none"> – Static pressure: 25 Pa • The protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. | | | | | |

Wall mounted type

| Model name | | | ASYG07KGTB | ASYG09KGTB | ASYG12KGTB | ASYG14KGTB | |
|-------------------------|------------------------|---------------|--|--------------|---|------------|-----|
| Power supply | | | 1Ø 230 V ~50 Hz | | | | |
| Available voltage range | | | 198—264 V | | | | |
| Capacity | kW class | | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | W | | 23 | 27 | 27 | 33 | |
| Running current | A | | 0.20 | 0.24 | 0.24 | 0.29 | |
| Fan | Airflow rate | Cooling | HIGH | 650 | 700 | 700 | 770 |
| | | | MED | 540 | 560 | 560 | 600 |
| | | | LOW | 430 | 430 | 430 | 450 |
| | | | QUIET | 270 | 270 | 270 | 280 |
| | | Heating | HIGH | 720 | 750 | 770 | 800 |
| | | | MED | 580 | 610 | 640 | 660 |
| | | | LOW | 460 | 470 | 520 | 520 |
| | | | QUIET | 330 | 330 | 330 | 340 |
| | Type × Q'ty | | Crossflow fan × 1 | | | | |
| | Motor output | | W | 30 | | 49 | |
| Sound pressure level *1 | Cooling | dB (A) | HIGH | 38 | 40 | 40 | 43 |
| | | | MED | 33 | 34 | 35 | 36 |
| | | | LOW | 29 | 29 | 30 | 30 |
| | | | QUIET | 21 | 21 | 21 | 21 |
| | Heating | HIGH | 41 | 42 | 42 | 44 | |
| | | MED | 35 | 36 | 38 | 39 | |
| | | LOW | 31 | 31 | 33 | 33 | |
| | | QUIET | 22 | 22 | 22 | 24 | |
| Sound power level | Cooling | dB (A) | 54 | 55 | 56 | 57 | |
| | Heating | | 56 | 57 | 58 | 59 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | | Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20.0 | | |
| | Fin pitch | | mm | | Main1: 1.2, Main2: 1.1 | | |
| | Rows × Stages | | | | Main1: 2 × 10, Main2: 2 × 7 | | |
| | Pipe type | | | | Copper tube | | |
| Fin type | | | | Aluminum | | | |
| Enclosure | Material | | | | Polystyrene | | |
| | Color | | | | White + Pearl white (painted) Approximate color of Munsell N 9.25/ | | |
| Dimensions (H × W × D) | Net | mm | 270 × 834 × 215 | | | | |
| | Gross | | 277 × 914 × 332 | | | | |
| Weight | Net | kg | 10.0 | | | | |
| | Gross | | 12.5 | | 13.0 | | |
| Connection pipe | Size | Liquid Gas | mm (in) | Ø6.35 (Ø1/4) | | | |
| | | | | Ø9.52 (Ø3/8) | | | |
| Drain hose | Method | | Flare | | | | |
| | Material | | PP + HDPE | | | | |
| Operation range | Tip diameter | | mm | | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.) | | |
| | Cooling | °C | | 18 to 32 | | | |
| %RH | | 80 or less | | | | | |
| Remote controller type | Heating | | °C | | 16 to 30 | | |
| | | | Wireless (Option: Wired, Mobile app*2 [FGLair™]) | | | | |

NOTES:

- The protective function might work when using it outside the operation range.
- *1: Sound pressure level:
 - These are the measured values in the manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *2: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.

| Model name | | | | ASYG18KMTB | | |
|---|------------------------|---------|----------|--|-------|------|
| Power supply | | | | 1Ø 230 V ~50 Hz | | |
| Available voltage range | | | | 198—264 V | | |
| Capacity | | | kW class | | 5.0 | |
| Input power | | | | W | | 37.5 |
| Running current | | | | A | | 0.35 |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 980 | |
| | | | MED | | 810 | |
| | | | LOW | | 640 | |
| | | | QUIET | | 510 | |
| | | Heating | HIGH | | 1,020 | |
| | | | MED | | 850 | |
| | | | LOW | | 640 | |
| | | | QUIET | | 510 | |
| | Type × Q'ty | | | Crossflow fan × 1 | | |
| | Motor output | | | W | | |
| Sound pressure level *1 | Cooling | HIGH | dB (A) | 45 | | |
| | | MED | | 40 | | |
| | | LOW | | 35 | | |
| | | QUIET | | 29 | | |
| | Heating | HIGH | | 46 | | |
| | | MED | | 40 | | |
| | | LOW | | 35 | | |
| | | QUIET | | 29 | | |
| Sound power level | Cooling | dB (A) | | 60 | | |
| | Heating | dB (A) | | 61 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main1: 210 × 798 × 26.6 Main2: 135 × 798 × 20.0 Sub1: 84 × 798 × 13.3 Sub2: 84 × 798 × 13.3 | | |
| | Fin pitch | | mm | Main1: 1.2, Main2: 1.1 Sub1: 1.4, Sub2: 1.4 | | |
| | Rows × Stages | | | Main1: 2 × 10 Main2: 2 × 8 Sub1: 1 × 4 Sub2: 1 × 4 | | |
| | Pipe type | | | Copper tube | | |
| | Fin type | | | Aluminum | | |
| | Material | | | Polystyrene | | |
| Enclosure | | | | White Approximate color of Munsell N 9.25/ | | |
| Dimensions (H × W × D) | Net | | mm | 280 × 980 × 240 | | |
| | Gross | | | 322 × 1,078 × 346 | | |
| Weight | Net | | kg | 12.5 | | |
| | Gross | | | 18 | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | |
| | | Gas | | 12.7 (Ø1/2) | | |
| | Method | | | Flare | | |
| Drain hose | | | | PP + HDPE | | |
| Tip diameter | | | mm | Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.) | | |
| Operation range | Cooling | °C | | 18 to 32 | | |
| | | %RH | | 80 or less | | |
| | Heating | °C | | 16 to 30 | | |
| Remote controller type | | | | Wireless (Option: Wired, Mobile app*2 [FGLair™]) | | |
| NOTES: | | | | | | |
| <ul style="list-style-type: none"> • The protective function might work when using it outside the operation range. • *1: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. • *2: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual. | | | | | | |

| Model name | | | | ASYG07KMCC | ASYG09KMCC | ASYG12KMCC | ASYG14KMCC | |
|---|------------------------|------------|---|--|------------|---|--|-----|
| Power supply | | | | 1Ø 230 V ~50 Hz | | | | |
| Available voltage range | | | | 198—264 V | | | | |
| Capacity | | | kW class | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | | | | W | 23 | 27 | 33 | |
| Running current | | | | A | 0.20 | 0.24 | 0.30 | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 650 | 700 | 700 | 770 |
| | | | MED | | 540 | 560 | 560 | 600 |
| | | | LOW | | 430 | 430 | 430 | 450 |
| | | | QUIET | | 320 | 320 | 320 | 310 |
| | | Heating | HIGH | | 720 | 750 | 780 | 820 |
| | | | MED | | 580 | 610 | 640 | 660 |
| | | | LOW | | 460 | 470 | 520 | 520 |
| | | | QUIET | | 330 | 330 | 330 | 340 |
| | Type × Q'ty | | | Crossflow fan × 1 | | | | |
| | Motor output | | | W | 27 | | | |
| Sound pressure level *1 | Cooling | HIGH | dB (A) | 38 | 40 | 40 | 43 | |
| | | MED | | 33 | 34 | 35 | 36 | |
| | | LOW | | 29 | 29 | 30 | 30 | |
| | | QUIET | | 21 | 21 | 21 | 21 | |
| | Heating | HIGH | | 41 | 42 | 42 | 44 | |
| | | MED | | 35 | 36 | 38 | 39 | |
| | | LOW | | 31 | 31 | 33 | 33 | |
| | | QUIET | | 22 | 22 | 22 | 24 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20 | | | Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20 Sub: 84 × 670 × 13.3 | |
| | Fin pitch | | | Man1: 1.2, Main2: 1.1 | | | Man1: 1.2, Main2: 1.1, Sub: 1.4 | |
| | Rows × Stages | | Main1: 2 × 10, Main2: 2 × 7 | | | Main1: 2 × 10, Main2: 2 × 7, Sub: 1 × 4 | | |
| | Pipe type | | Copper tube | | | | | |
| | Fin type | | Aluminum | | | | | |
| Enclosure | Material | | Polystyrene | | | | | |
| | Color | | White + Pearl white (painted) Approximate color of Munsell N 9.25/ | | | | | |
| Dimensions (H × W × D) | Net | mm | 270 × 834 × 222 | | | | | |
| | Gross | | 277 × 914 × 332 | | | | | |
| Weight | Net | kg | 10.0 | | | | | |
| | Gross | | 12.5 | | | 13.0 | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | | | |
| | | Gas | | Ø9.52 (Ø3/8) | | | | |
| Drain hose | Method | | Flare | | | | | |
| | Material | | PP + HDPE | | | | | |
| Operation range | Tip diameter | | mm | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.) | | | | |
| | Cooling | °C | | 18 to 32 | | | | |
| %RH | | 80 or less | | | | | | |
| Heating | °C | | 16 to 30 | | | | | |
| | Remote controller type | | | | | | | |
| Wireless (Wired, Mobile app*2 [FGLair™] [option]) | | | | | | | | |
| NOTES: | | | | | | | | |
| <ul style="list-style-type: none"> • The protective function might work when using it outside the operation range. • *1: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. • *2: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual. | | | | | | | | |

| Model name | | | ASYG07KETA ASYG07KETA-B | ASYG09KETA ASYG09KETA-B | ASYG12KETA ASYG12KETA-B | ASYG14KETA ASYG14KETA-B | |
|---|------------------------|----------|--|--|----------------------------|--|-----|
| Power supply | | | 1Ø 230 V ~50 Hz | | | | |
| Available voltage range | | | 198—264 V | | | | |
| Capacity | | kW class | 2.0 | 2.5 | 3.5 | 4.0 | |
| Input power | | W | 23 | 27 | 27 | 33 | |
| Running current | | A | 0.20 | 0.24 | 0.24 | 0.30 | |
| Fan | Airflow rate | Cooling | HIGH | 650 | 700 | 700 | 770 |
| | | | MED | 540 | 560 | 560 | 600 |
| | | | LOW | 430 | 430 | 430 | 450 |
| | | | QUIET | 270 | 270 | 270 | 280 |
| | | Heating | HIGH | 720 | 750 | 770 | 800 |
| | | | MED | 580 | 610 | 640 | 660 |
| | | | LOW | 460 | 470 | 520 | 520 |
| | | | QUIET | 330 | 330 | 330 | 340 |
| | Type × Q'ty | | Crossflow fan × 1 | | | | |
| | Motor output | | W | 30 | | | 49 |
| Sound pressure level *1 | Cooling | HIGH | 38 | 40 | 40 | 43 | |
| | | MED | 33 | 34 | 35 | 36 | |
| | | LOW | 29 | 29 | 30 | 30 | |
| | | QUIET | 21 | 21 | 21 | 21 | |
| | Heating | HIGH | 41 | 42 | 42 | 44 | |
| | | MED | 35 | 36 | 38 | 39 | |
| | | LOW | 31 | 31 | 33 | 33 | |
| | | QUIET | 22 | 22 | 22 | 24 | |
| Sound power level | | dB (A) | 54 | 55 | 55 | 57 | |
| | | | 56 | 57 | 58 | 59 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20.0 | | Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20.0 Sub: 84 × 670 × 13.3 | |
| | Fin pitch | | mm | Main1: 1.2, Main2: 1.1 | | Main1: 1.2, Main2: 1.1 Sub: 1.4 | |
| | Rows × Stages | | | Main1: 2 × 10, Main2: 2 × 7 | | Main1: 2 × 10 Main2: 2 × 7 Sub: 1 × 4 | |
| | Pipe type | | | Copper tube | | | |
| | Fin type | | | Aluminum | | | |
| Enclosure | Material | | Polystyrene | | | | |
| | Color | | KETA; White + Pearl white (painted) Approximate color of Munsell N 9.25/ KETA-B; Dark Gray + Silver (painted) Approximate color of Munsell 0.5P 3.5/0.2 | | | | |
| Dimensions (H × W × D) | Net | mm | 295 × 950 × 230 | | | | |
| | Gross | | 284 × 1,027 × 357 | | | | |
| Weight | Net | kg | 11.0 | | 11.5 | | |
| | Gross | | 14.5 | | 15.0 | | |
| Connection pipe | Size | mm (in) | Ø6.35 (Ø1/4) | | | | |
| | Liquid Gas | | Ø9.52 (Ø3/8) | | | | |
| Drain hose | Method | | Flare | | | | |
| | Material | | PP + HDPE | | | | |
| Operation range | Tip diameter | | mm | | | | |
| | Cooling | °C | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.) | | | | |
| Heating | | %RH | 18 to 32 | | | | |
| | | | 80 or less | | | | |
| | | °C | 16 to 30 | | | | |
| Remote controller type | | | Wireless (Option: Wired, Mobile app*2 [FGLair™]) | | | | |
| NOTES: | | | | | | | |
| <ul style="list-style-type: none"> The protective function might work when using it outside the operation range. *1: Sound pressure level: <ul style="list-style-type: none"> These are the measured values in the manufacturer's anechoic chamber. Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. *2: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual. | | | | | | | |

■ Ceiling type

| Model name | | | ABYG18KRTA | | | |
|---|------------------------|----------|---|------------------------|------------|--|
| Power supply | | | 1Ø 230 V ~50 Hz | | | |
| Available voltage range | | | 198—264 V | | | |
| Capacity | | kW class | 5.0 | | | |
| Input power | | W | 37 | | | |
| Running current | | A | 0.21 | | | |
| Fan | Airflow rate | Cooling | HIGH | m ³ /h | 840 | |
| | | | MED | | 790 | |
| | | | LOW | | 710 | |
| | | | QUIET | | 650 | |
| | | Heating | HIGH | | 840 | |
| | | | MED | | 790 | |
| | | | LOW | | 710 | |
| | | | QUIET | | 650 | |
| | Type × Q'ty | | Sirocco × 2 | | | |
| | Motor output | | W | 50 | | |
| Sound pressure level * | Cooling | HIGH | dB (A) | 38 | | |
| | | MED | | 36 | | |
| | | LOW | | 33 | | |
| | | QUIET | | 31 | | |
| | Heating | HIGH | | 38 | | |
| | | MED | | 36 | | |
| | | LOW | | 33 | | |
| | | QUIET | | 31 | | |
| Sound power level | | Cooling | dB (A) | 53 | | |
| | | Heating | | 53 | | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 294 × 715 × 39.9 | | |
| | Fin pitch | | mm | 1.30 | | |
| | Rows × Stages | | | 3 × 14 | | |
| | Pipe type | | | Copper | | |
| | Fin type | | | Aluminum | | |
| Enclosure | Material | | Steel sheet | | | |
| | Color | | White Approximate color of Munsell N9.25/ | | | |
| Dimensions (H × W × D) | Net | | mm | 235 × 1,080 × 705 | | |
| | Gross | | | 330 × 1,165 × 825 | | |
| Weight | Net | | kg | 24 | | |
| | Gross | | | 33 | | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) | | |
| | | Gas | | Ø12.70 (Ø1/2) | | |
| | Method | | Flare | | | |
| Drain hose | Material | | PVC | | | |
| | Tip diameter | | mm | Ø25 (I.D.), Ø32 (O.D.) | | |
| Operation range | Cooling | | | °C | 18 to 32 | |
| | | | | %RH | 80 or less | |
| | Heating | | | °C | 16 to 30 | |
| Remote controller type | | | Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™) | | | |
| NOTES: | | | | | | |
| <ul style="list-style-type: none"> • Specifications are based on the following conditions: <ul style="list-style-type: none"> – Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB. – Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB. – Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.) • Protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – Measured values in manufacturer's anechoic chamber. – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. | | | | | | |

■ Floor type

| Model name | | | AGYG09KVCA | AGYG12KVCA | AGYG14KVCA | |
|-------------------------|------------------------|---------|---|------------|------------|-----|
| Power supply | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | 198—264 V | | | |
| Capacity | kW class | | 2.5 | 3.5 | 4.0 | |
| Input power | W | | 16 | 20 | 23 | |
| Running current | A | | 0.15 | 0.18 | 0.20 | |
| Fan | Airflow rate | Cooling | HIGH | 530 | 600 | 650 |
| | | | MED | 440 | 490 | 520 |
| | | | LOW | 360 | 380 | 400 |
| | | | QUIET | 270 | 270 | 270 |
| | Heating | HIGH | 530 | 600 | 650 | |
| | | MED | 460 | 510 | 540 | |
| | | LOW | 380 | 410 | 430 | |
| | | QUIET | 270 | 270 | 270 | |
| | Type × Q'ty | | Cross flow fan × 2 | | | |
| | Motor output | | W | 16 × 2 | | |
| Sound pressure level * | Cooling | dB (A) | HIGH | 39 | 42 | 44 |
| | | | MED | 34 | 36 | 38 |
| | | | LOW | 28 | 30 | 31 |
| | | | QUIET | 22 | 22 | 22 |
| | Heating | HIGH | 39 | 42 | 44 | |
| | | MED | 35 | 38 | 39 | |
| | | LOW | 30 | 32 | 33 | |
| | | QUIET | 22 | 22 | 22 | |
| Sound power level | Cooling | dB (A) | 52 | 55 | 56 | |
| | Heating | | 52 | 55 | 56 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | | | |
| | Fin pitch | | 378 × 550 × 26.6 | | | |
| | Rows × Stages | | 1.2 | | | |
| | Pipe type | | 2 × 18 | | | |
| | Fin type | | Copper tube | | | |
| Enclosure | Material | | Aluminum | | | |
| | Color | | Polystyrene White | | | |
| Dimensions (H × W × D) | Net | | mm | | | |
| | Gross | | 600 × 740 × 200 700 × 820 × 310 | | | |
| Weight | Net | | kg | | | |
| | Gross | | 14 18 | | | |
| Connection pipe | Size | Liquid | mm (in) | | | |
| | | Gas | Ø6.35 (Ø1/4) Ø9.52 (Ø3/8) | | | |
| | Method | | Flare | | | |
| Drain hose | Material | | PP + LLDPE | | | |
| | Tip diameter | | mm | | | |
| Operation range | Cooling | °C | Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.) 18 to 32 | | | |
| | | %RH | 80 or less | | | |
| | Heating | °C | 30 or less | | | |
| Remote controller type | | | Wireless (Wired, Simple mobile app [option]) | | | |

NOTES:

- Specifications are based on the following conditions:
 - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
 - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

1-2. Outdoor unit

| Type | | | | Inverter heat pump | |
|-------------------------------------|---|-----------|-------------------|---|---|
| Model name | | | | AOYG18KBTA3 | AOYG24KBTA3 |
| Power source | | | | 230 V 50 Hz | |
| Available voltage range | | | | 198—264V | |
| Standard combination of indoor unit | | | | Wall mounted ASYG07KMCC ×3 | Wall mounted ASYG07KMCC ASYG09KMCC ×2 |
| Capacity | Cooling | Rated | kW | 5.4 | 6.8 |
| | | | Btu/h | 18,400 | 23,200 |
| | | Min.—Max. | kW | 1.8—7 | 1.8—8.5 |
| | | | Btu/h | 6,100—23,800 | 6,100—29,000 |
| | Heating | Rated | kW | 6.8 | 8.0 |
| | | | Btu/h | 23,200 | 27,300 |
| | | Min.—Max. | kW | 2.0—8.0 | 2.0—9.2 |
| | | | Btu/h | 6,800—27,300 | 6,800—31,400 |
| Input power | Cooling | Rated | kW | 1.13 | 1.74 |
| | | | | Max. | 1.90 |
| | Heating | Rated | 1.39 | 1.82 | |
| | | | Max. | 1.85 | 2.35 |
| Current | Cooling | Rated | A | 5.1 | 7.7 |
| | Heating | Rated | | 6.2 | 8.1 |
| EER | Cooling | | | 4.78 | 3.90 |
| COP | Heating | | | 4.89 | 4.40 |
| Starting current | | | A | 6.2 | 8.1 |
| Maximum operating current *1 | | | A | 12.0 | 14.5 |
| Fan | Type × Q'ty | | | Propeller × 1 | |
| | Airflow rate | Cooling | m ³ /h | 2,220 | 2,270 |
| | | Heating | | 2,160 | 2,730 |
| | Motor output | | W | 49 | 49 |
| Sound pressure level *2 | Cooling | | 46 | 48 | |
| | Heating | | 49 | 53 | |
| Heat exchanger | Dimension (H × W × D) | | mm | Main1: 672 × 881 × 18.19 Main2: 672 × 851 × 18.19 | |
| | Fin pitch | | | 1.3 | |
| | Rows × Stages | | | Main1: 1 × 32 Main2: 1 × 32 | |
| | Pipe type (Material) | | | Copper tube | |
| | Fin type (Material) | | | Aluminum | |
| Compressor | Type | | | DC twin rotary | |
| | Motor output | | W | 1,200 | |
| Refrigerant | Type | | | R32 (675) | |
| | Charge | | g | 1,800 | |
| Refrigerant oil | Type | | | RmM68AF | |
| | Amount | | cm ³ | 550 | |
| Enclosure | Material | | | Steel sheet | |
| | Color | | | Beige (Approximate color of Munsell 10YR 7.5/1.0 NN) | |
| Dimensions (H × W × D) | Net | | mm | 716 × 820 × 315 | |
| | Gross | | | 890 × 1,027 × 445 | |
| Weight | Net | | kg | 46 | |
| | Gross | | | 55 | |
| Connection pipe | Size | Liquid | mm (in) | Ø6.35 (Ø1/4) × 3 | |
| | | Gas | | Ø9.52 (Ø3/8) × 3 | Ø9.52 (Ø3/8) × 2, Ø12.70 (Ø1/2) × 1 |
| | Method | | | Flare | |
| | Pre-charge length (Total) | | | 30 | |
| | Maximum length (Total) | | | 50 | |
| | Maximum length (Each) | | | 25 | |
| | Minimum length (Total) | | | 10 | |
| | Minimum length (Each) | | | 2.5 | |
| | Maximum height difference between outdoor unit and each indoor units. | | | 15 | |
| | Maximum height difference between indoor units. | | | 10 | |
| Operation range | Cooling | | °C | -10 to 46 | |
| | Heating | | | -15 to 24 | |
| Drain hose | Material | | | PP | |
| | Tip diameter | | mm | Ø13.0 (I.D.), Ø16.0 to Ø16.8 (O.D.) | |

NOTES:

- Specifications are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]
 - Cooling: Indoor temperature of 27.0 °CDB/19.0 °CWB, and outdoor temperature of 35 °CDB/24.0 °CWB.
 - Heating: Indoor temperature of 20.0 °CDB/15.0 °CWB, and outdoor temperature of 7.0 °CDB/6.0 °CWB.
- *1: Maximum operating current is the total current of the indoor unit and the outdoor unit.
- *2: Sound pressure level
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.
- This data is based on EN 14511 standard.

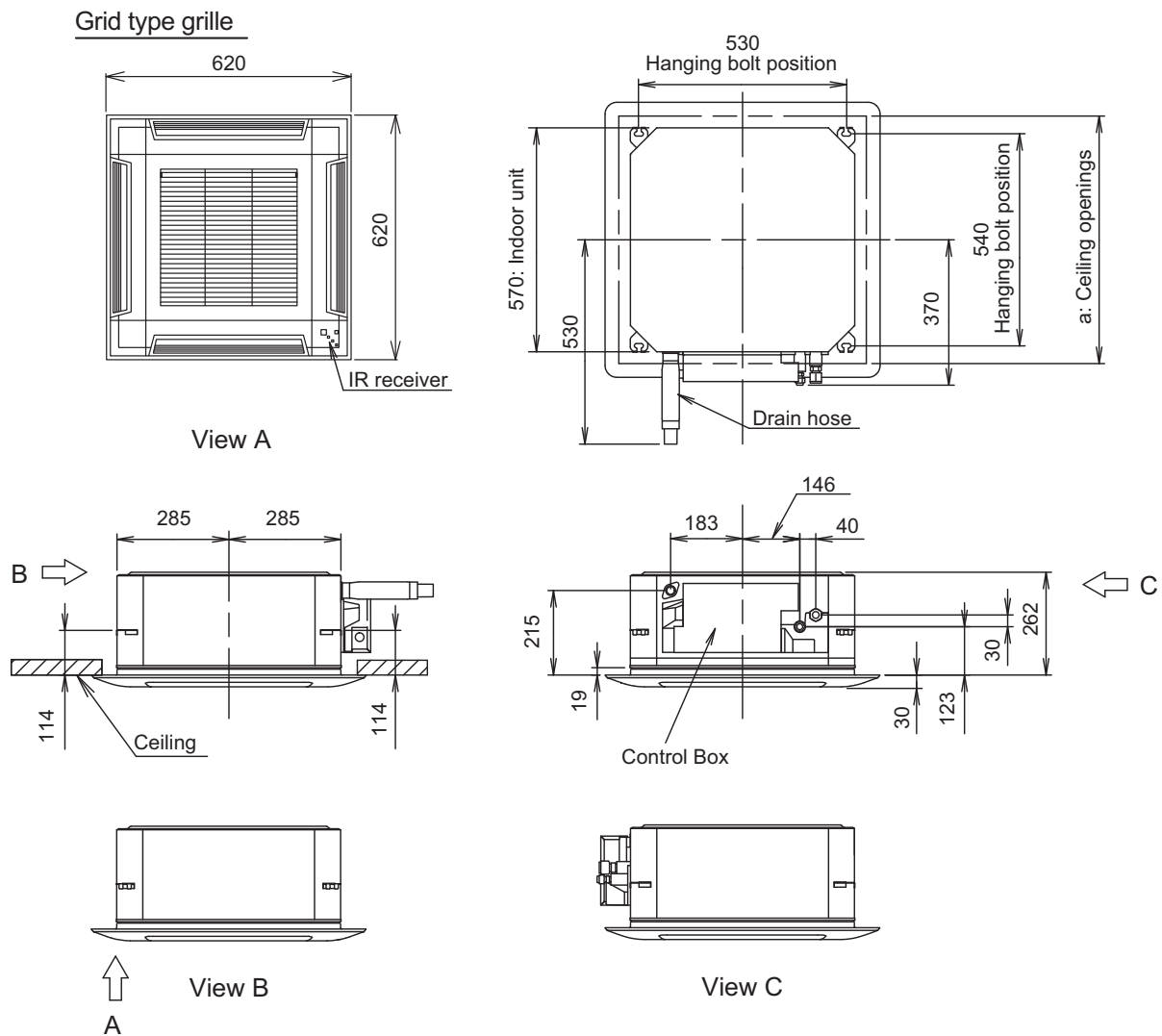
| Specifications for ErP Lot10 | | | | |
|------------------------------|-------------------|------------------|--------------|--------------|
| Model name | | AOYG18KBTA3 | | AOYG24KBTA3 |
| Energy efficiency class | Cooling | A ⁺⁺⁺ | | |
| | Heating (Average) | A ⁺⁺ | | |
| Pdesign | Cooling | kW | 5.4 (35 °C) | 6.8 (35 °C) |
| | Heating (Average) | | 5.0 (-10 °C) | 6.0 (-10 °C) |
| SEER | Cooling | kWh/kWh | 8.60 | 8.50 |
| SCOP | Heating (Average) | | 4.70 | 4.60 |
| Annual energy consumption | QCE | kWh/a | 220 | 280 |
| | QHE (Average) | | 1,486 | 1,826 |
| Sound power level | Cooling | HIGH | dB (A) | 59 |
| | Heating | | | 61 |

2. Dimensions

2-1. Compact cassette type

■ Models: AUXG07KVLA, AUXG09KVLA, AUXG12KVLA, AUXG14KVLA, and AUXG18KVLA

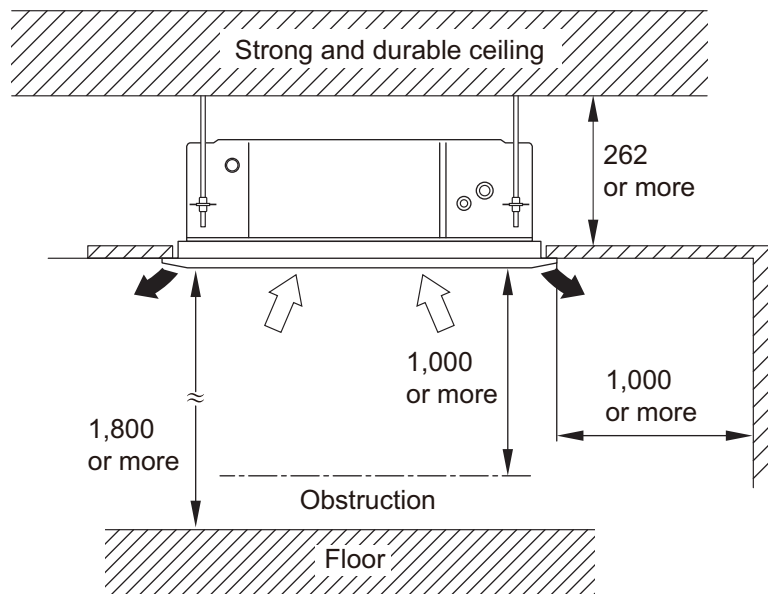
Unit: mm



| a: Ceiling openings | | |
|--------------------------------------|----|------------|
| Cassette grille (Option [Grid type]) | mm | 580 to 610 |

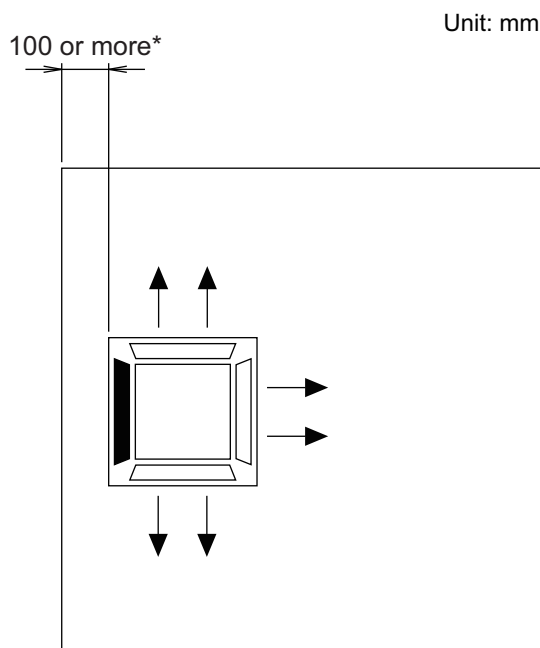
● Installation space requirement

Unit: mm



| Maximum height from floor to ceiling (Unit: mm) | | |
|---|------------------|---------------------|
| | 07 and 09 models | 12 or larger models |
| Standard | 2,700 | |
| High ceiling | — | 3,000 |

3-way direction setting:



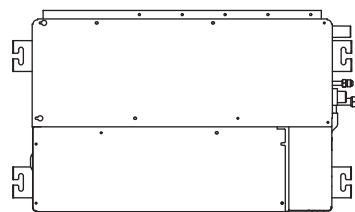
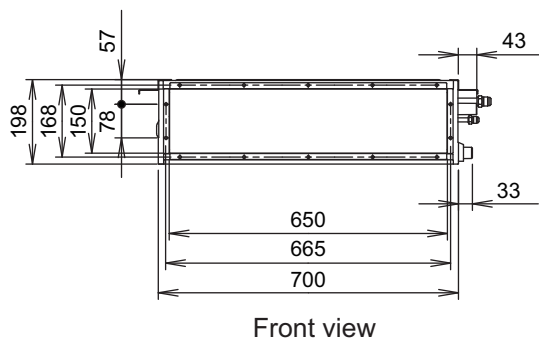
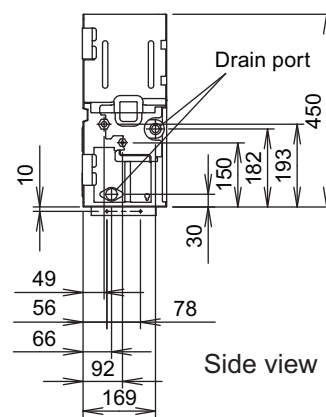
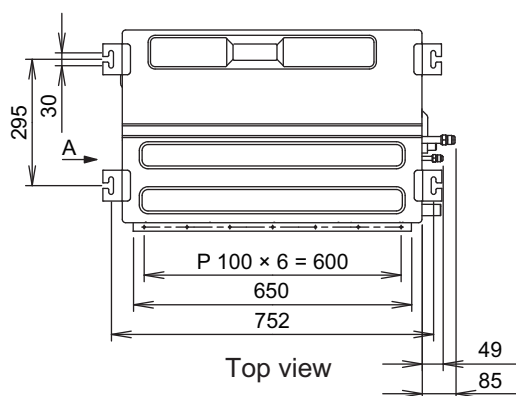
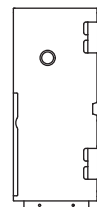
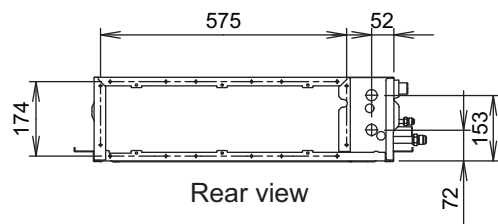
NOTES:

- To set "3-direction", optional Air outlet shutter plate (UTR-YDZB) must be installed, and the "outlet-direction" need to be switched to "3-way" by remote controller.
*When installing the indoor unit, be careful about the maintenance space.
- In 3-way outlet mode, changing of ceiling height setting by function setting 20 is prohibited.
(Ceiling height setting [function setting 20] is allowed to be changed only in 4-way outlet mode.)

2-2. Mini duct type

■ Models: ARXG07KSLAP, ARXG09KSLAP, ARXG12KSLAP, and ARXG14KSLAP

Unit: mm

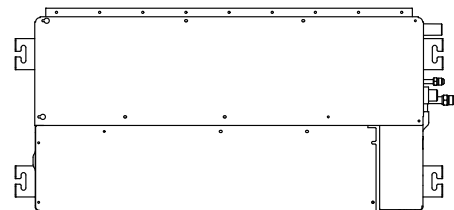
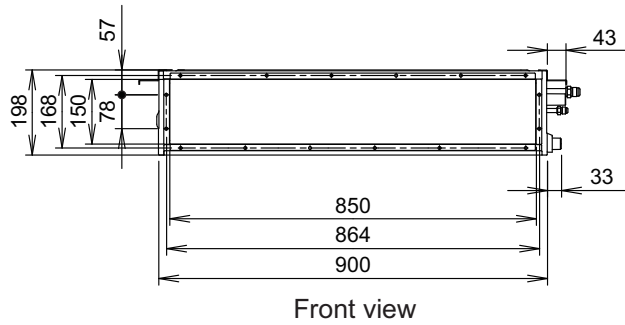
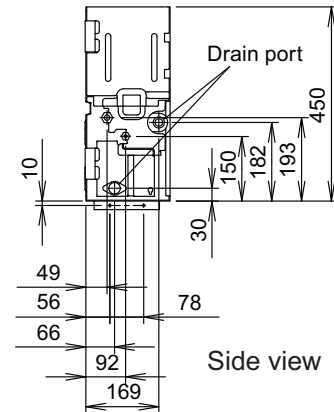
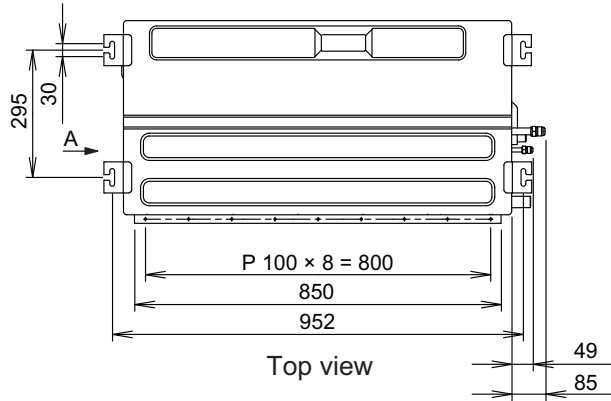
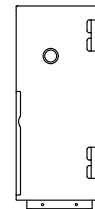
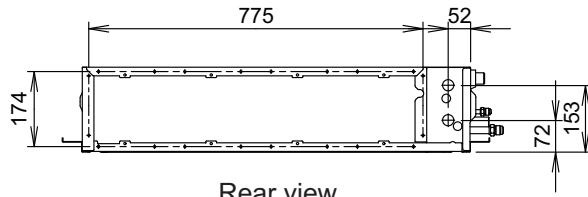


■ Model: ARXG18KSLAP

Unit: mm

GENERAL INFORMATION

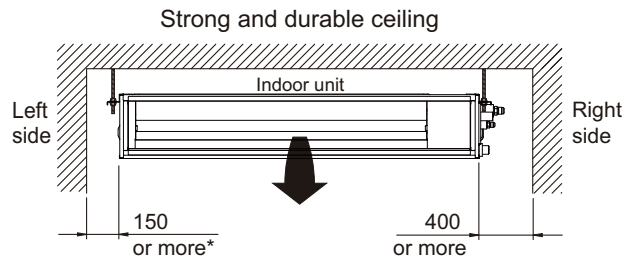
GENERAL INFORMATION



● Installation space requirement

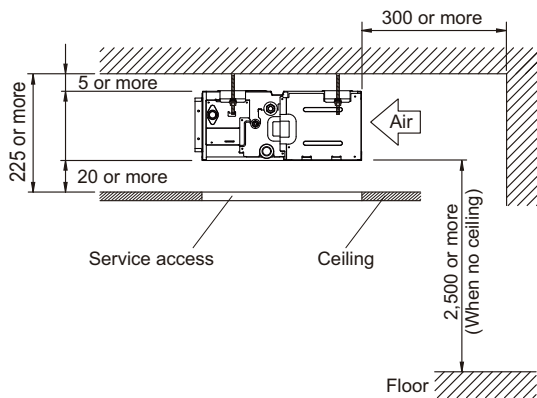
Provide sufficient installation space for product safety.

Unit: mm

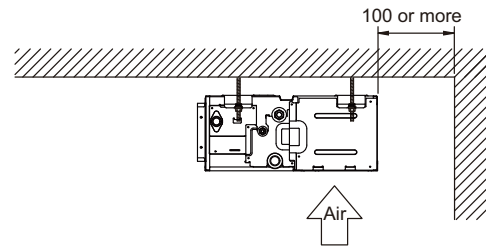


*: 400 or more when drain from drain pipe

- When intaking air from back:



- When intaking air from bottom:

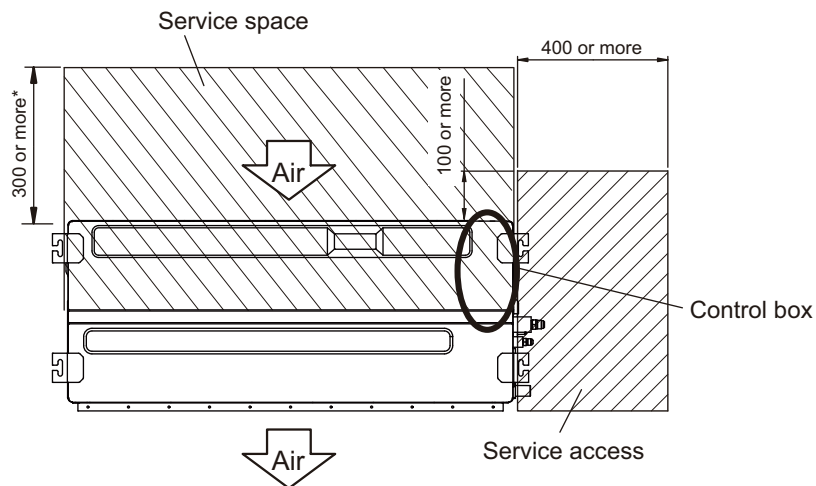


● Maintenance space requirement

For future maintenance and service access, provide sufficient maintenance space.

NOTE: Do not place any wiring or illumination in the maintenance space, as they will impede service.

Unit: mm



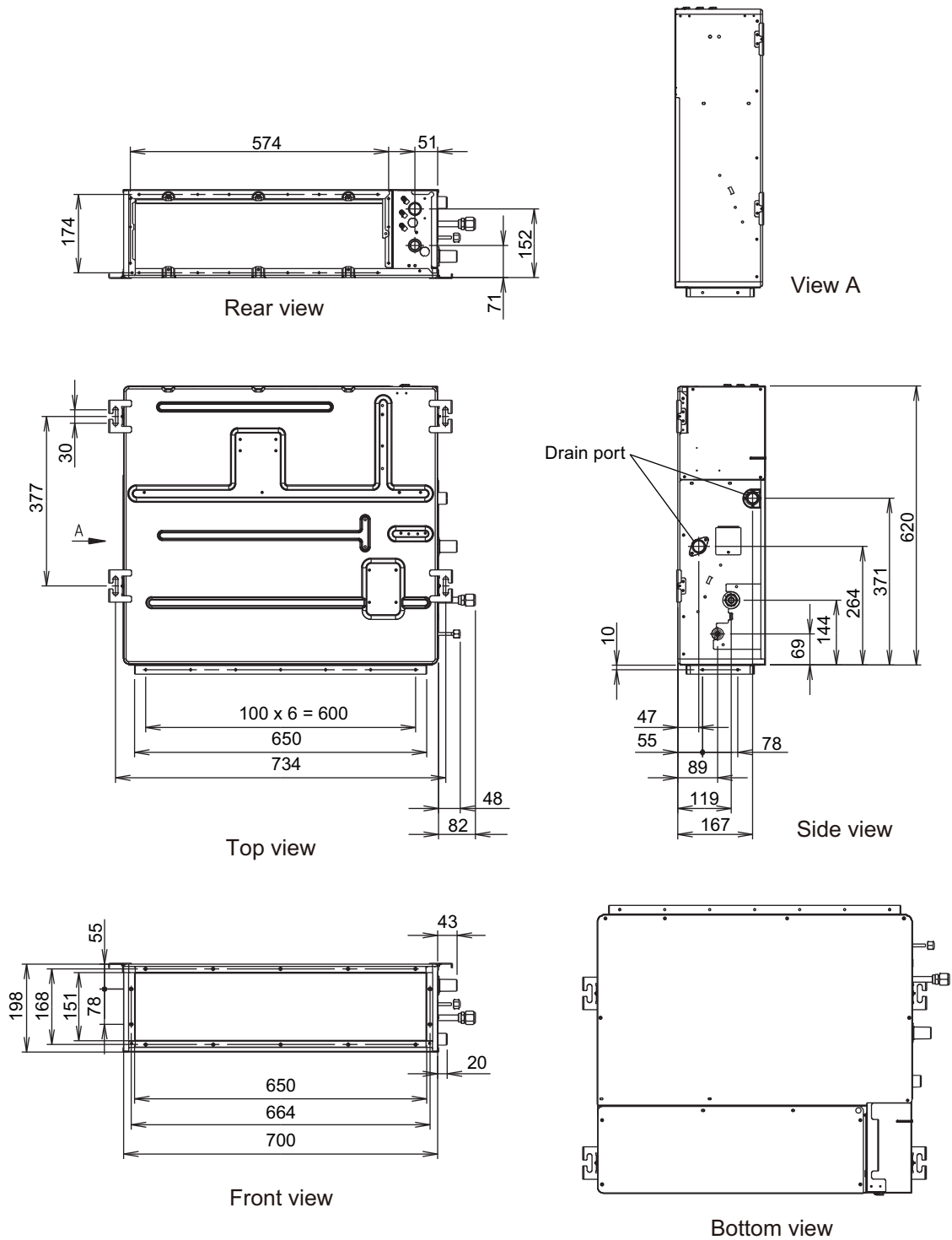
*: More than 100 when intaking air from bottom

Top view

2-3. Slim duct type

■ Models: ARXG07KLLAP, ARXG09KLLAP, ARXG12KLLAP, and ARXG14KLLAP

Unit: mm

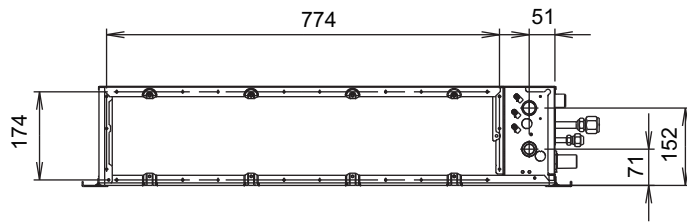


■ Model: ARXG18KLLAP

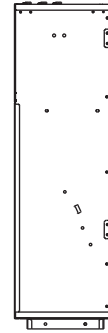
Unit: mm

GENERAL INFORMATION

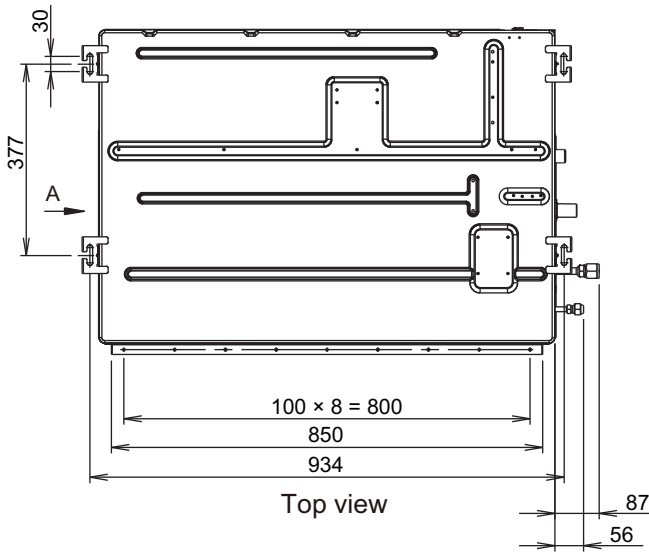
GENERAL INFORMATION



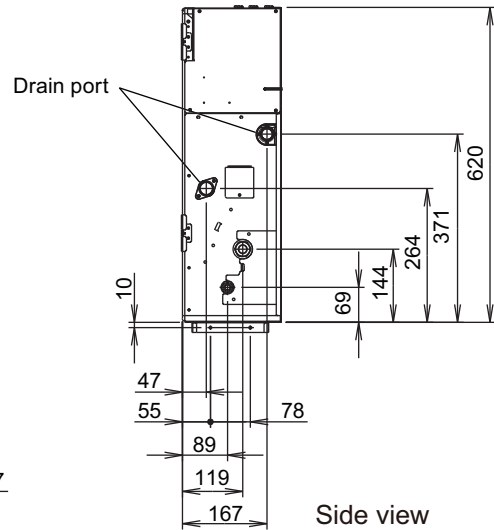
Rear view



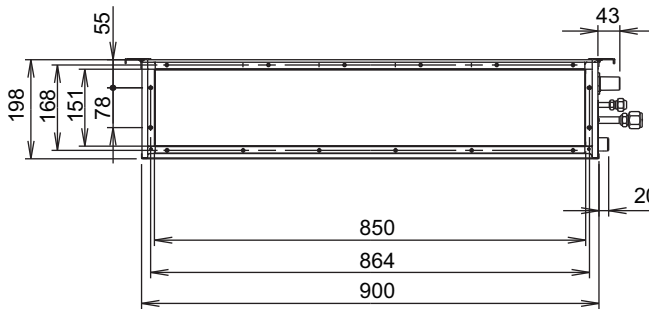
View A



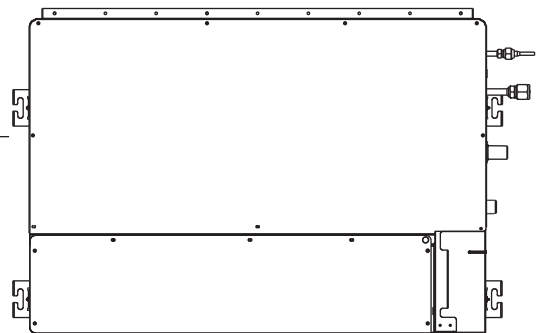
Top view



Side view



Front view

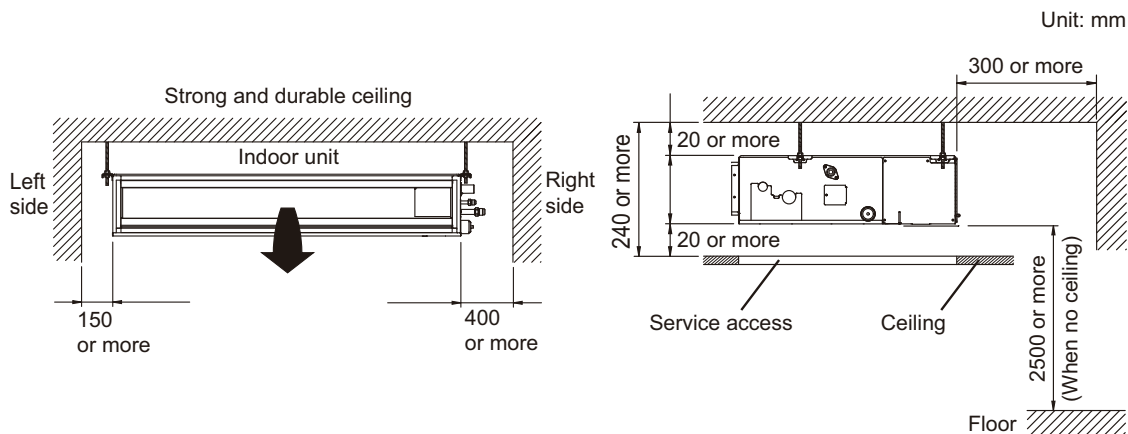


Bottom view

● Installation space requirement

Provide sufficient installation space for product safety.

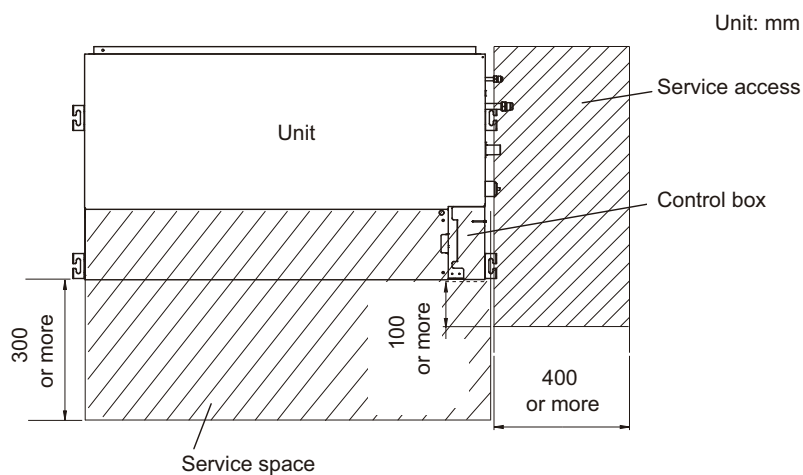
In ceiling-concealed installations:



● Maintenance space requirement

For future maintenance and service access, provide sufficient maintenance space.

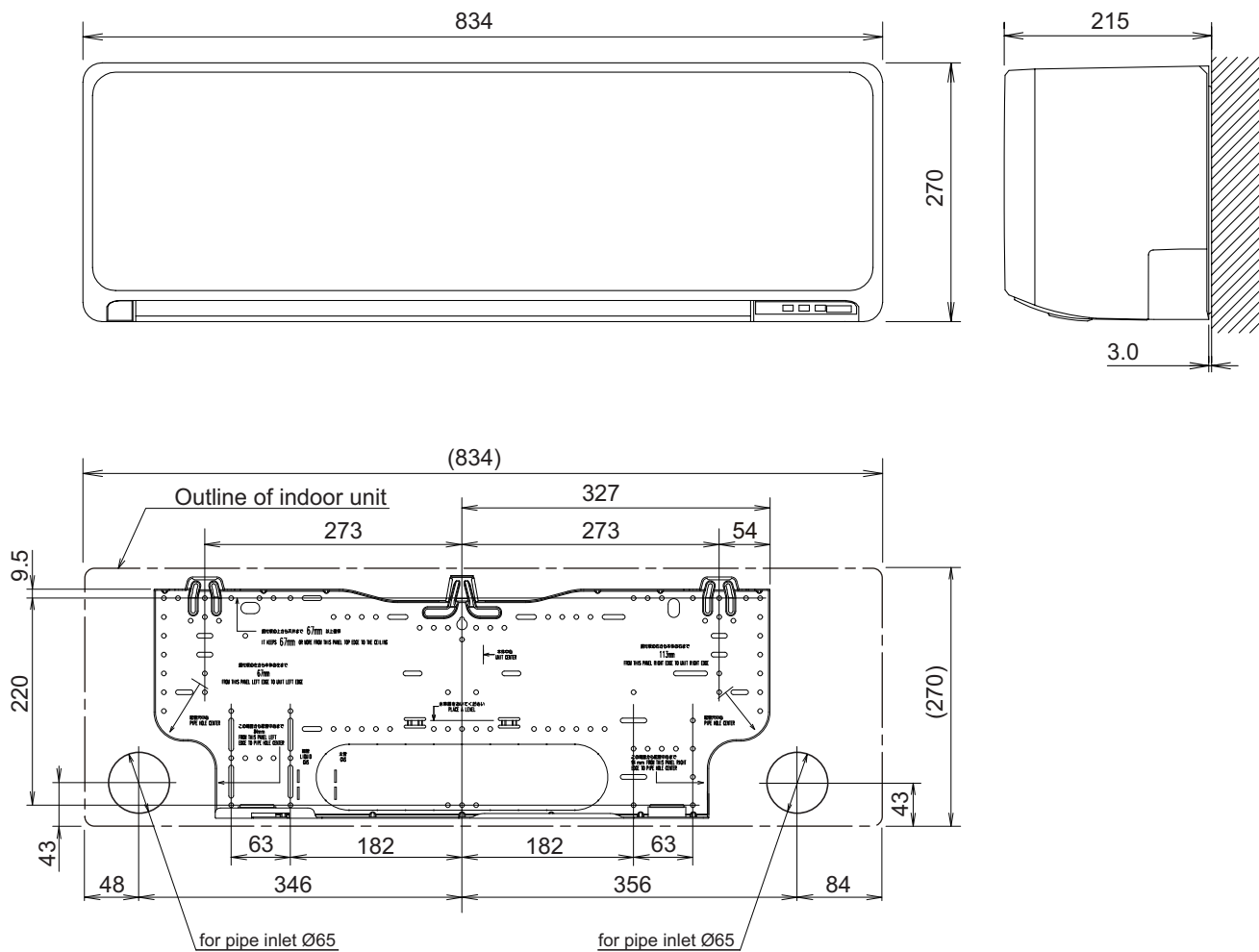
NOTE: Do not place any wiring or illumination in the maintenance space, as they will impede service.



2-4. Wall mounted type

■ Models: ASYG07KGTB, ASYG09KGTB, ASYG12KGTB, and ASYG14KGTB

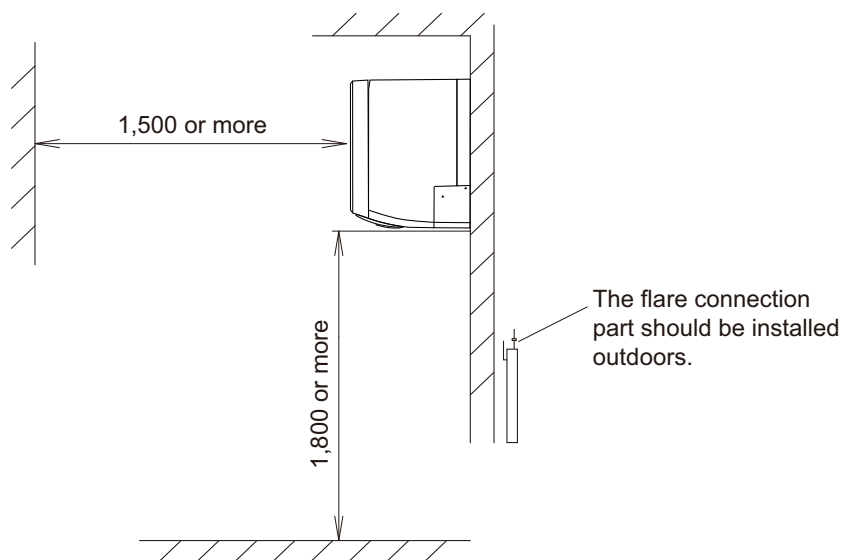
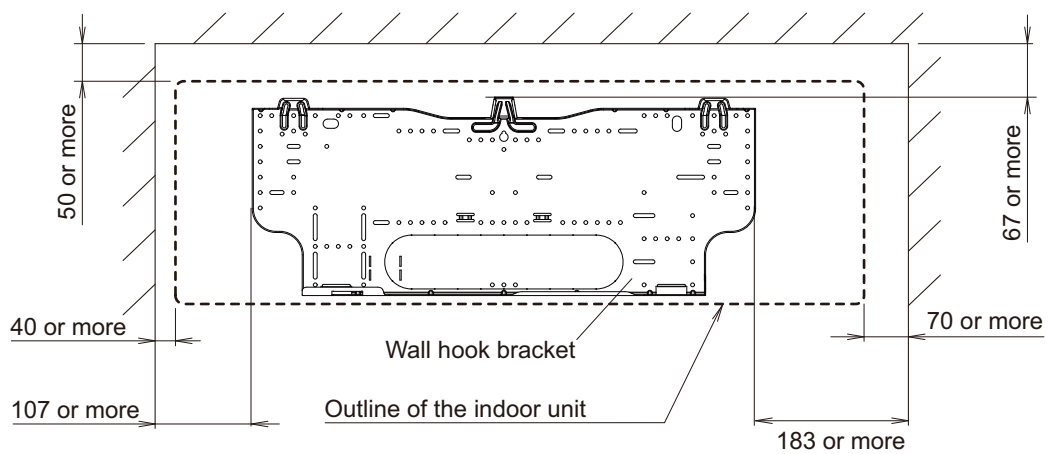
Unit: mm



● Installation space requirement

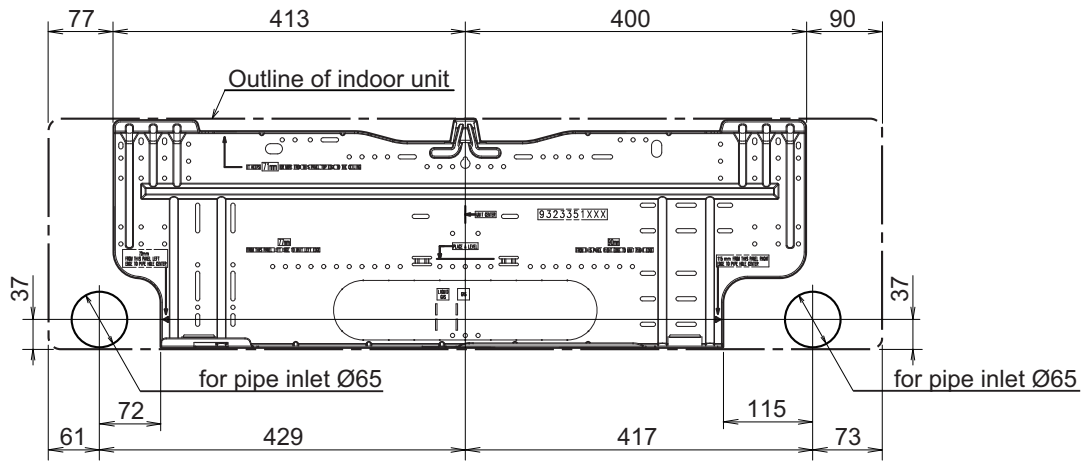
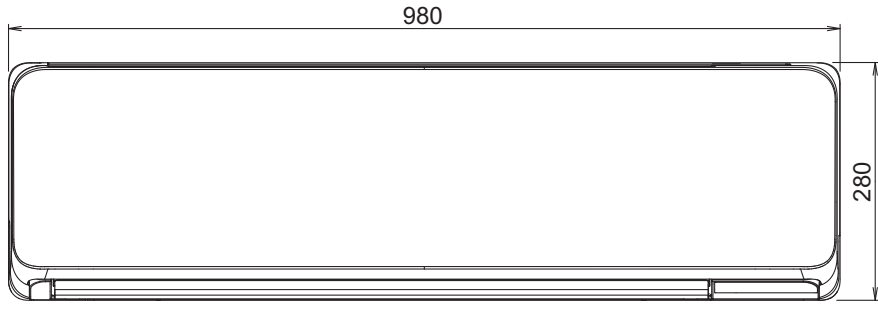
Provide sufficient installation space for product safety.

Unit: mm



■ Model: ASYG18KMTB

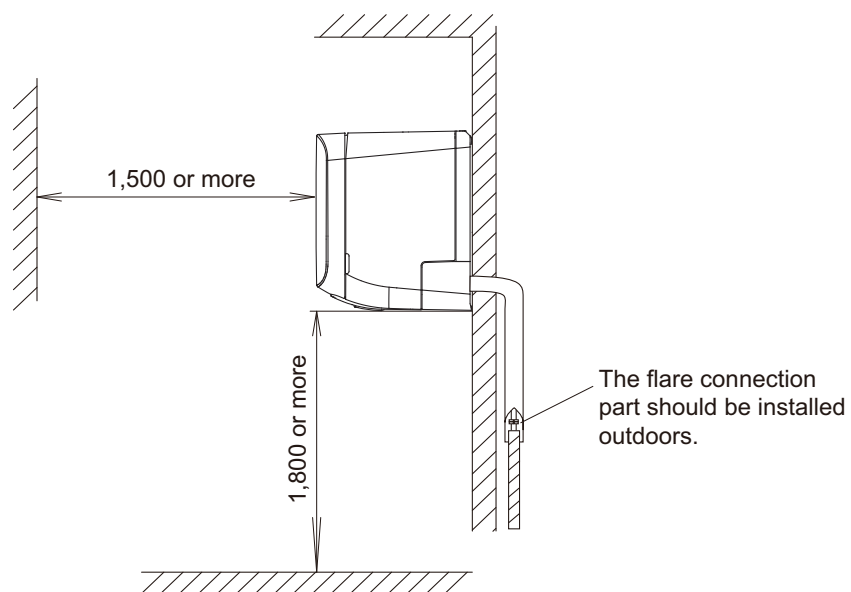
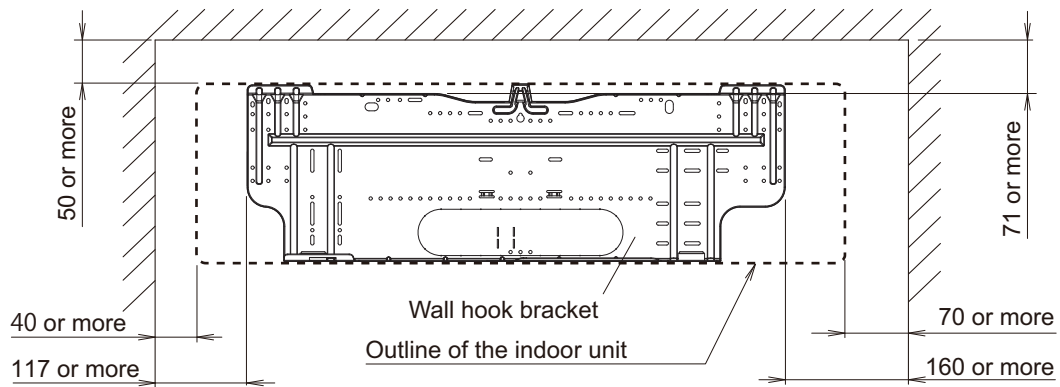
Unit: mm



● Installation space requirement

Provide sufficient installation space for product safety.

Unit: mm

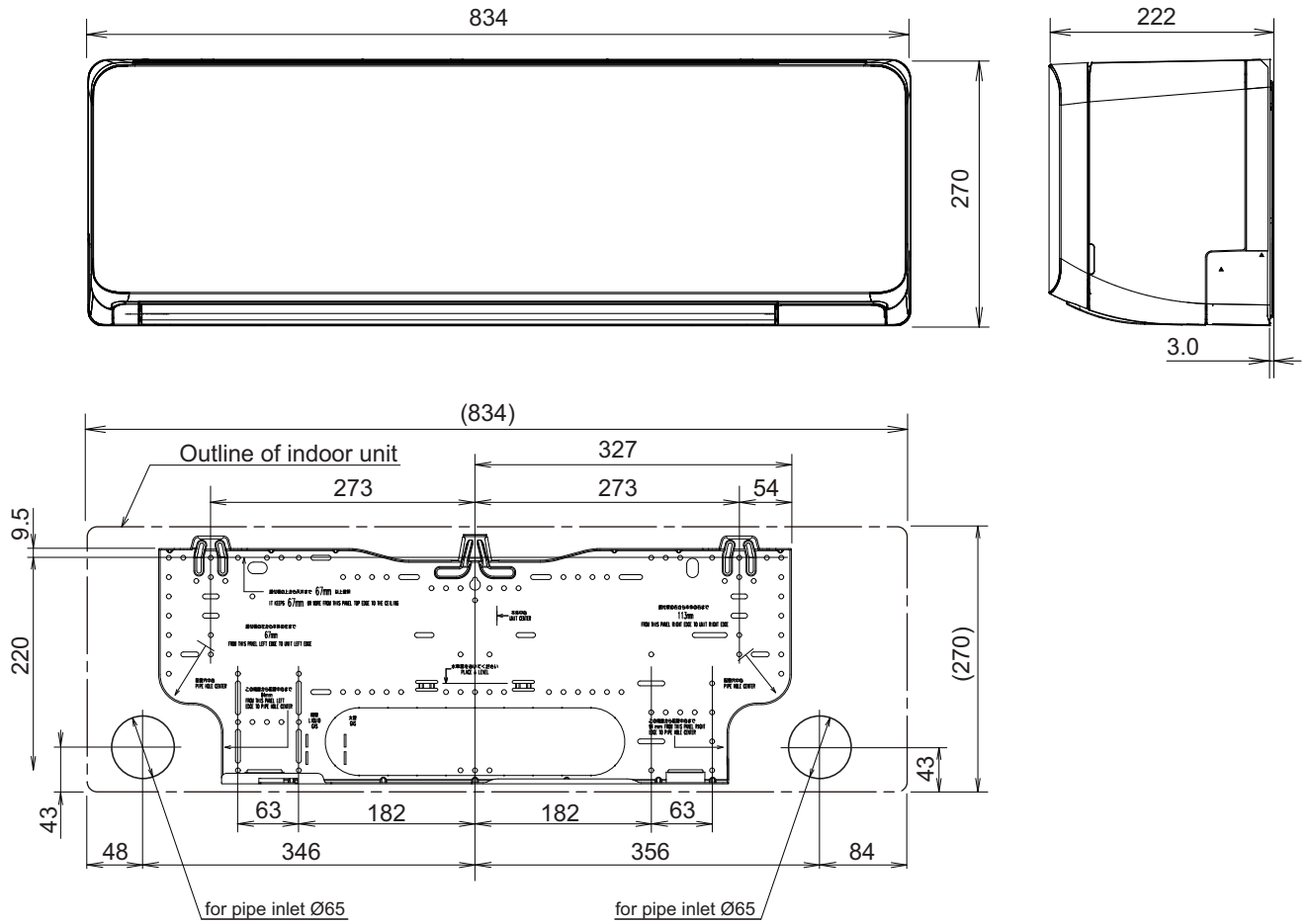


■ Models: ASYG07KMCC, ASYG09KMCC, ASYG12KMCC, and ASYG14KMCC

Unit: mm

GENERAL INFORMATION

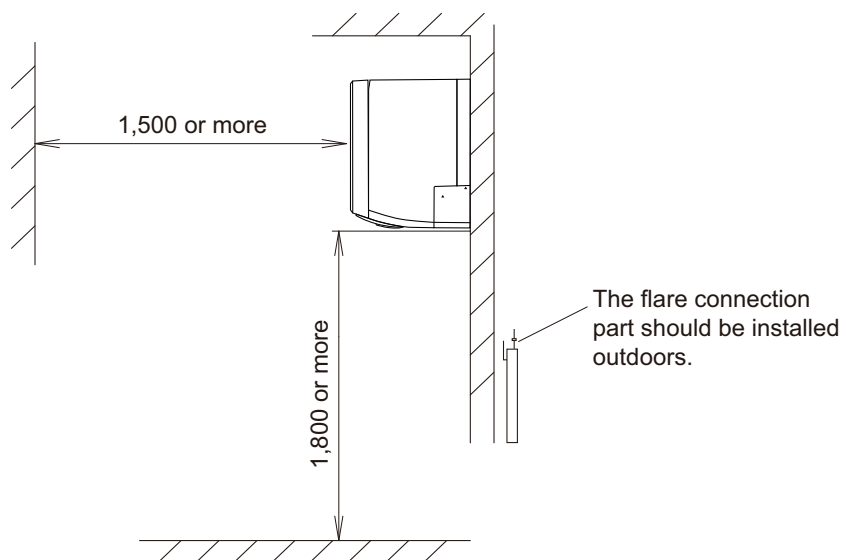
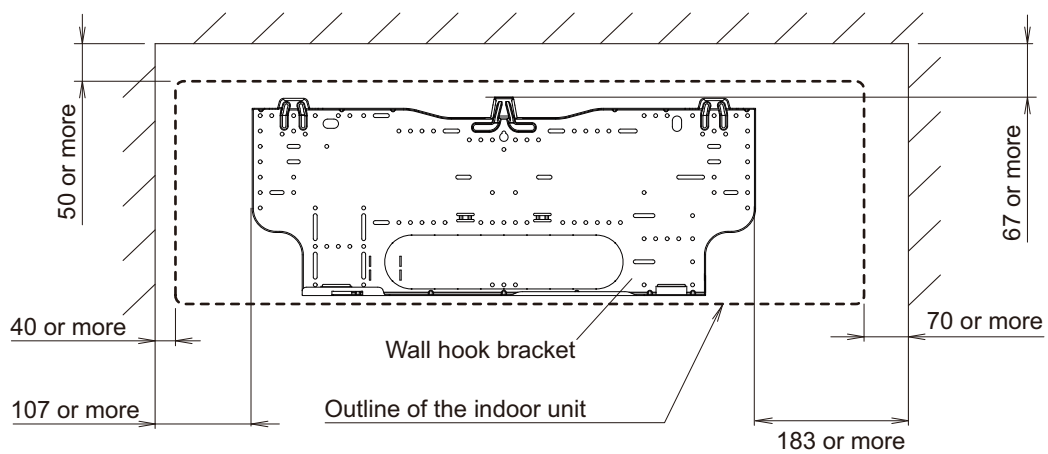
GENERAL INFORMATION



● Installation space requirement

Provide sufficient installation space for product safety.

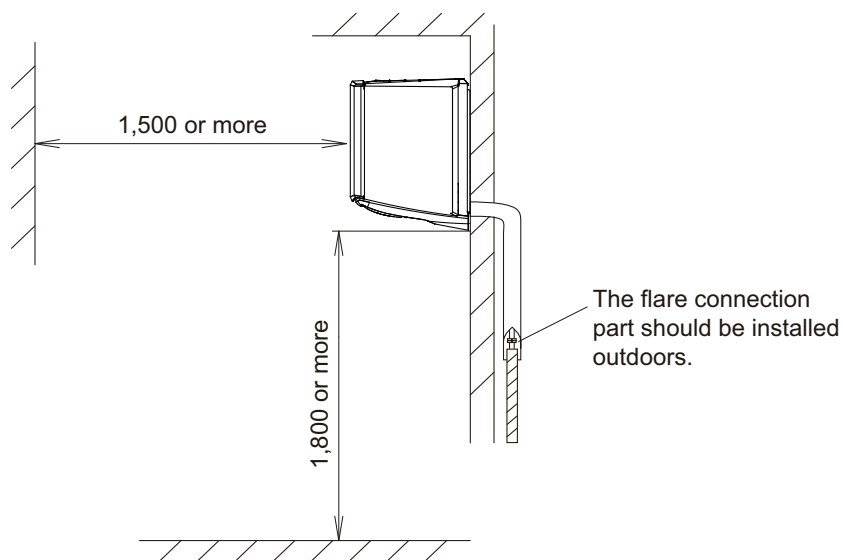
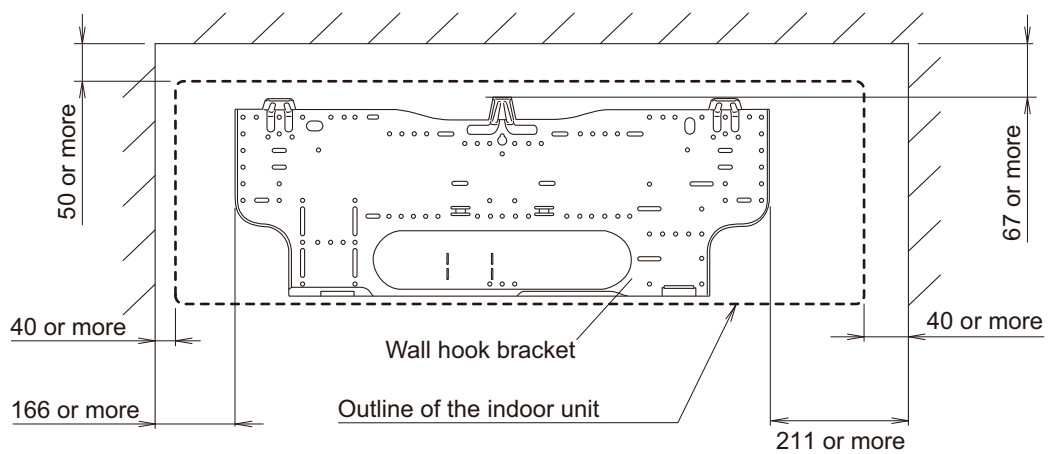
Unit: mm



● Installation space requirement

Provide sufficient installation space for product safety.

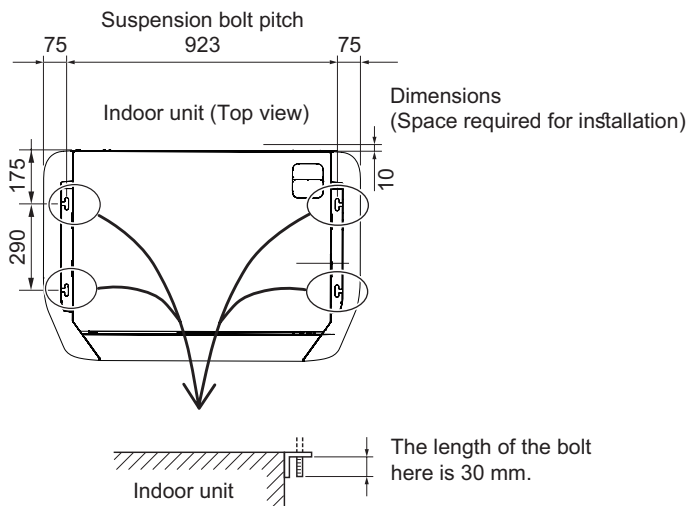
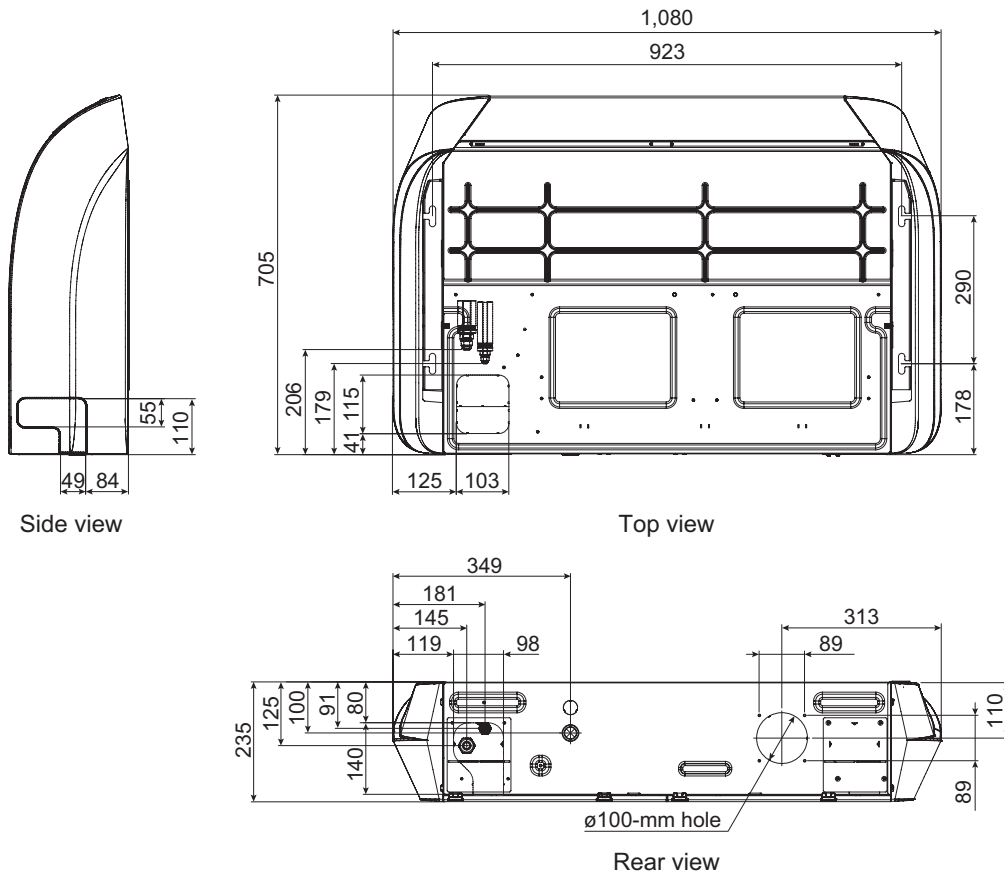
Unit: mm



2-5. Ceiling type

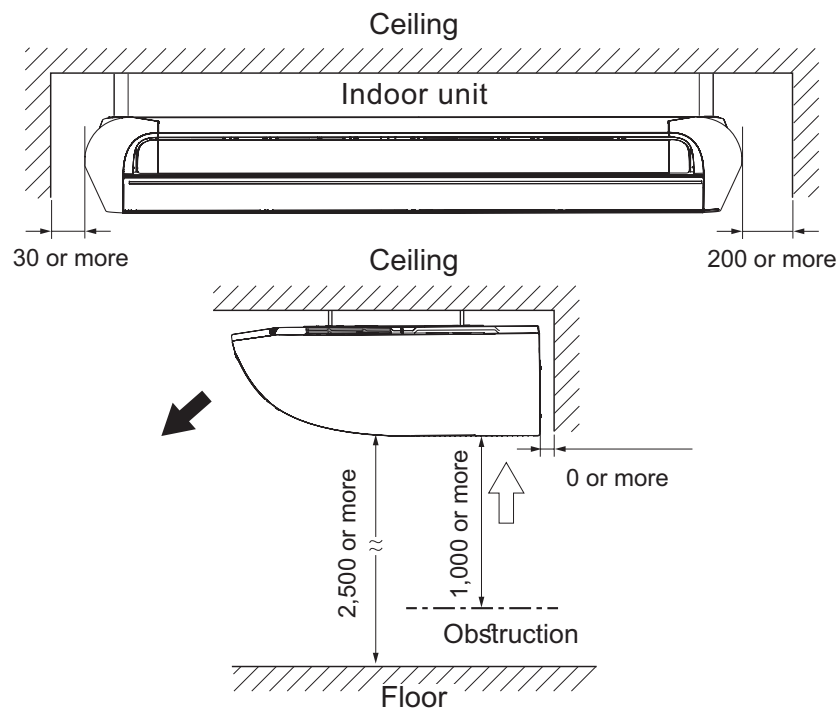
■ Model: ABYG18KRTA

Unit: mm



■ Installation space requirement

Unit: mm



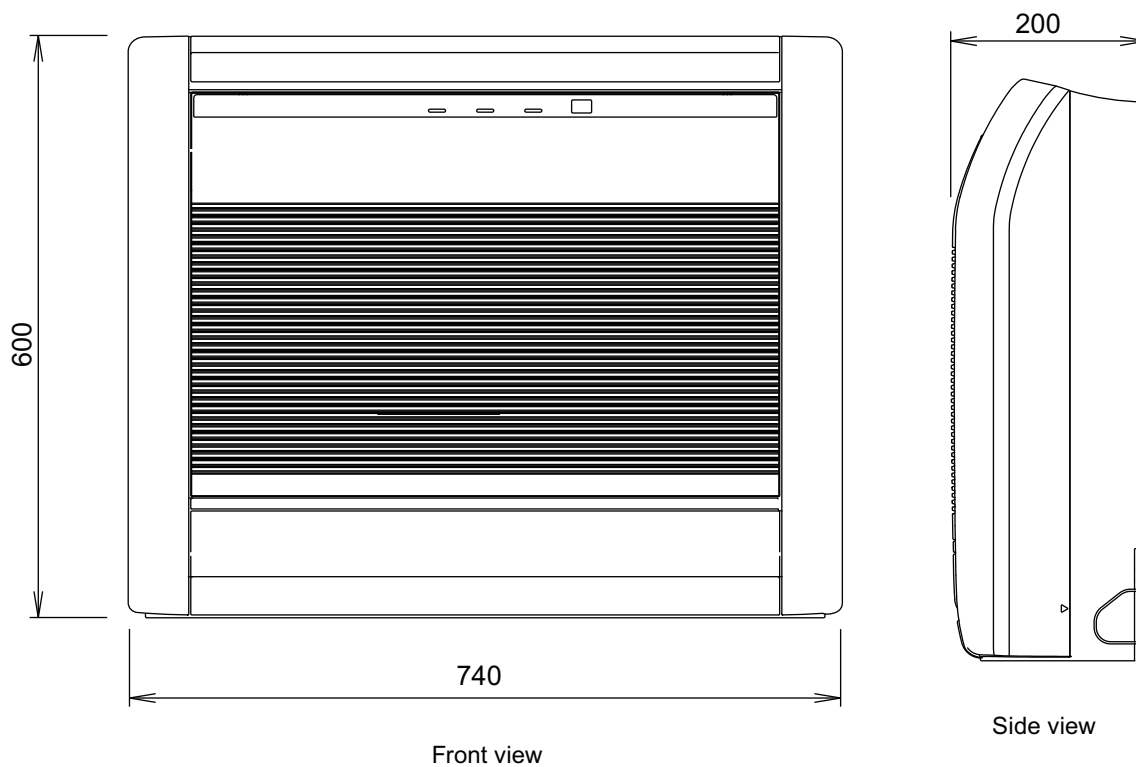
Required ceiling height varies according to the ceiling mode setting of function setting No. 20.

| Ceiling height (m) | | |
|--------------------|----------|--------------|
| Ceiling mode | Standard | High ceiling |
| 18 model | 2.7 | 3.5 |

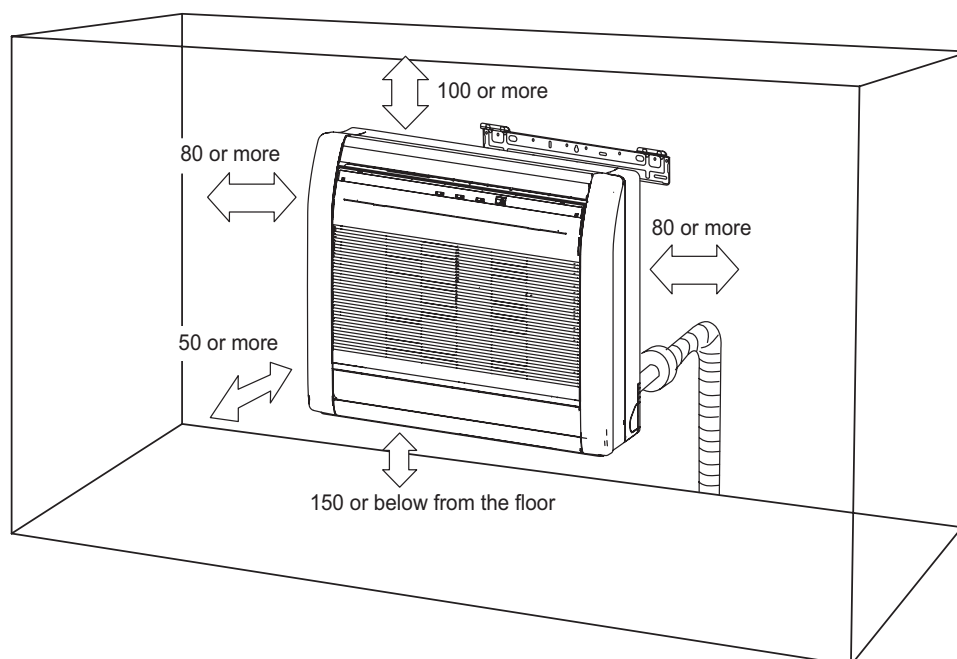
2-6. Floor type

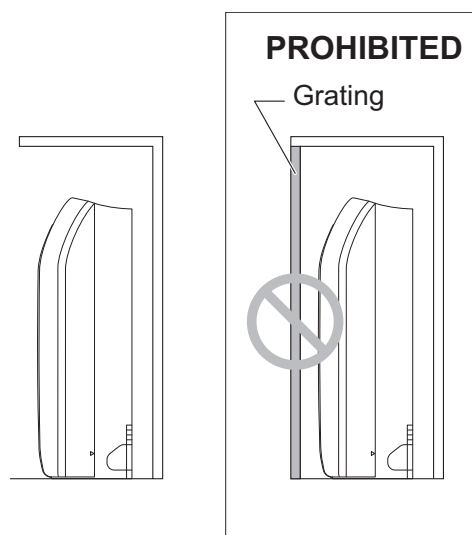
■ Models: AGYG09KVCA, AGYG12KVCA, and AGYG14KVCA

Unit: mm



● Installation space





⚠ WARNING

- The appliance shall be installed, operated and stored in a room with a floor area larger than X m².

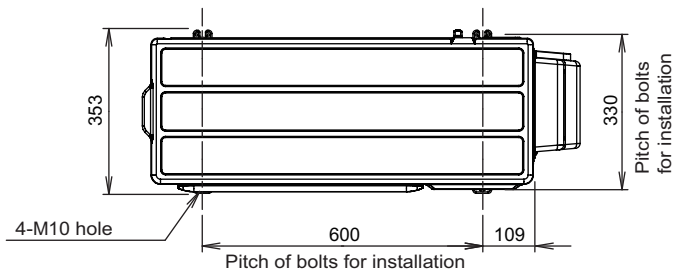
| Amount of refrigerant charge M (kg) | Minimum room area X (m ²) |
|--|--|
| $M \leq 1.22$ | - |
| $1.22 < M \leq 1.23$ | 12.99 |
| $1.23 < M \leq 1.50$ | 19.31 |
| $1.50 < M \leq 1.75$ | 26.28 |
| $1.75 < M \leq 2.0$ | 34.33 |
| $2.0 < M \leq 2.5$ | 53.63 |
| $2.5 < M \leq 3.0$ | 77.23 |
| $3.0 < M \leq 3.5$ | 105.12 |
| $3.5 < M \leq 4.0$ | 137.29 |

(IEC 60335-2-40)

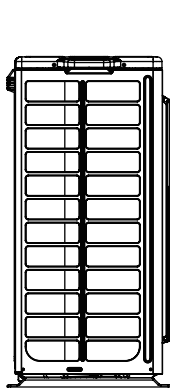
2-7. Outdoor unit

■ Models: AOYG18KBTA3 and AOYG24KBTA3

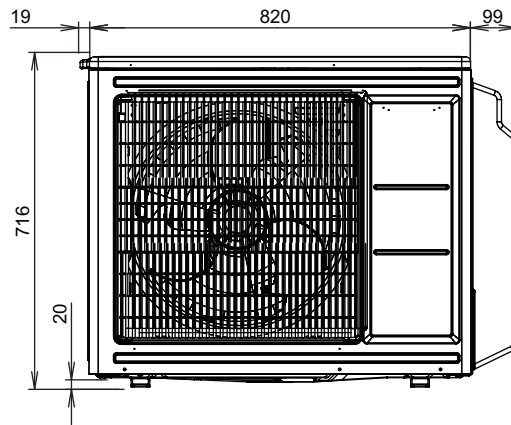
Unit: mm



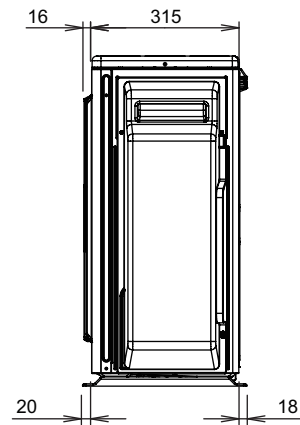
Top view



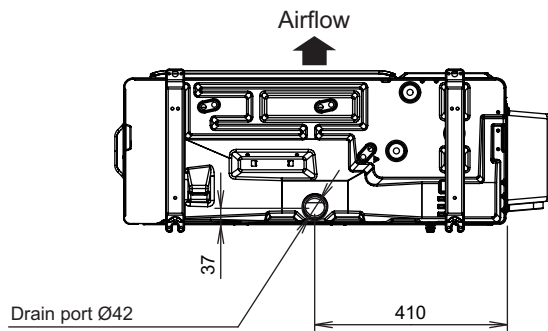
Side view



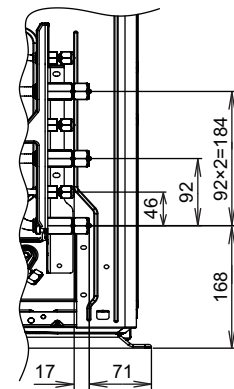
Front view



Side view



Bottom view



Side view (Valve part)

2. TECHNICAL DATA AND PARTS LIST

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2. TECHNICAL DATA AND PARTS LIST

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1. Precautions

When you start servicing, pay attention to the following points. For detailed precautions, refer to the installation manual of the products.

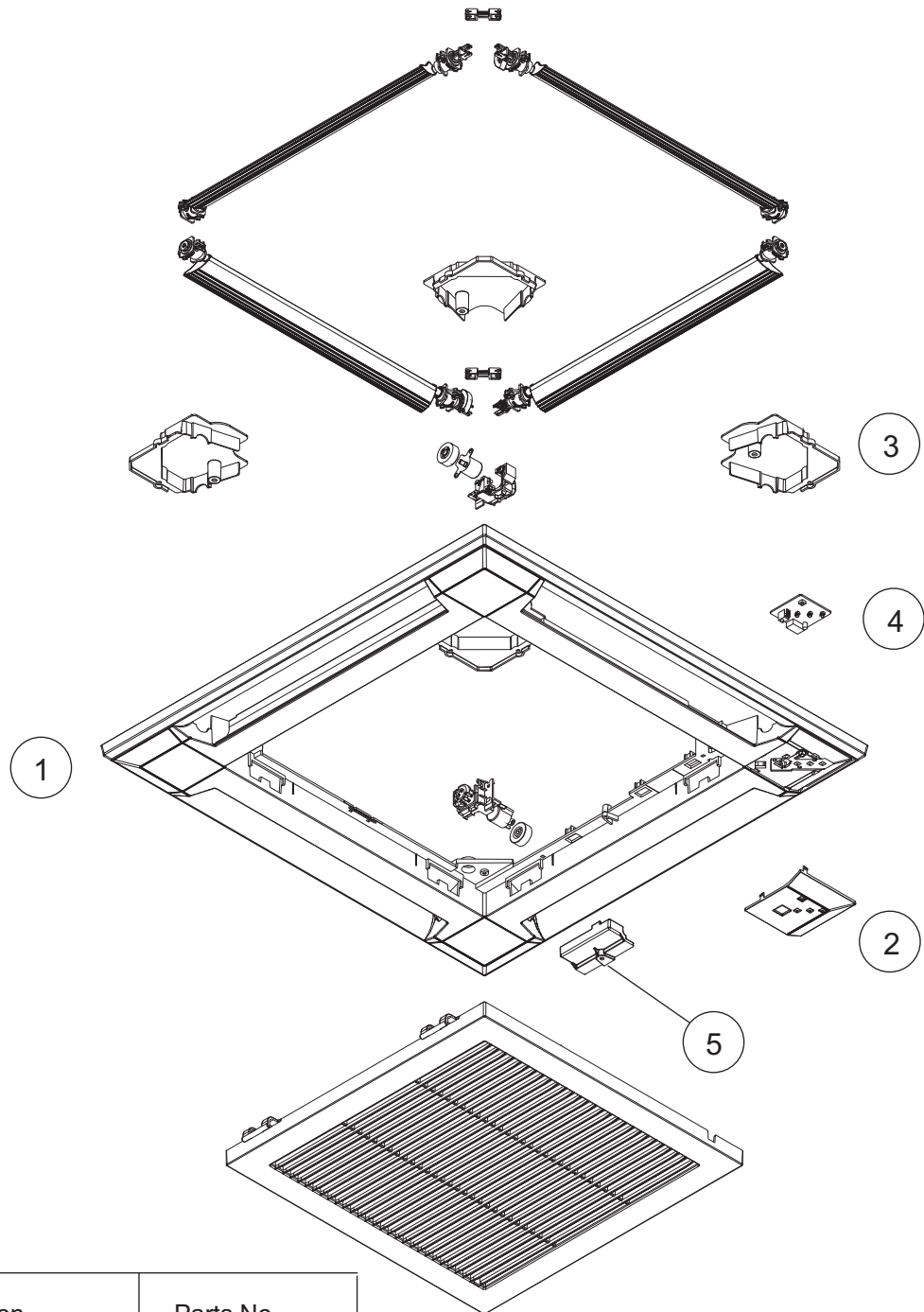
⚠ CAUTION

-
- Service personnel
 - Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
 - Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
 - Servicing shall be performed only as recommended by the manufacturer.
 - Work
 - Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. When repairing the refrigerant system, refer to the precautions written in the installation manual of the products before you start servicing.
 - Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapor being present while the work is being performed.
 - All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out.
 - Work in confined spaces shall be avoided.
 - The area around the workspace shall be sectioned off.
 - Ensure that the conditions within the area have been made safe by control of flammable material.
 - Electric shock may occur. After turning off the power, always wait 5 minutes before touching electrical components.
 - Do not touch the fins of the heat exchanger. Touching the heat exchanger fins could result in damage to the fins or personal injury such as skin rupture.
 - Do not place any other electrical products or household belongings under the product.
 - Condensation dripping from the product might get them wet, and may cause damage or malfunction to the property.
 - Checking for presence of refrigerant
 - The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres.
 - Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.
-
- Service parts information and design are subject to change without notice for product improvement.
 - For the latest information of the service parts, refer to our Service Portal.
<https://fujitsu-general.force.com/portal/>
 - Precise figure of the service parts listed in this manual may differ from the actual service parts.

2. Cassette grille (optional part) parts list

2-1. Model: UTG-UFYF-W

■ Panels

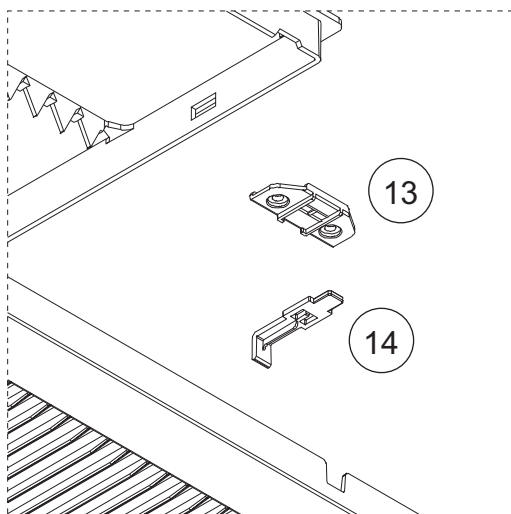
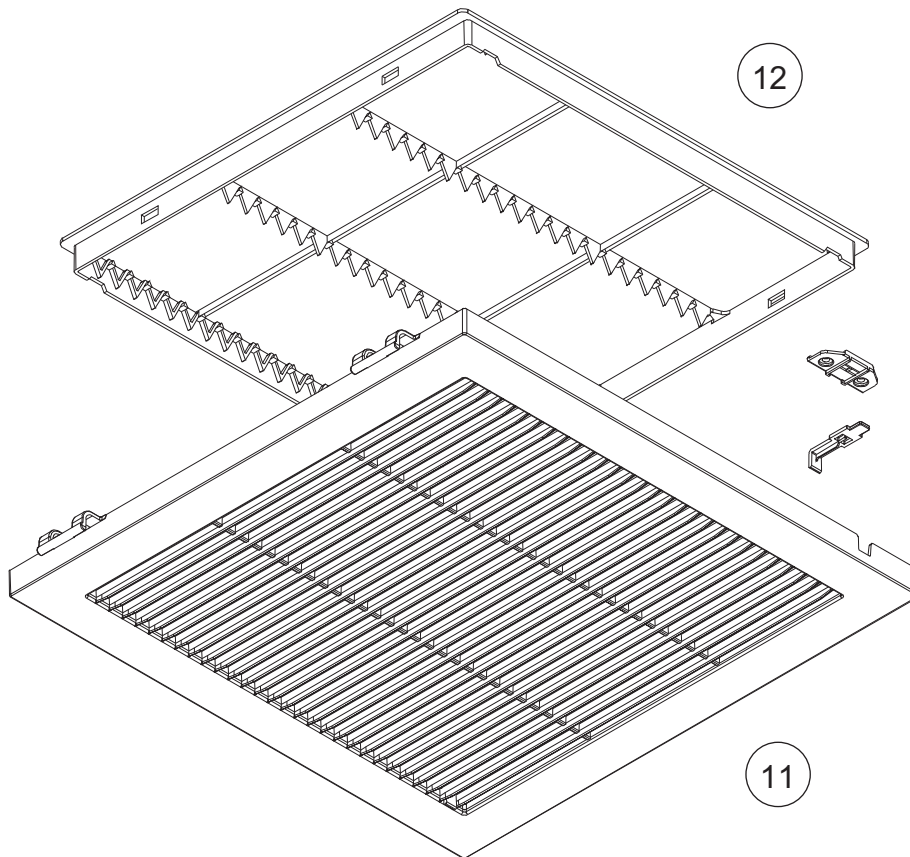


| Ref | Description | Parts No. |
|-----|---|------------|
| 1 | Decoration Panel without Insulations | 9382821005 |
| 2 | Display panel assy | 9383100031 |
| 3 | Panel Cover without Insulations | 9375530013 |
| 4 | Indicator PCB | 9711310002 |
| 5 | Connector Cover | 9375549015 |

■ Intake grille

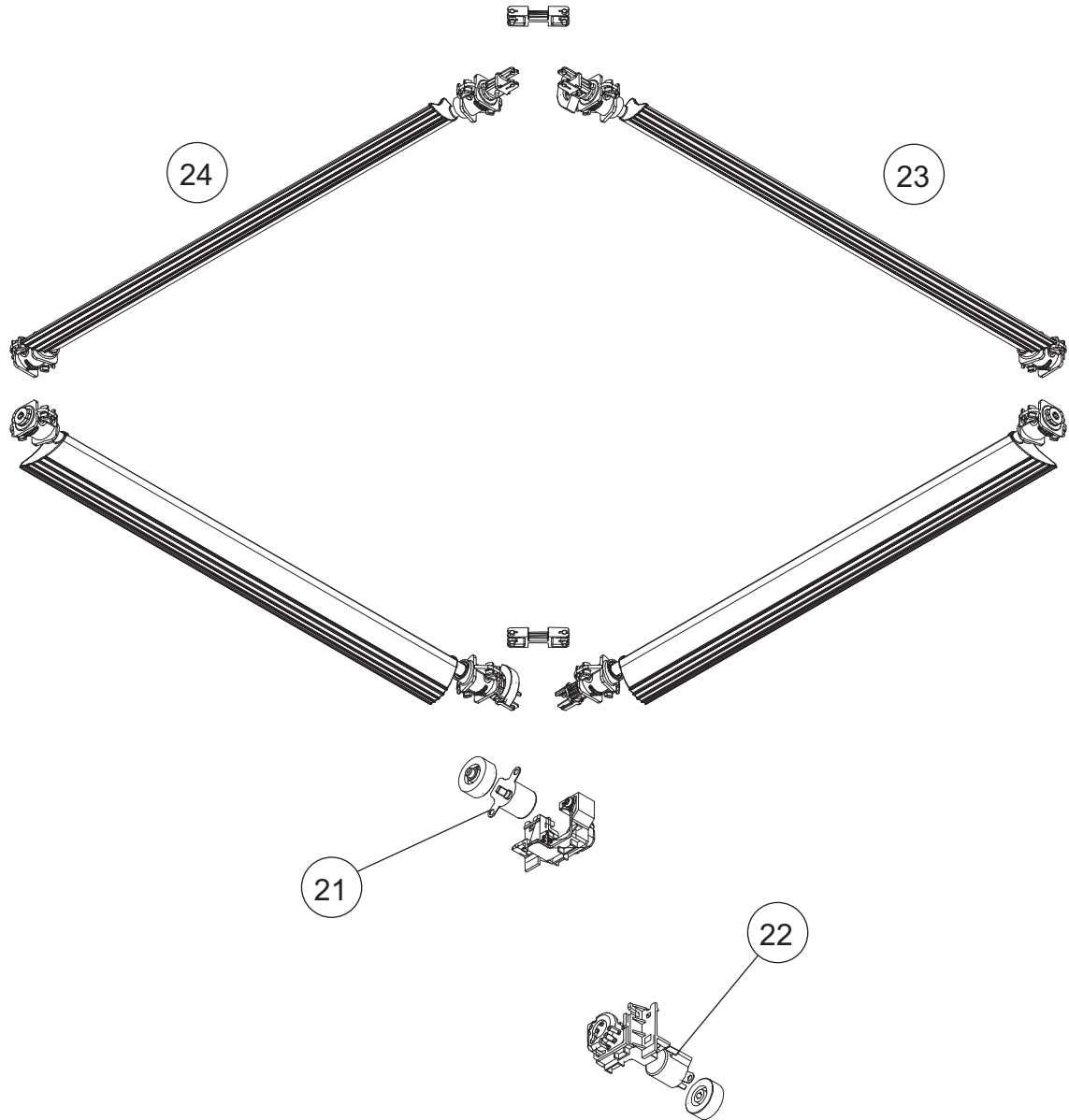
TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST



| Ref | Description | Parts No. |
|-----|------------------|------------|
| 11 | Intake grille | 9382863005 |
| 12 | Long Life Filter | 9375533014 |
| 13 | Hook bracket | 9375546014 |
| 14 | Grille hook | 9375532031 |

■ Louvers and motors

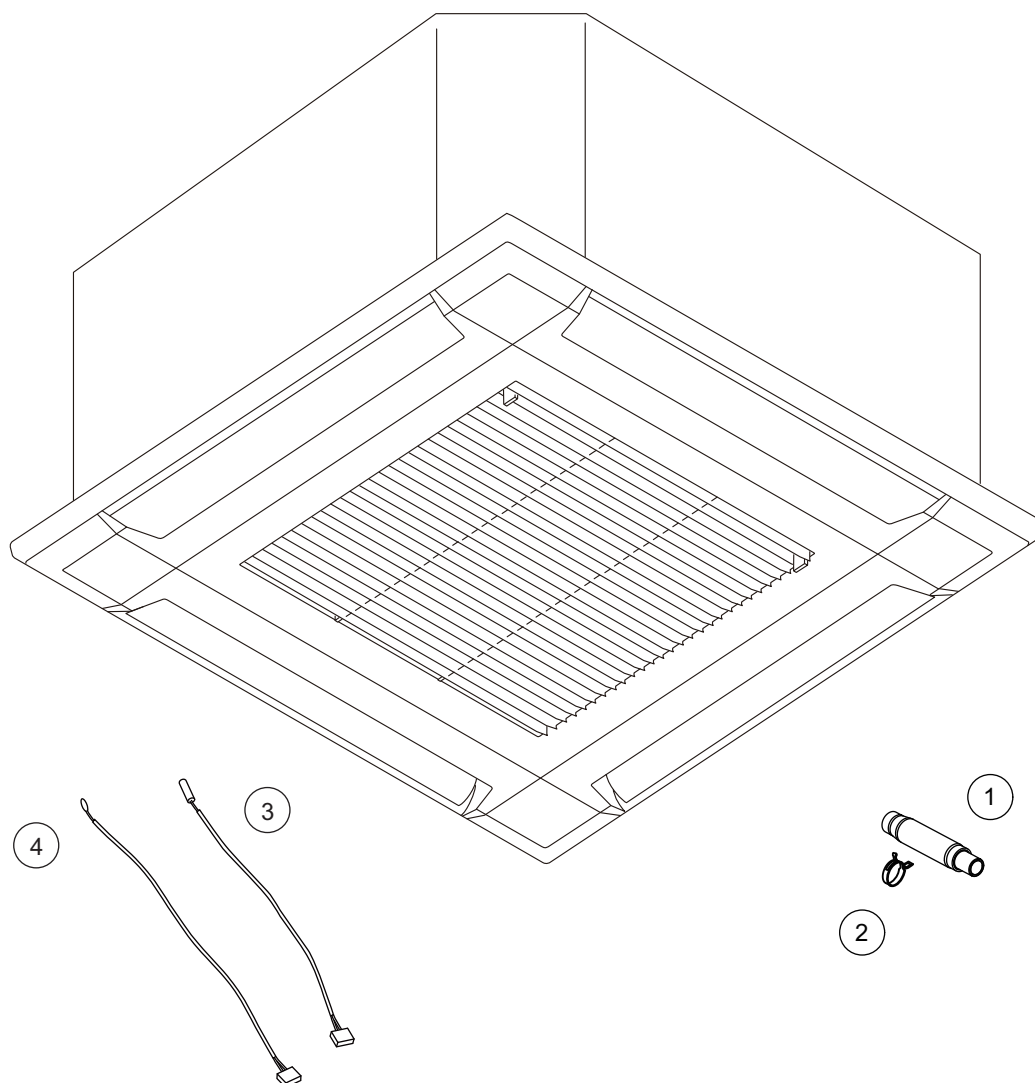


| Ref | Description | Parts No. |
|-----|------------------------------|------------|
| 21 | Step Motor (White connector) | 9900139070 |
| 22 | Step Motor (Red connector) | 9900139087 |
| 23 | Flap assy A | 9375727048 |
| 24 | Flap assy B | 9377759047 |

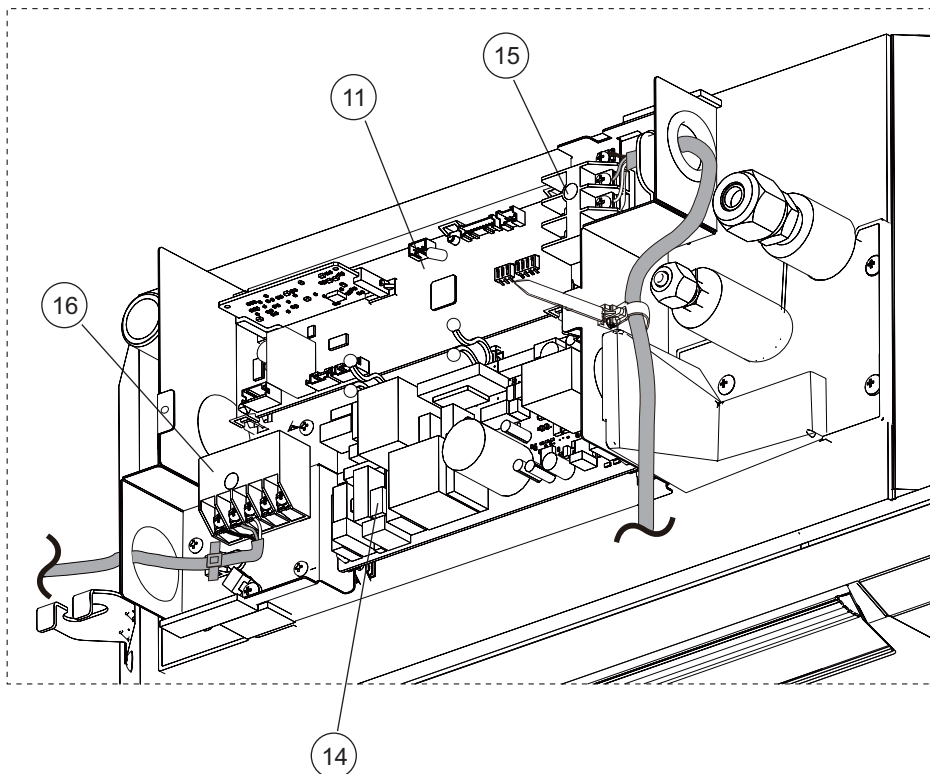
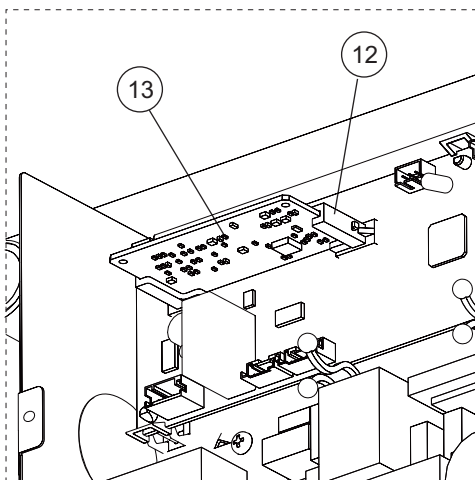
3. Indoor unit parts list

3-1. Compact cassette type

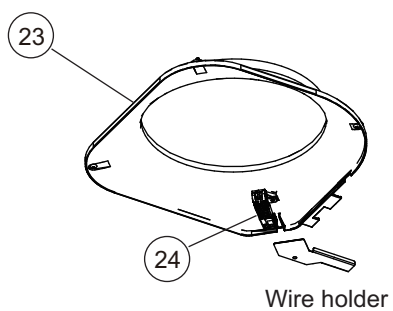
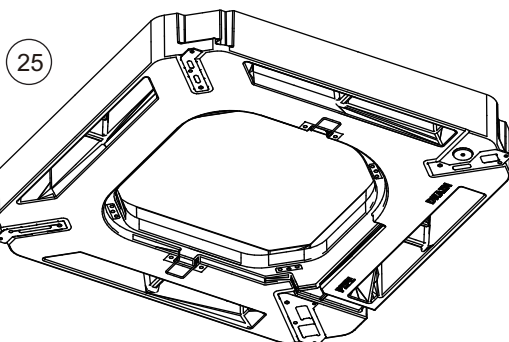
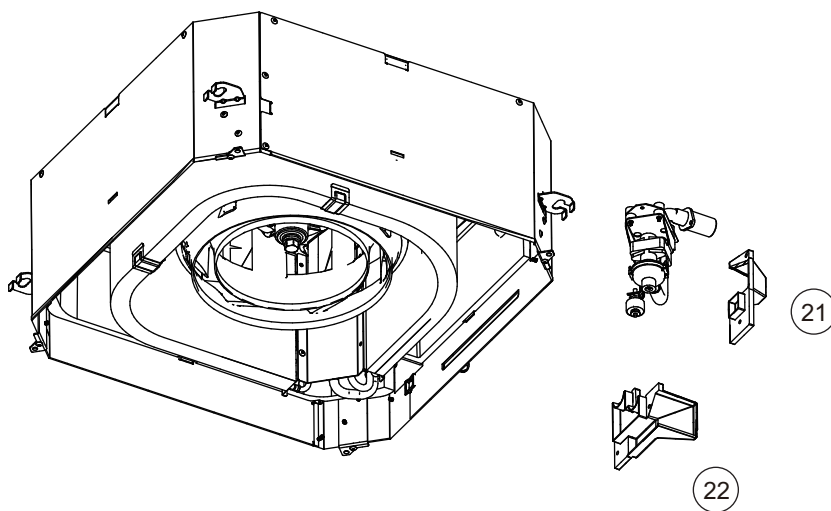
- Models: AUXG07KVLA, AUXG09KVLA, AUXG12KVLA, AUXG14KVLA, and AUXG18KVLA



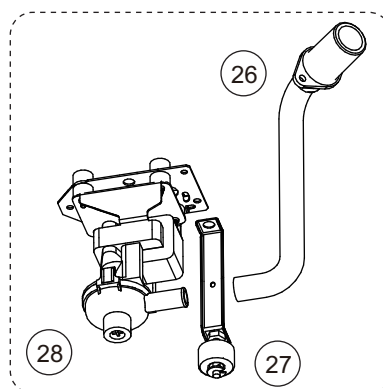
| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------|--------------|
| 1 | 9379665001 | Drain hose | ◆ |
| 2 | 9379757010 | Hose band | ◆ |
| 3 | 9900942038 | Pipe thermistor | ◆ |
| 4 | 9900826000 | Room thermistor | ◆ |



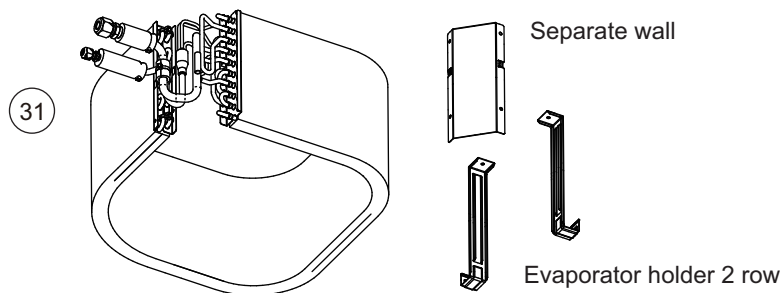
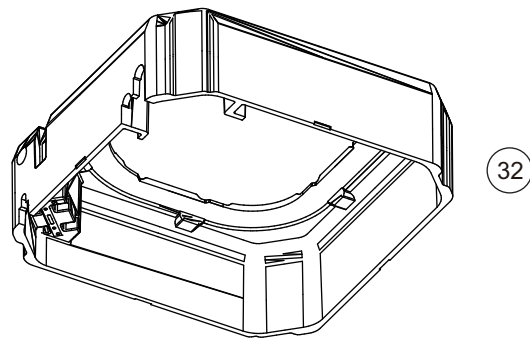
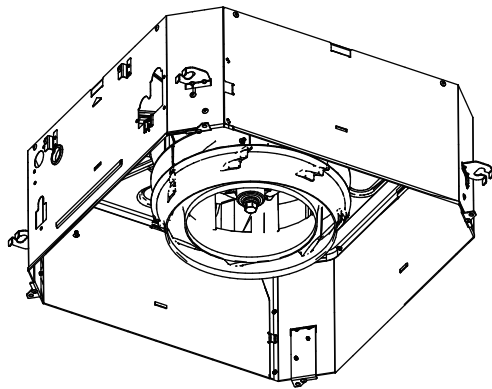
| Item no. | Part no. | Part name | Service part |
|----------|------------|-------------------------|--------------|
| 11 | 9710995965 | Main PCB (For 07 model) | ◆ |
| | 9710995743 | Main PCB (For 09 model) | ◆ |
| | 9710995750 | Main PCB (For 12 model) | ◆ |
| | 9710995705 | Main PCB (For 14 model) | ◆ |
| | 9710995767 | Main PCB (For 18 model) | ◆ |
| 12 | 0600063023 | Holder | ◆ |
| 13 | 9710019005 | Communication PCB | ◆ |
| 14 | 9710661006 | Power supply PCB | ◆ |
| 15 | 9900568009 | Terminal | ◆ |
| 16 | 9900896003 | Terminal | ◆ |



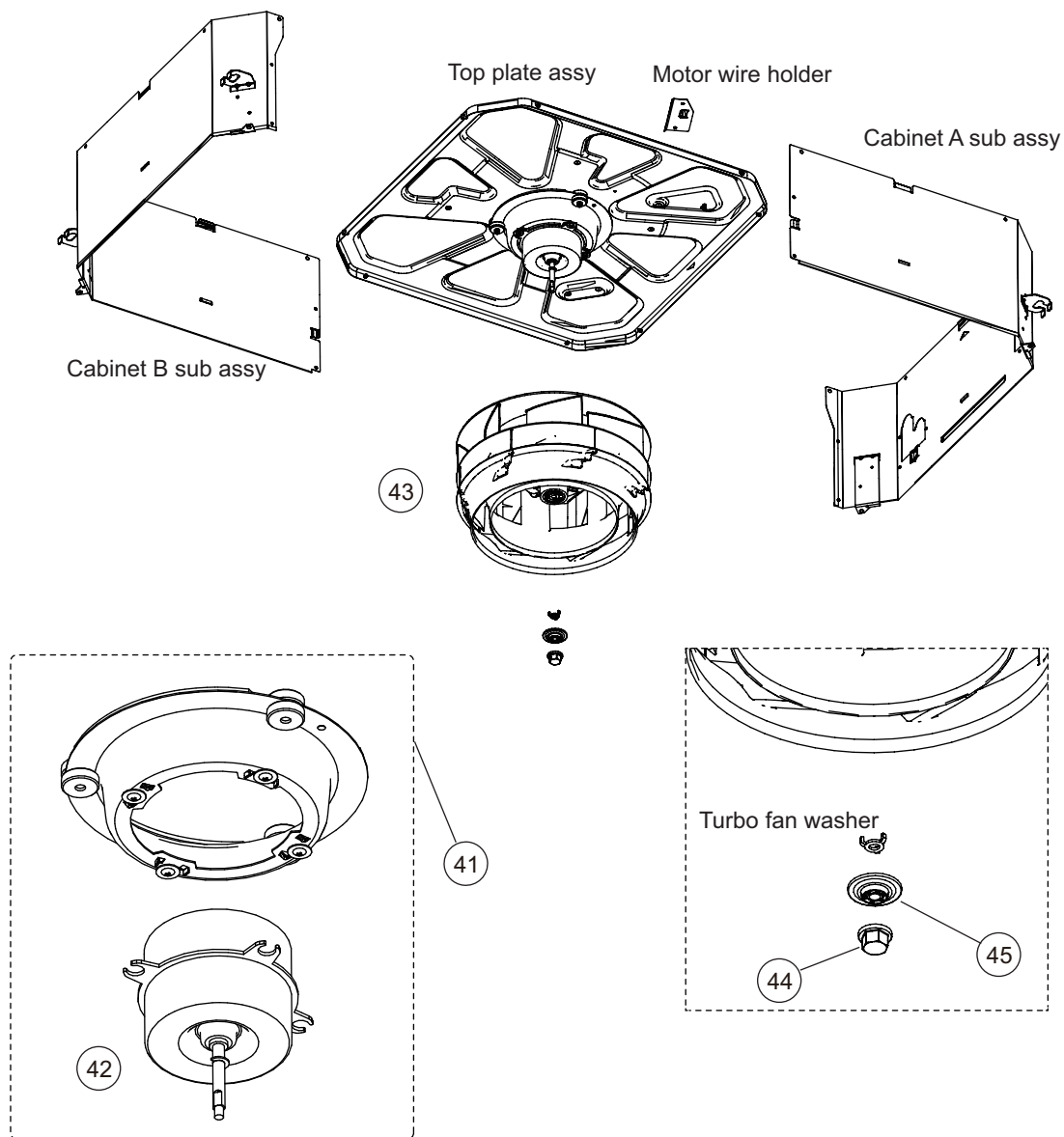
Wire holder



| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------------------------|--------------|
| 21 | 9375516017 | Wire cover | ◆ |
| 22 | 9375515010 | Pipe cover | ◆ |
| 23 | 9375503017 | Bell-mouth hood | ◆ |
| 24 | 9375477011 | Thermistor holder | ◆ |
| 25 | 9377765024 | Drain pan sub assy (For 18 model) | ◆ |
| 26 | 9375718015 | Drain port sub assy | ◆ |
| 27 | 9375721046 | Float switch sub assy | ◆ |
| 28 | 9375717025 | Drain pump sub assy | ◆ |



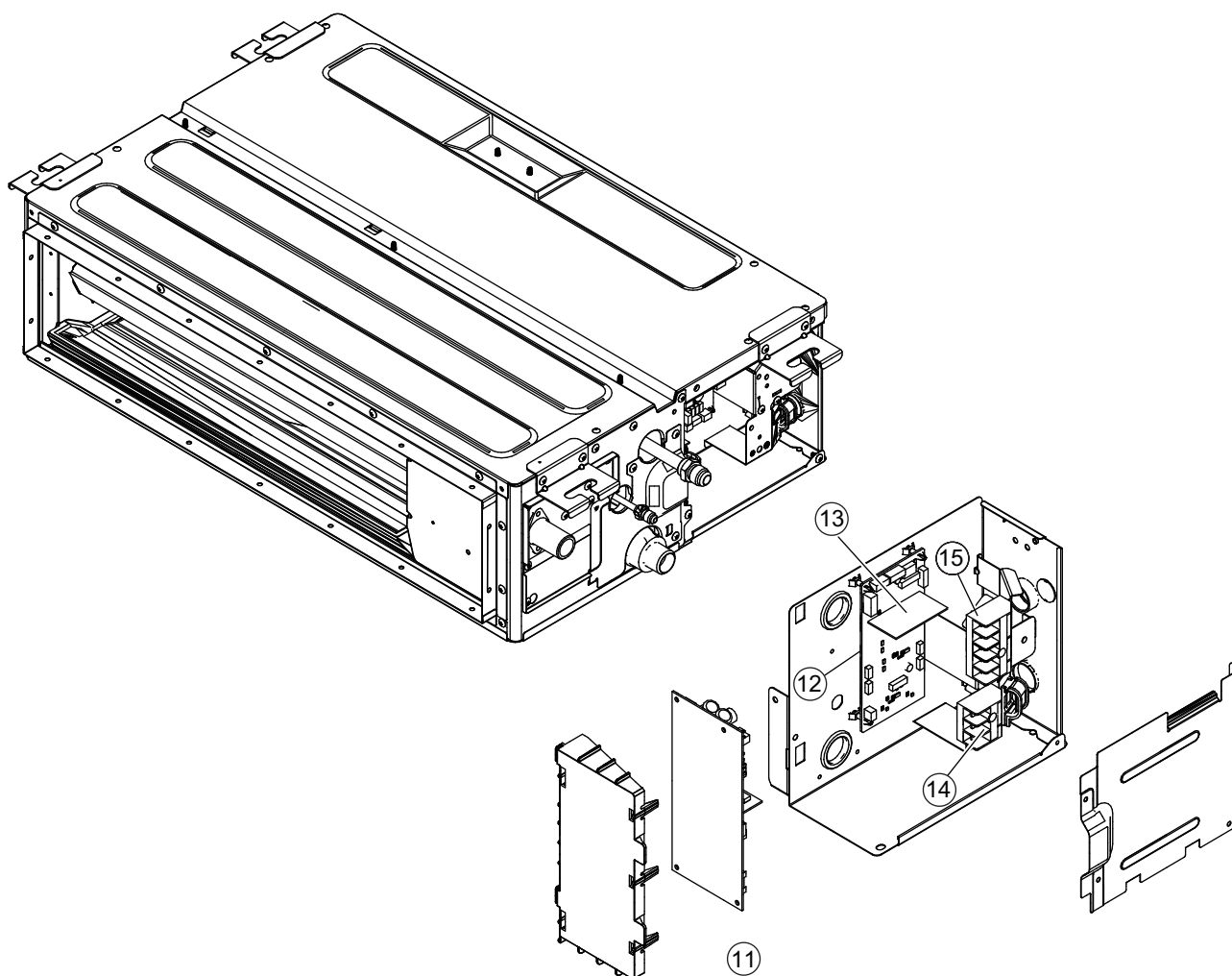
| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 31 | 9377914156 | Evaporator total assy (For 07 model) | ◆ |
| | 9377914101 | Evaporator total assy (For 09, 12 model) | ◆ |
| | 9377914118 | Evaporator total assy (For 14 model) | ◆ |
| | 9377914125 | Evaporator total assy (For 18 model) | ◆ |
| 32 | 9377764065 | Insulation box sub assy | ◆ |



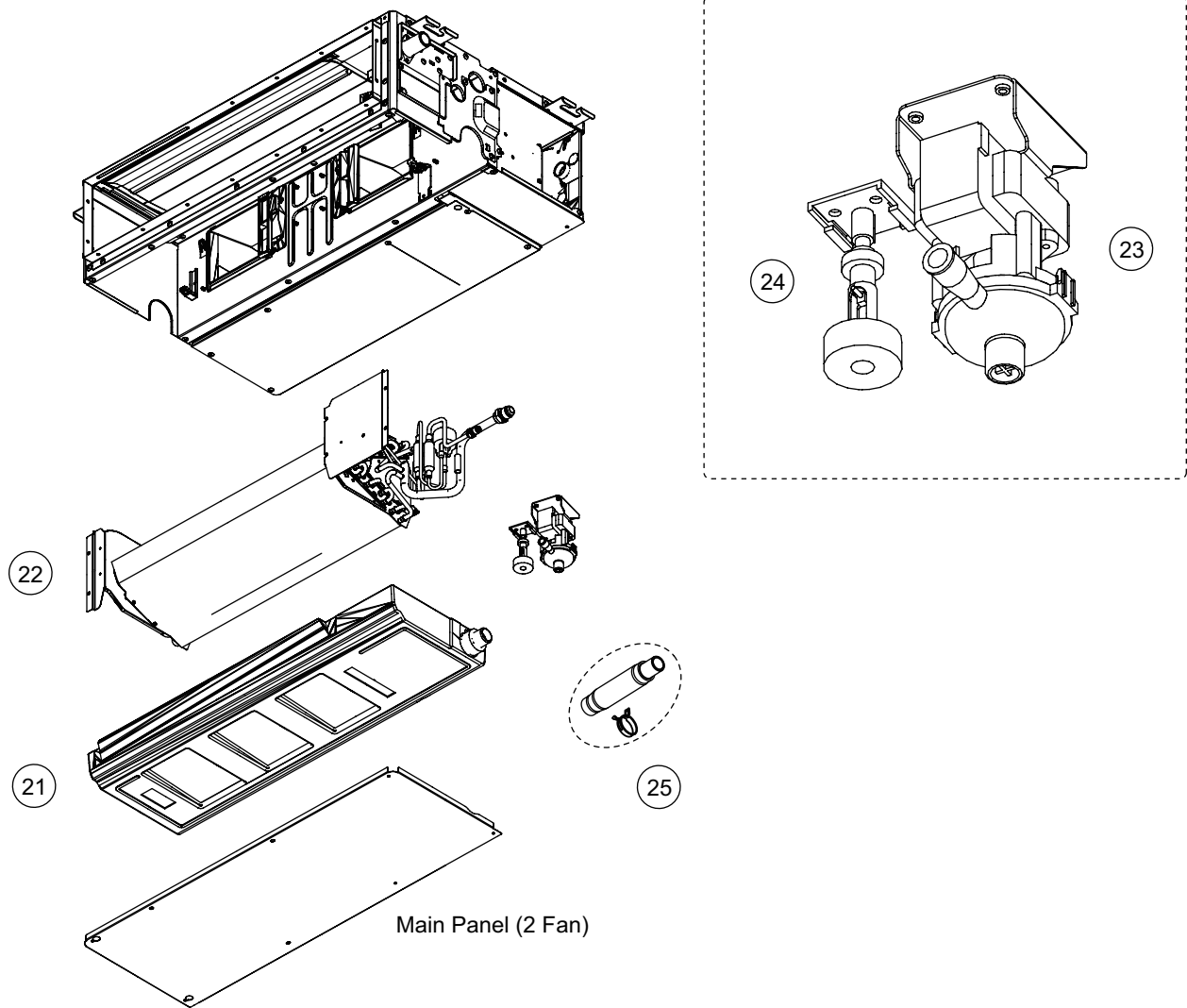
| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 41 | 9375719012 | Fan motor sub Assy | ◆ |
| 42 | 9602436019 | Fan motor | ◆ |
| 43 | 9375480011 | 2 stage turbo fan Assy | ◆ |
| 44 | 9377807014 | Shaft cap | ◆ |
| 45 | 9377811011 | Washer cover | ◆ |

3-2. Mini duct type

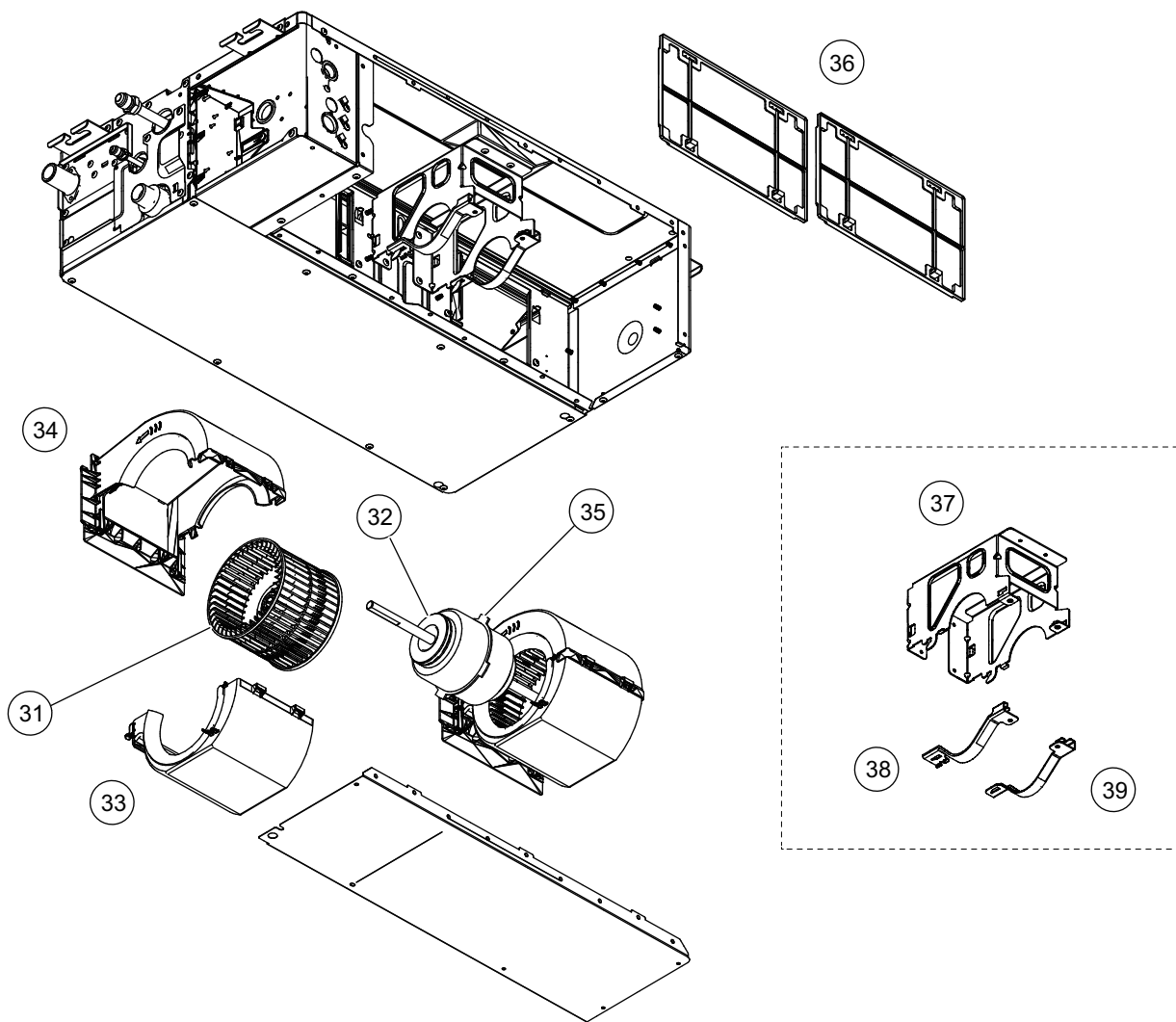
■ Models: ARXG07KSLAP, ARXG09KSLAP, ARXG12KSLAP, and ARXG14KSLAP



| Item no. | Part no. | Part name | Service part |
|----------|------------|---|--------------|
| 11 | 9710661020 | Power supply PCB | ◆ |
| 12 | 9710624261 | Main PCB (For 07 model) | ◆ |
| | 9710624278 | Main PCB (For 09 model) | ◆ |
| | 9710624285 | Main PCB (For 12 model) | ◆ |
| | 9710624292 | Main PCB (For 14 model) | ◆ |
| 13 | 9710019005 | 2-way remote PCB | ◆ |
| 14 | 9900568009 | Terminal 3P | ◆ |
| 15 | 9900896003 | Terminal 3P (For wired remote controller) | ◆ |
| — | 9900653033 | Room thermistor | ◆ |
| — | 9900942021 | Pipe thermistor | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------------|--------------|
| 21 | 9381930111 | Drain pan sub assy | ◆ |
| 22 | 9381933440 | Evaporator total assy | ◆ |
| 23 | 9900472061 | Pump assy | ◆ |
| 24 | 9900465063 | Float switch | ◆ |
| 25 | 9378450097 | Hose sub assy | ◆ |



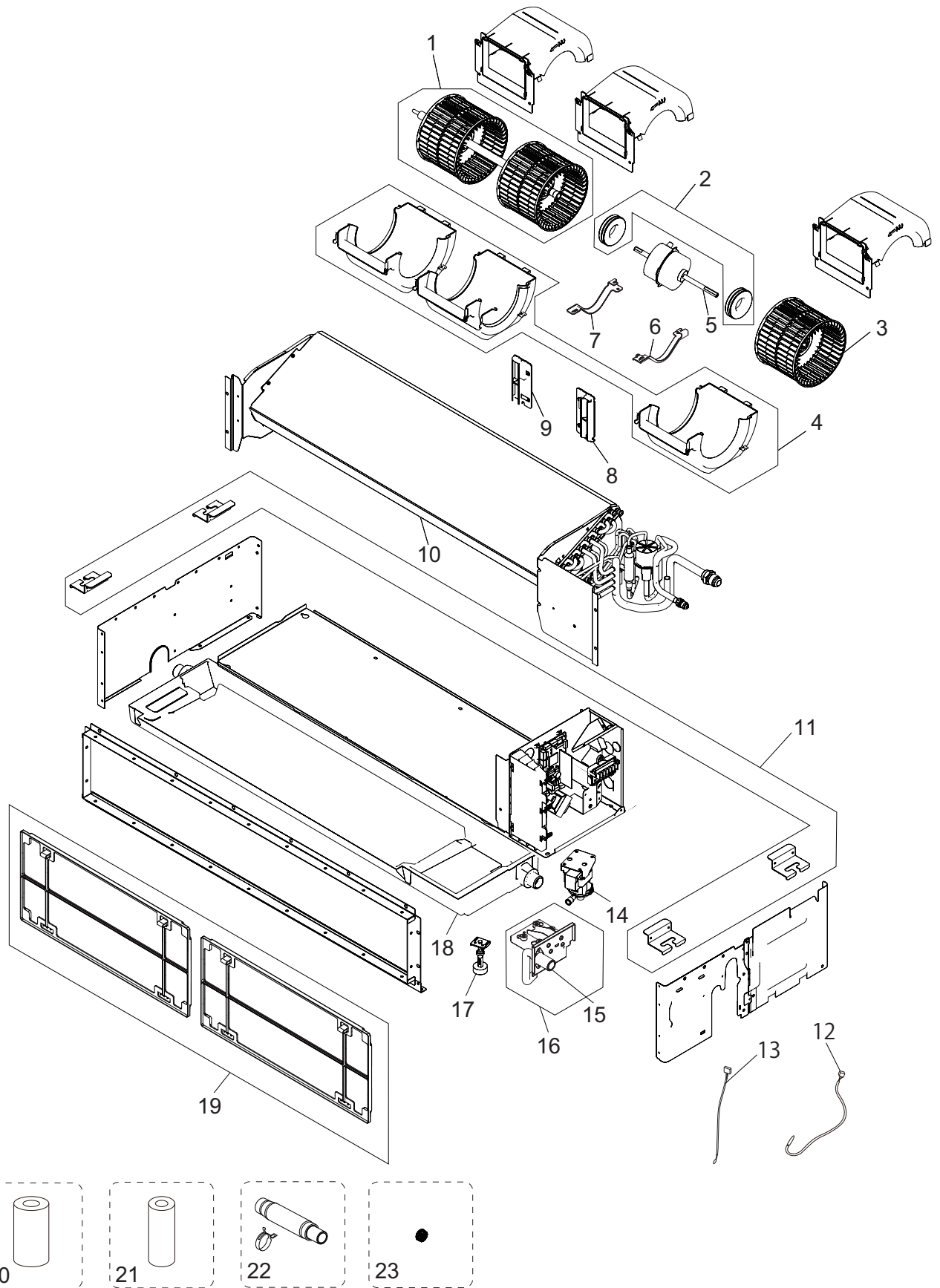
| Item no. | Part no. | Part name | Service part |
|----------|------------|-------------------------------|--------------|
| 31 | 9379570015 | Sirocco fan assy | ◆ |
| 32 | 9381673001 | Rubber (Vibration proof) | ◆ |
| 33 | 9381676002 | Casing B | ◆ |
| 34 | 9381677016 | Casing U | ◆ |
| 35 | 9380636038 | Fan motor assy (For 07 model) | ◆ |
| 36 | 9379574006 | Air filter | ◆ |
| 37 | 9381675005 | Motor bracket assy | ◆ |
| 38 | 9381669004 | Motor band L | ◆ |
| 39 | 9381670000 | Motor band R | ◆ |

■ Model: ARXG18KSLAP

● Chassis

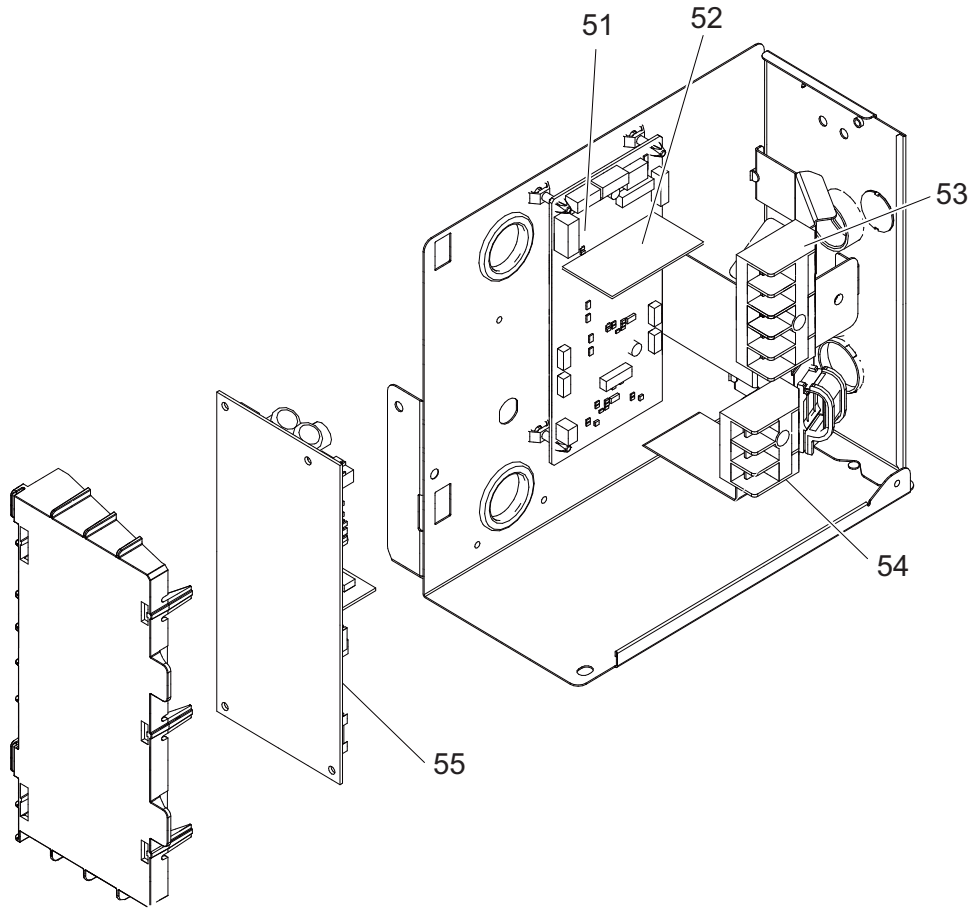
TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST



| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------------------|--------------|
| 1 | 9379971065 | Sirroco fan sub assy | ◆ |
| 2 | 9383443008 | Rubber vibration proof assy | ◆ |
| 3 | 9379570022 | Sirroco fan assy | ◆ |
| 4 | 9381676002 | Casing B | ◆ |
| 5 | 9379047128 | Motor band L | ◆ |
| 6 | 9381669004 | Motor band L | ◆ |
| 7 | 9381670000 | Motor band R | ◆ |
| 8 | 9381831005 | Air guide L | ◆ |
| 9 | 9381832002 | Air guide R | ◆ |
| 10 | 9381933624 | Evaporator total assy | ◆ |
| 11 | 9381659005 | Hook metal | ◆ |
| 12 | 9900653033 | Thermistor (room) | ◆ |
| 13 | 9900349011 | Thermistor (pipe) | ◆ |
| 14 | 9900472061 | Pump assy | ◆ |
| 15 | 9381928002 | Drain hose assy | ◆ |
| 16 | 9381927005 | Drain pump panel sub assy | ◆ |
| 17 | 9900465063 | Float switch | ◆ |
| 18 | 9381930104 | Drain pan sub assy | ◆ |
| 19 | 9379575003 | Air filter | ◆ |
| 20 | 9378173569 | Insulation pipe C | ◆ |
| 21 | 9378173521 | Insulation pipe D | ◆ |
| 22 | 9378450097 | Hose sub assy | ◆ |
| 23 | 9357921006 | Bearing B assy | ◆ |

● Inverter unit



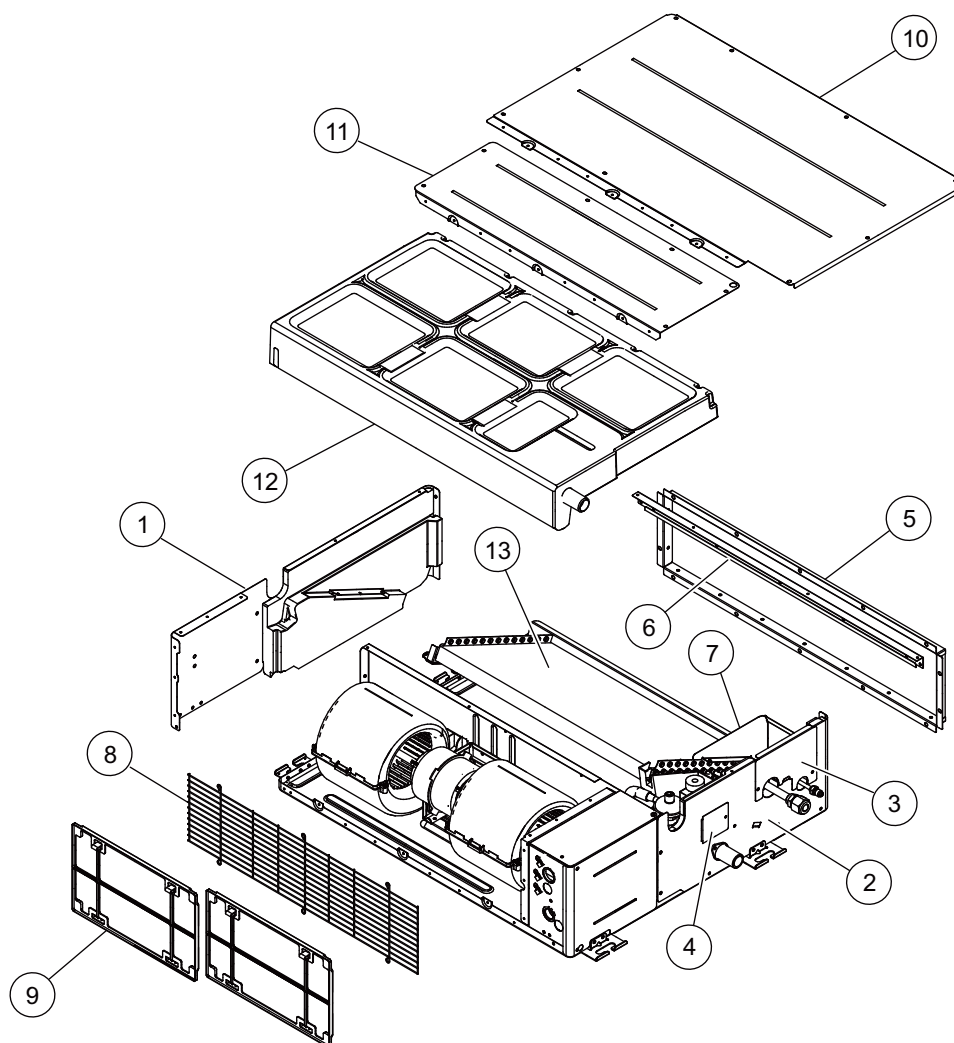
TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

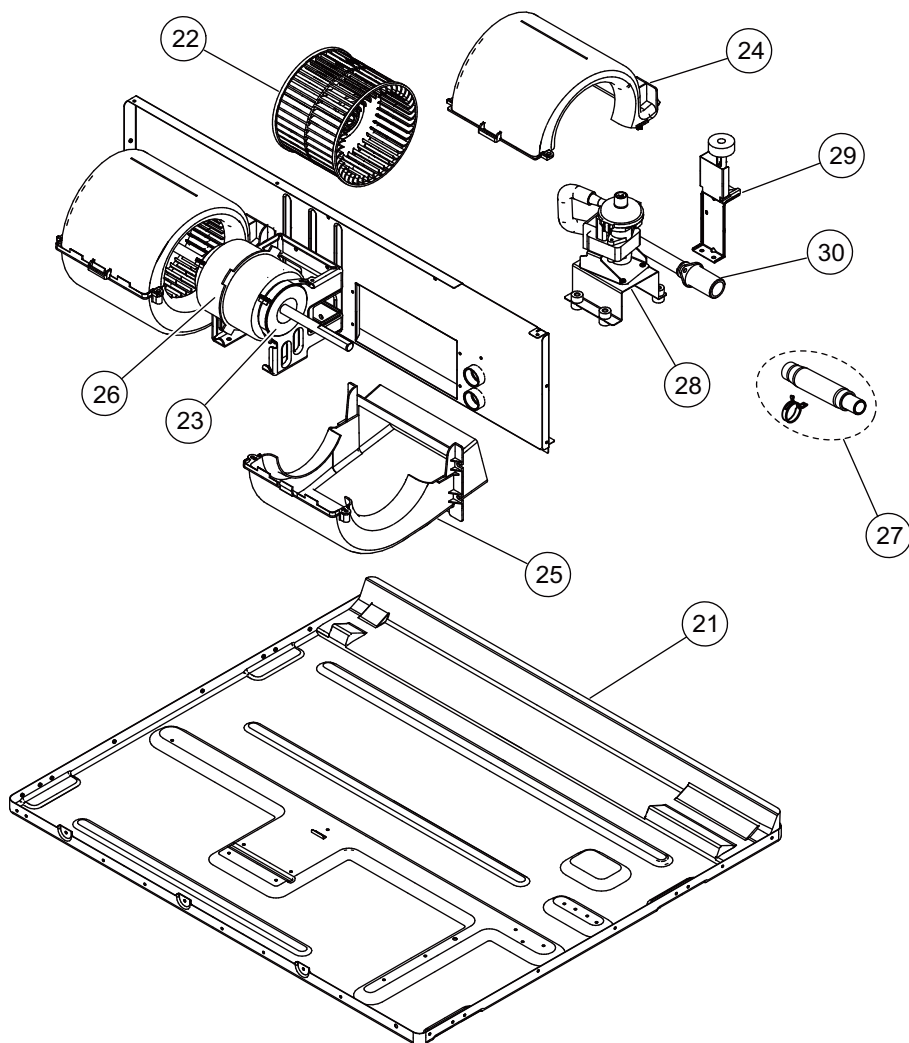
| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 51 | 9710624315 | Main PCB | ◆ |
| 52 | 9710019005 | 2way remote PCB | ◆ |
| 53 | 9900896003 | Terminal (remote control) | ◆ |
| 54 | 9900568009 | Terminal (power) | ◆ |
| 55 | 9710661020 | Power PCB | ◆ |
| — | 9710177057 | Wire with connector (CN46—External input) | ◆ |
| — | 9710173066 | Wire with connector (CN300—Remote terminal) | ◆ |
| — | 9710703010 | Wire with connector (CN205—Power) | ◆ |
| — | 9710171055 | Wire with connector (CN262—CN260) | ◆ |
| — | 9710206047 | Wire with connector (CN263—CN261) | ◆ |

3-3. Slim duct type

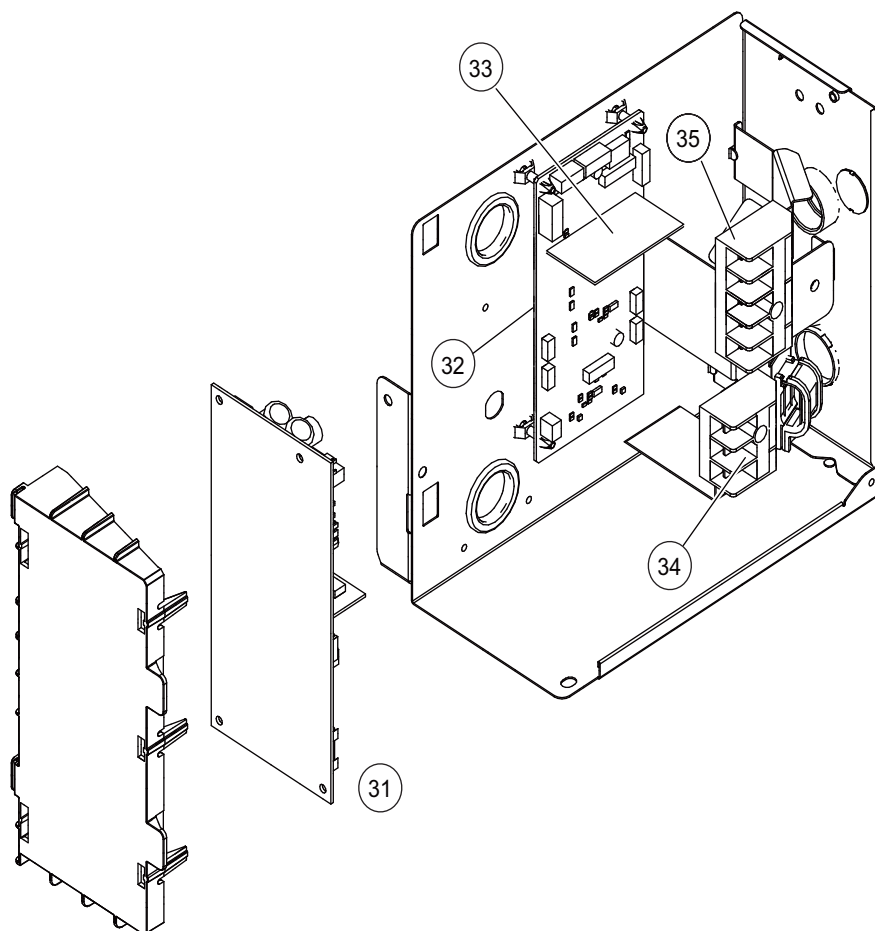
■ Models: ARXG07KLLAP, ARXG09KLLAP, ARXG12KLLAP, and ARXG14KLLAP



| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 1 | 9379906012 | Side panel R sub assy | ◆ |
| 2 | 9379907019 | Side panel L sub assy | ◆ |
| 3 | 9379900003 | Pipe panel sub assy | ◆ |
| 4 | 9379915007 | Panel (Window) sub assy | ◆ |
| 5 | 9380042006 | Outlet frame assy | ◆ |
| 6 | 9380594000 | Front panel (2-fan) | ◆ |
| 7 | 9379576017 | Valve cover sub assy | ◆ |
| 8 | 9380589006 | Fan guard (2-fan) | ◆ |
| 9 | 9379574006 | Air filter | ◆ |
| 10 | 9380602019 | Main panel (2-fan) | ◆ |
| 11 | 9380597001 | Cabinet panel (2-fan) | ◆ |
| 12 | 9381209002 | Drain pan sub assy | ◆ |
| 13 | 9380682509 | Evaporator total assy (For 07 model) | ◆ |
| | 9380682486 | Evaporator total assy (For 09, 12, 14 model) | ◆ |

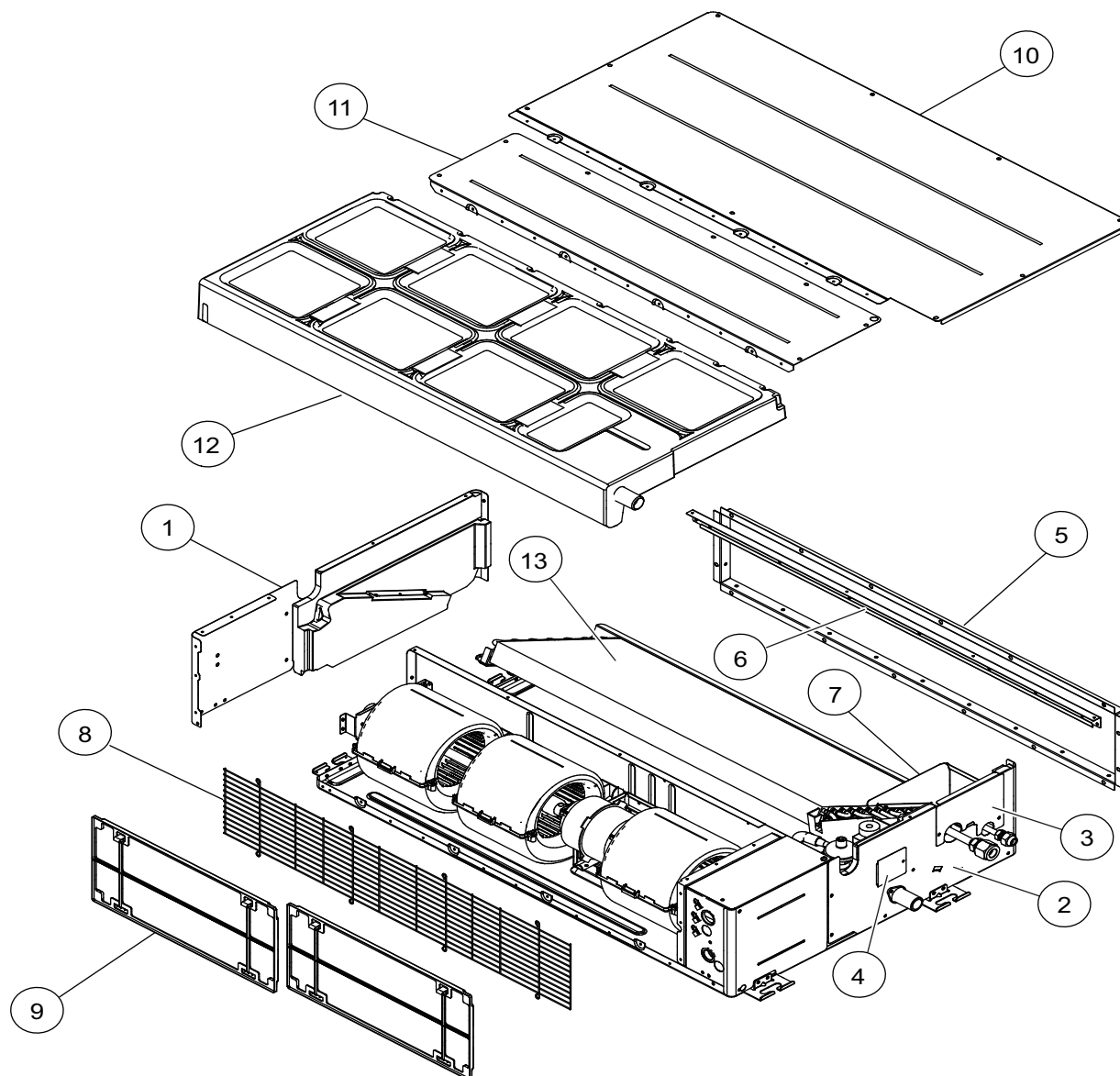


| Item no. | Part no. | Part name | Service part |
|----------|------------|---------------------------------------|--------------|
| 21 | 9379908030 | Total panel sub assy | ◆ |
| 22 | 9379570015 | Sirocco fan assy | ◆ |
| 23 | 9379644006 | Rubber (Vibration proof) | ◆ |
| 24 | 9379572019 | Casing B | ◆ |
| 25 | 9379571012 | Casing U | ◆ |
| 26 | 9379047166 | Fan motor assy (For 07 model) | ◆ |
| | 9379047159 | Fan motor assy (For 09, 12, 14 model) | ◆ |
| 27 | 9378450097 | Hose sub assy | ◆ |
| 28 | 9379914062 | Drain pump sub assy | ◆ |
| 29 | 9378593039 | Float switch sub assy | ◆ |
| 30 | 9379913003 | Drain hose assy | ◆ |

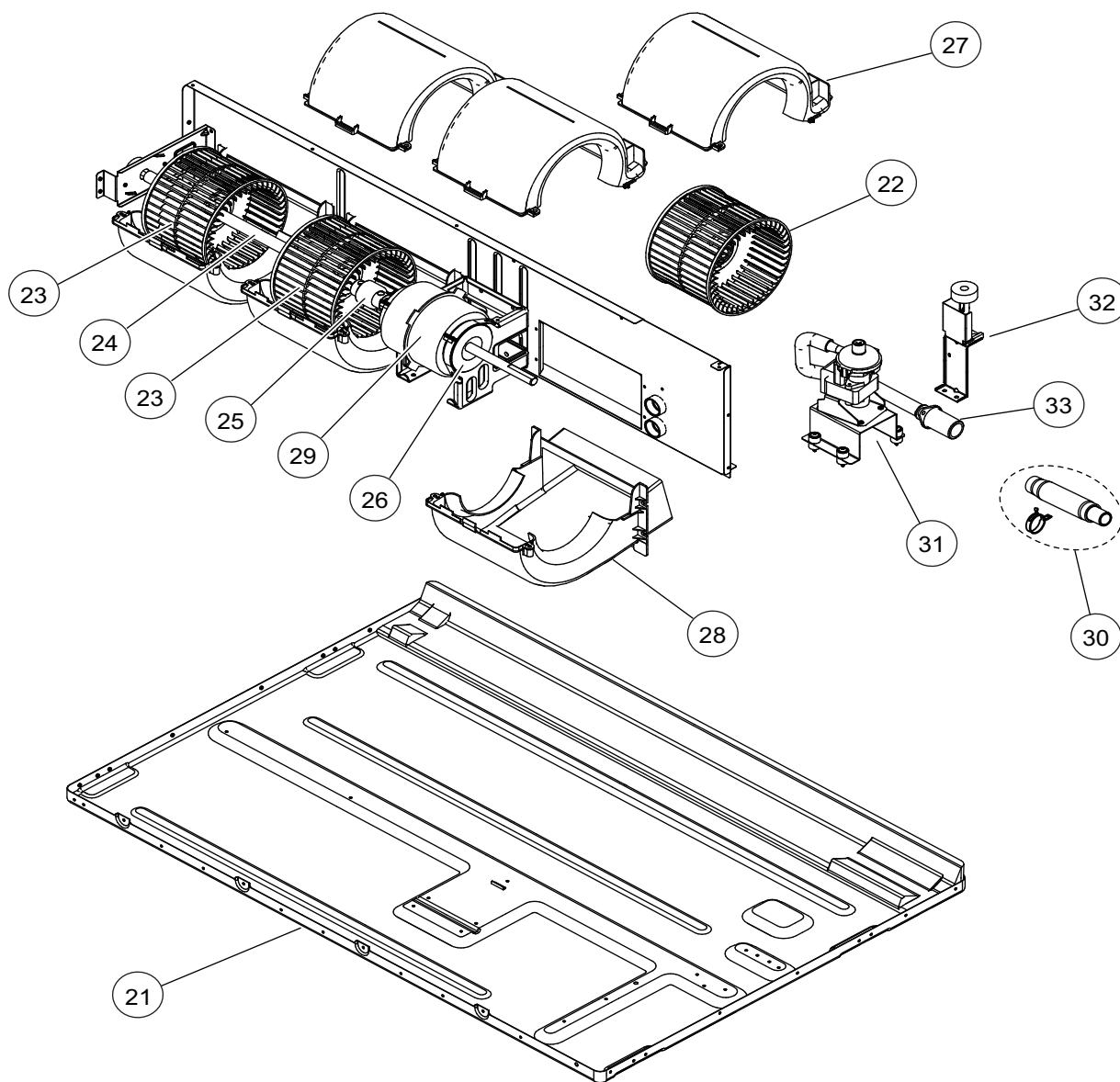


| Item no. | Part no. | Part name | Service part |
|----------|------------|---|--------------|
| 31 | 9710661006 | Power supply PCB | ◆ |
| 32 | 9710624308 | Main PCB (For 07 model) | ◆ |
| | 9710624209 | Main PCB (For 09 model) | ◆ |
| | 9710624216 | Main PCB (For 12 model) | ◆ |
| | 9710624148 | Main PCB (For 14 model) | ◆ |
| 33 | 9710019005 | 2-way remote PCB | ◆ |
| 34 | 9900568009 | Terminal 3P | ◆ |
| 35 | 9900896003 | Terminal 3P (For wired remote controller) | ◆ |
| — | 9900653019 | Room thermistor | ◆ |
| — | 9900942045 | Pipe thermistor | ◆ |

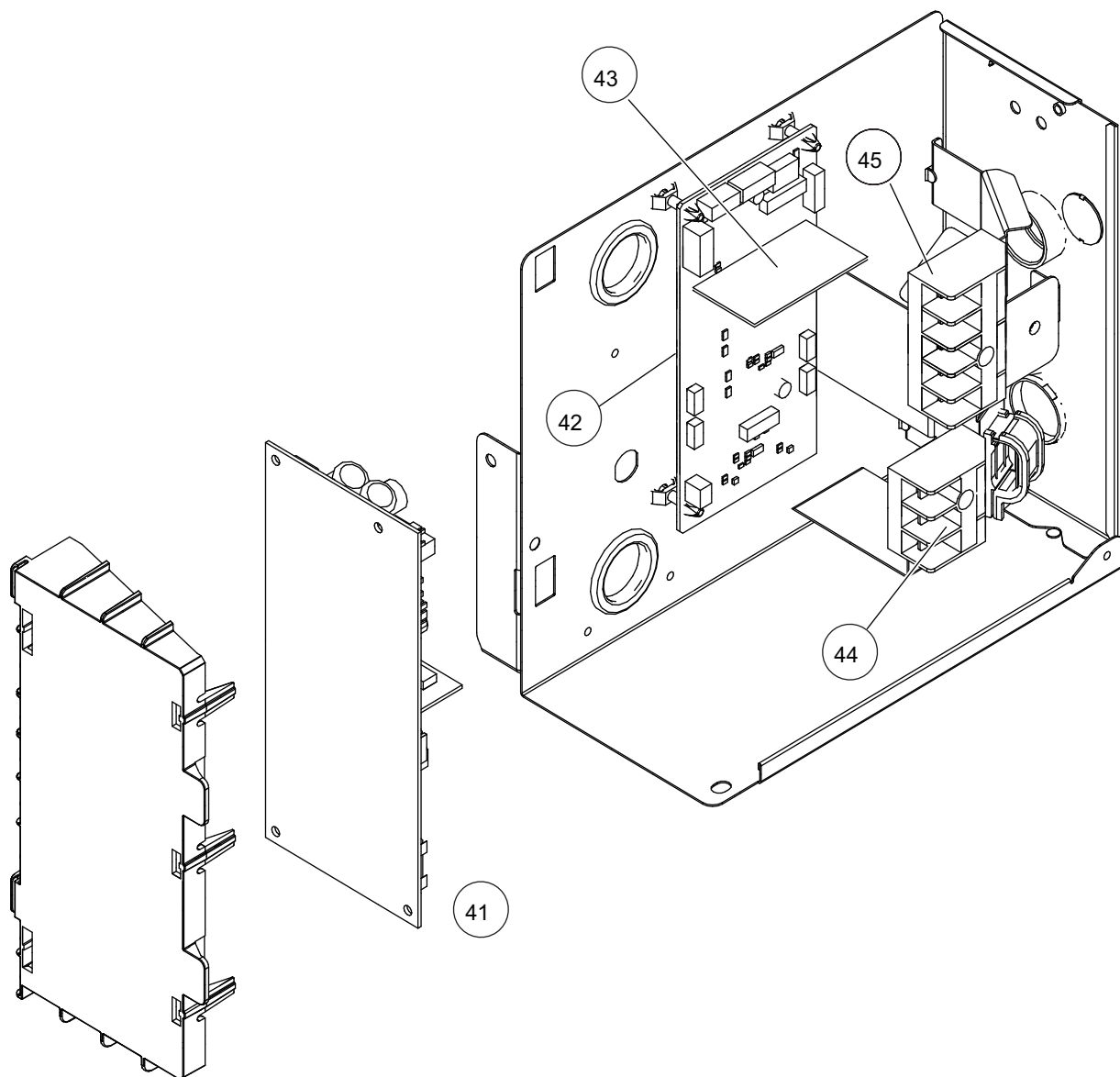
Model: ARXG18KLLAP



| Item no. | Part no. | Part name | Service part |
|----------|------------|-------------------------|--------------|
| 1 | 9379906012 | Side panel R sub assy | ◆ |
| 2 | 9379907019 | Side panel L sub assy | ◆ |
| 3 | 9379900003 | Pipe panel sub assy | ◆ |
| 4 | 9379915007 | Panel (Window) sub assy | ◆ |
| 5 | 9380042013 | Outlet frame assy | ◆ |
| 6 | 9380595007 | Front panel (3-fan) | ◆ |
| 7 | 9379576017 | Valve cover sub assy | ◆ |
| 8 | 9380590002 | Fan guard (3-fan) | ◆ |
| 9 | 9379575003 | Air filter | ◆ |
| 10 | 9380603016 | Main panel (3-fan) | ◆ |
| 11 | 9380598008 | Cabinet panel (3-fan) | ◆ |
| 12 | 9379901178 | Drain pan sub assy | ◆ |
| 13 | 9380682493 | Evaporator total assy | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------------|--------------|
| 21 | 9379908047 | Total panel sub assy | ◆ |
| 22 | 9379570022 | Sirocco fan assy | ◆ |
| 23 | 9379570039 | Sirocco fan assy | ◆ |
| 23 | 9381052004 | Shaft assy | ◆ |
| 23 | 9378038011 | Joint assy | ◆ |
| 23 | 9379644006 | Rubber (Vibration proof) | ◆ |
| 24 | 9379572019 | Casing B | ◆ |
| 25 | 9379571012 | Casing U | ◆ |
| 26 | 9379047142 | Fan motor assy | ◆ |
| 27 | 9378450097 | Hose sub assy | ◆ |
| 28 | 9379914062 | Drain pump sub assy | ◆ |
| 29 | 9378593039 | Float switch sub assy | ◆ |
| 30 | 9379913003 | Drain hose assy | ◆ |

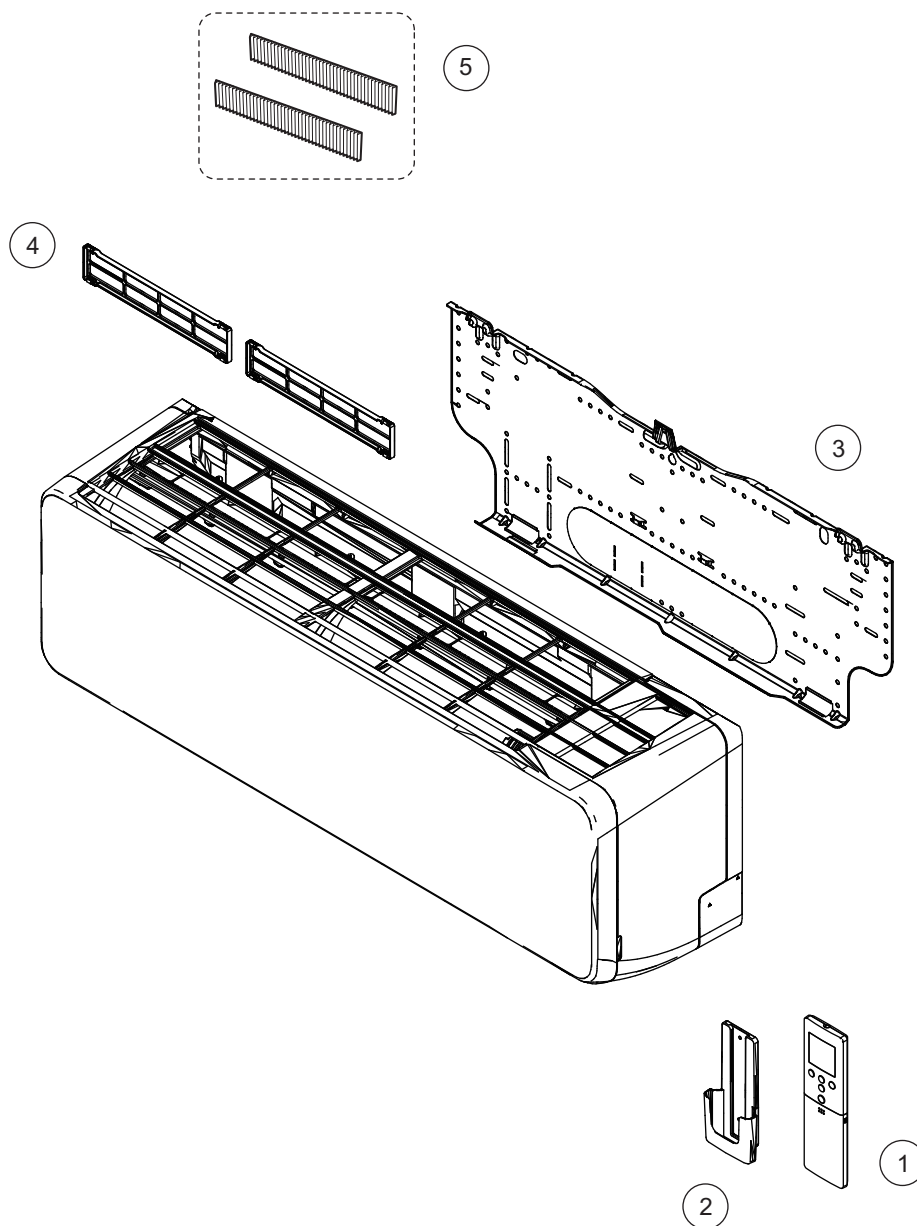


| Item no. | Part no. | Part name | Service part |
|----------|------------|---|--------------|
| 31 | 9710661006 | Power supply PCB | ◆ |
| 32 | 9710624131 | Main PCB | ◆ |
| 33 | 9710019005 | 2-way remote PCB | ◆ |
| 34 | 9900568009 | Terminal 3P | ◆ |
| 35 | 9900896003 | Terminal 3P (For wired remote controller) | ◆ |
| — | 9900653019 | Room thermistor | ◆ |
| — | 9900942045 | Pipe thermistor | ◆ |

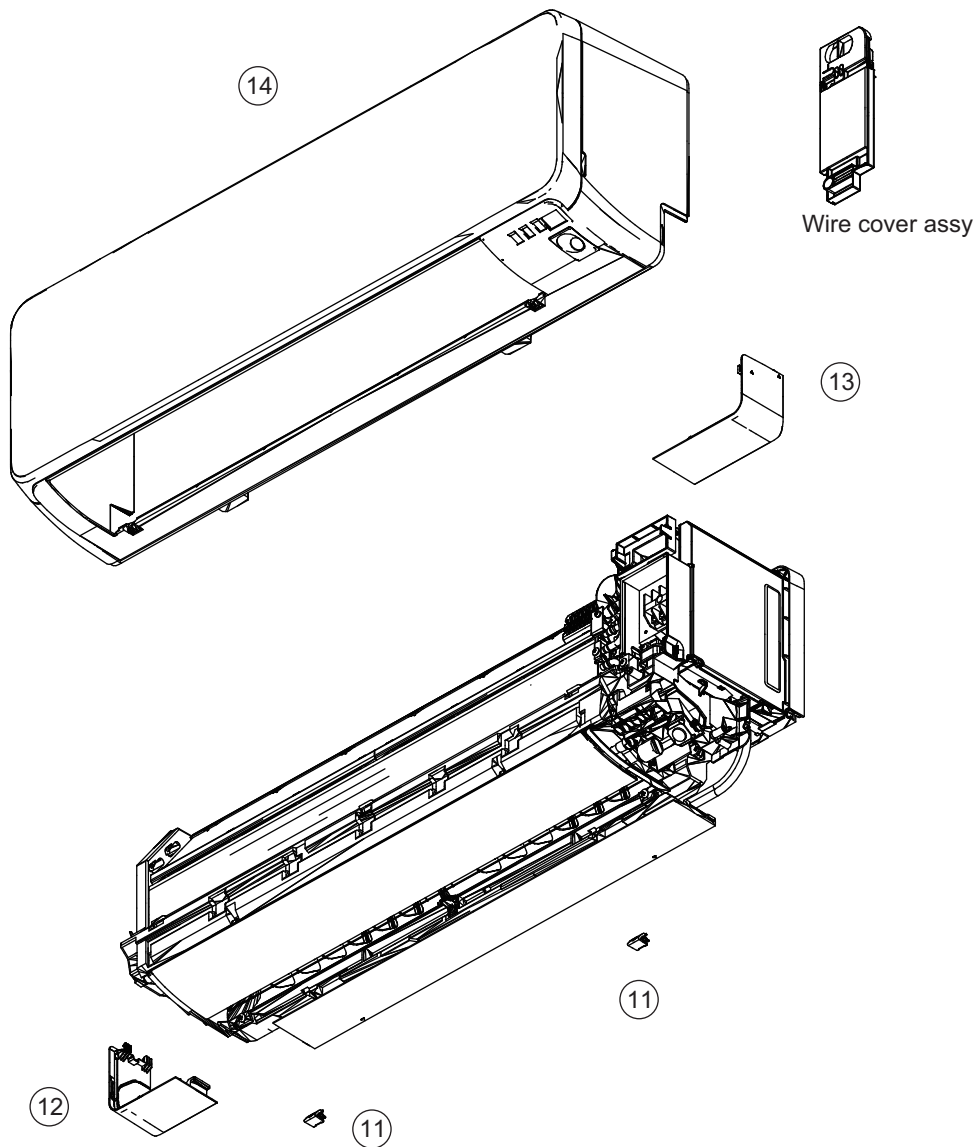
3-4. Wall mounted type

■ Models: ASYG07KGTB, ASYG09KGTB, ASYG12KGTB, and ASYG14KGTB

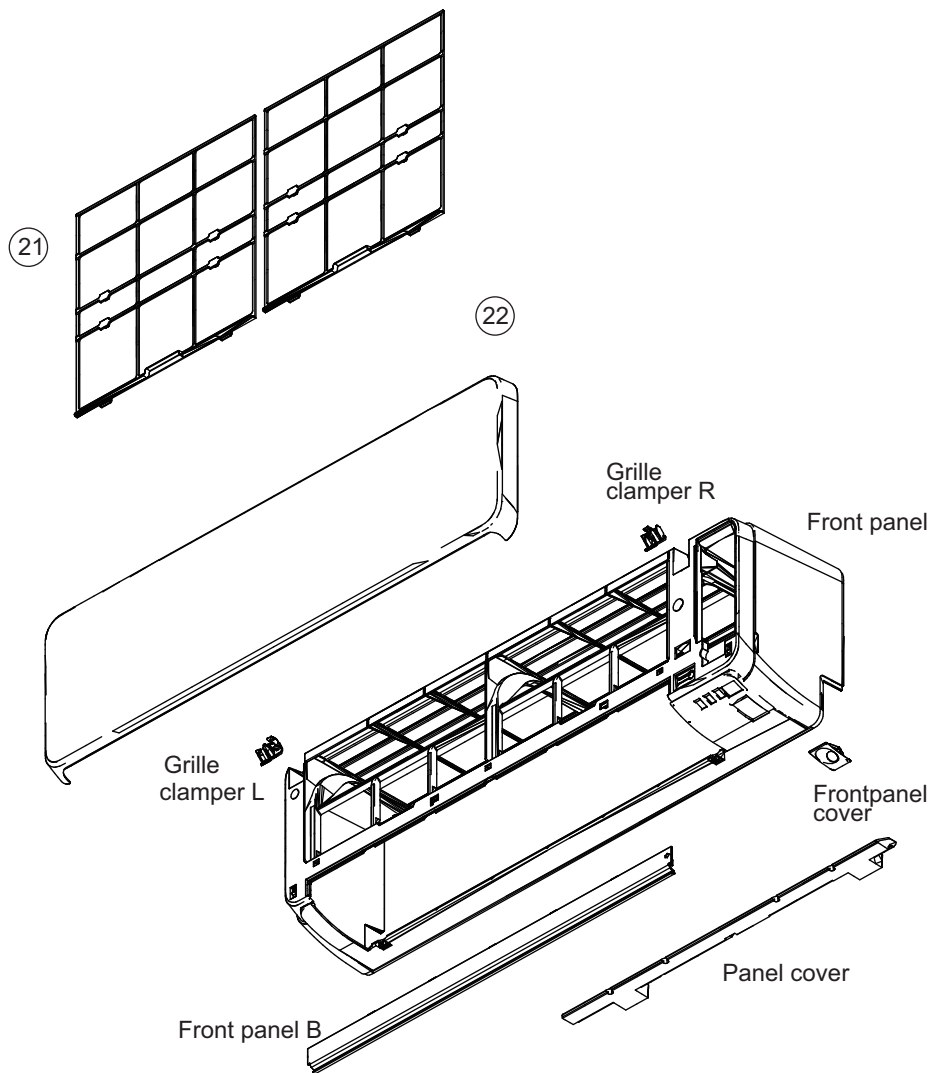
● Exterior parts and chassis



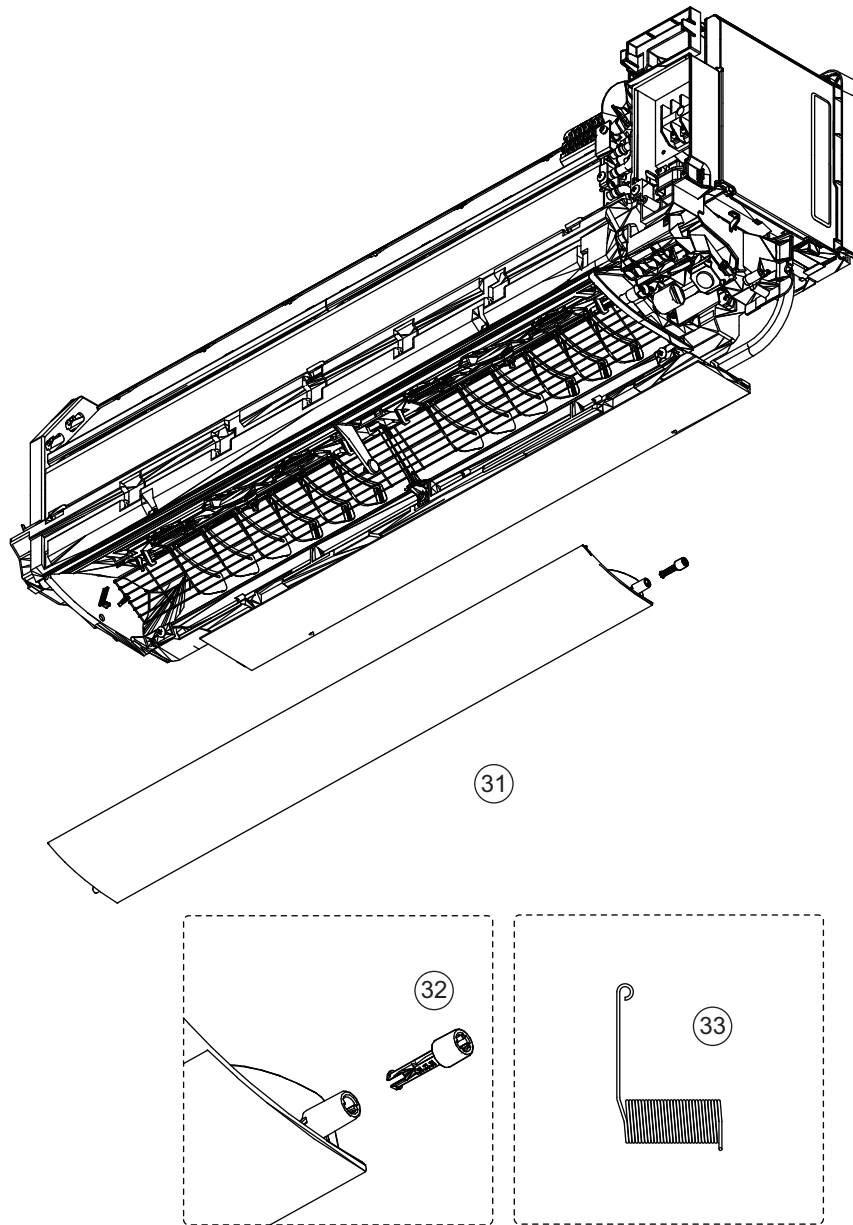
| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 1 | 9382108045 | Remote control | ◆ |
| 2 | 9318912005 | Remote control holder | ◆ |
| 3 | 9387480009 | Bracket panel | ◆ |
| 4 | 9332911008 | Electric filter holder | ◆ |
| 5 | 9317250009 | Air clean filter assy | ◆ |



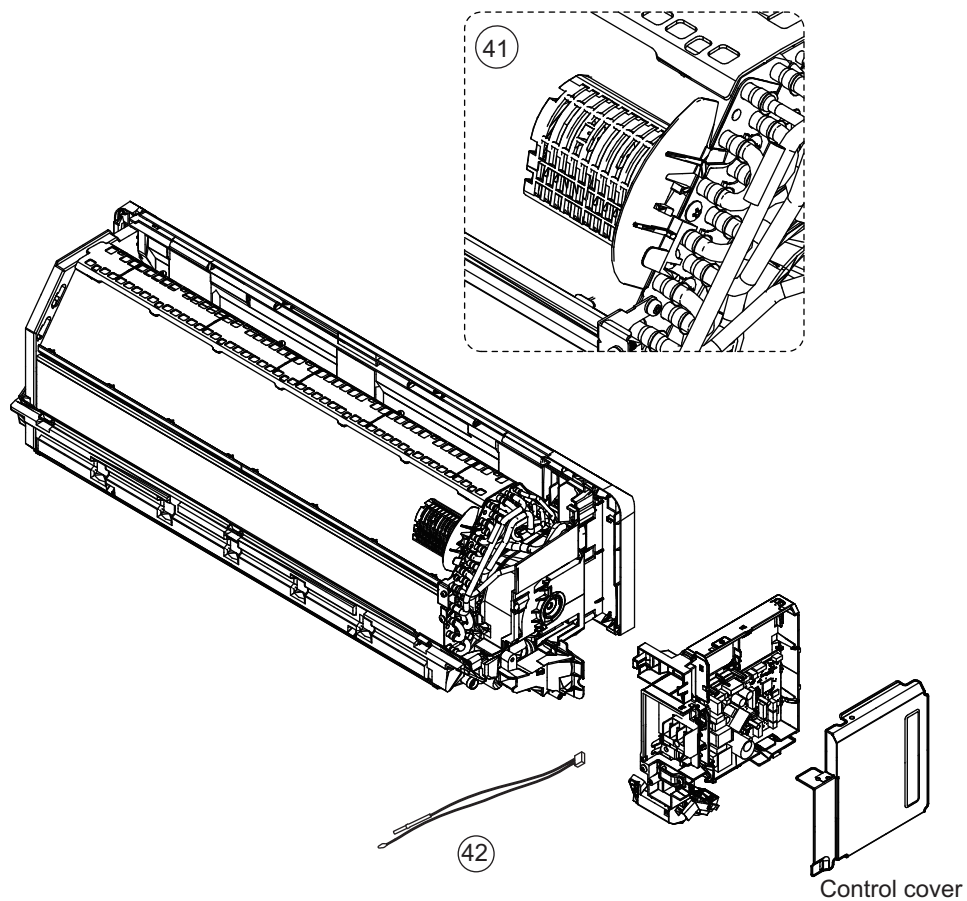
| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 11 | 9387476002 | Screw cap | ◆ |
| 12 | 9387477009 | Under cover L | ◆ |
| 13 | 9387478006 | Under cover R | ◆ |
| 14 | 9387596007 | Front panel total assy | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------|--------------|
| 21 | 9387473001 | Air filter | ◆ |
| 22 | 9387756005 | Intake grille assy | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------|--------------|
| 31 | 9387479003 | U/D louver assy | ◆ |
| 32 | 9332861006 | Shaft cover | ◆ |
| 33 | 9387471007 | Louver spring | ◆ |

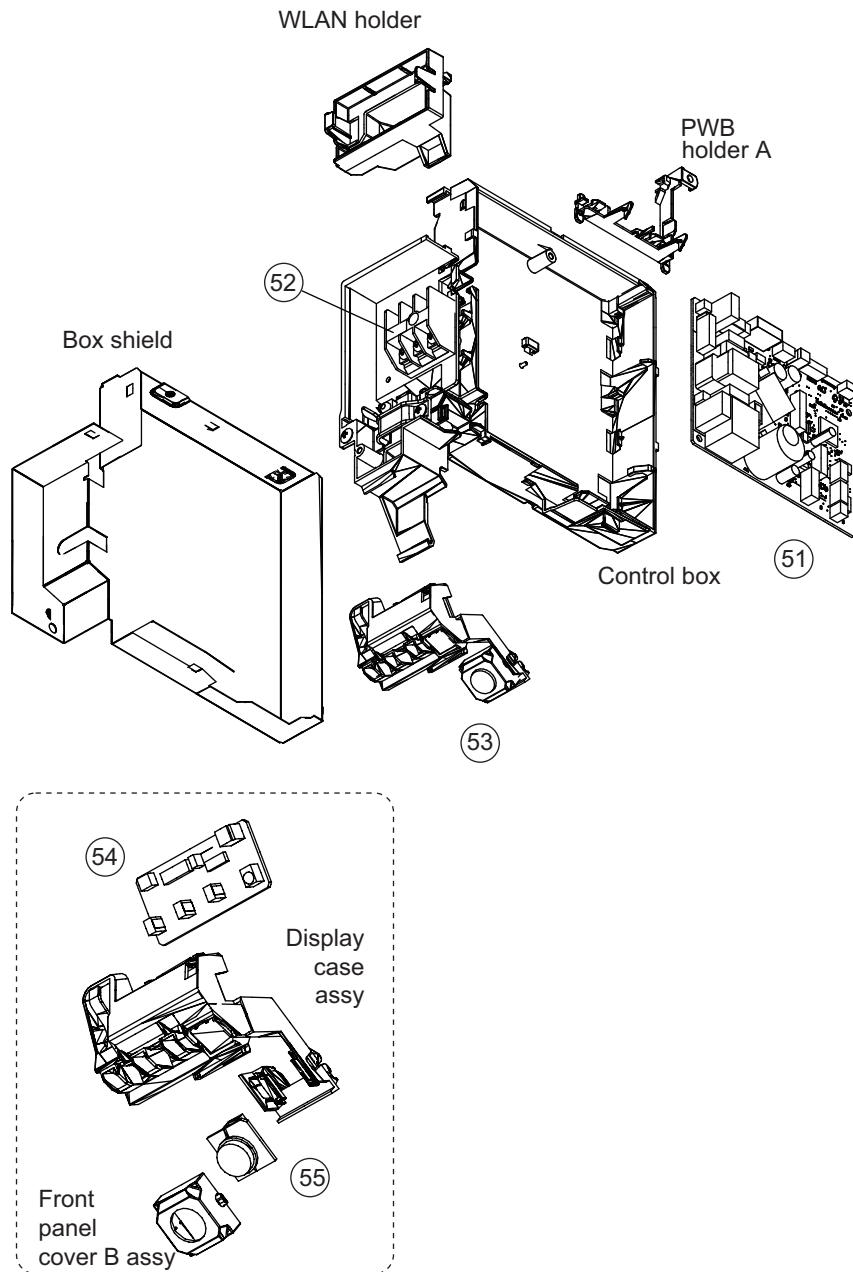


| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 41 | 9387467000 | Room Thermistor Holder | ◆ |
| 42 | 9900627041 | Thermistor Assy | ◆ |

● Control box

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

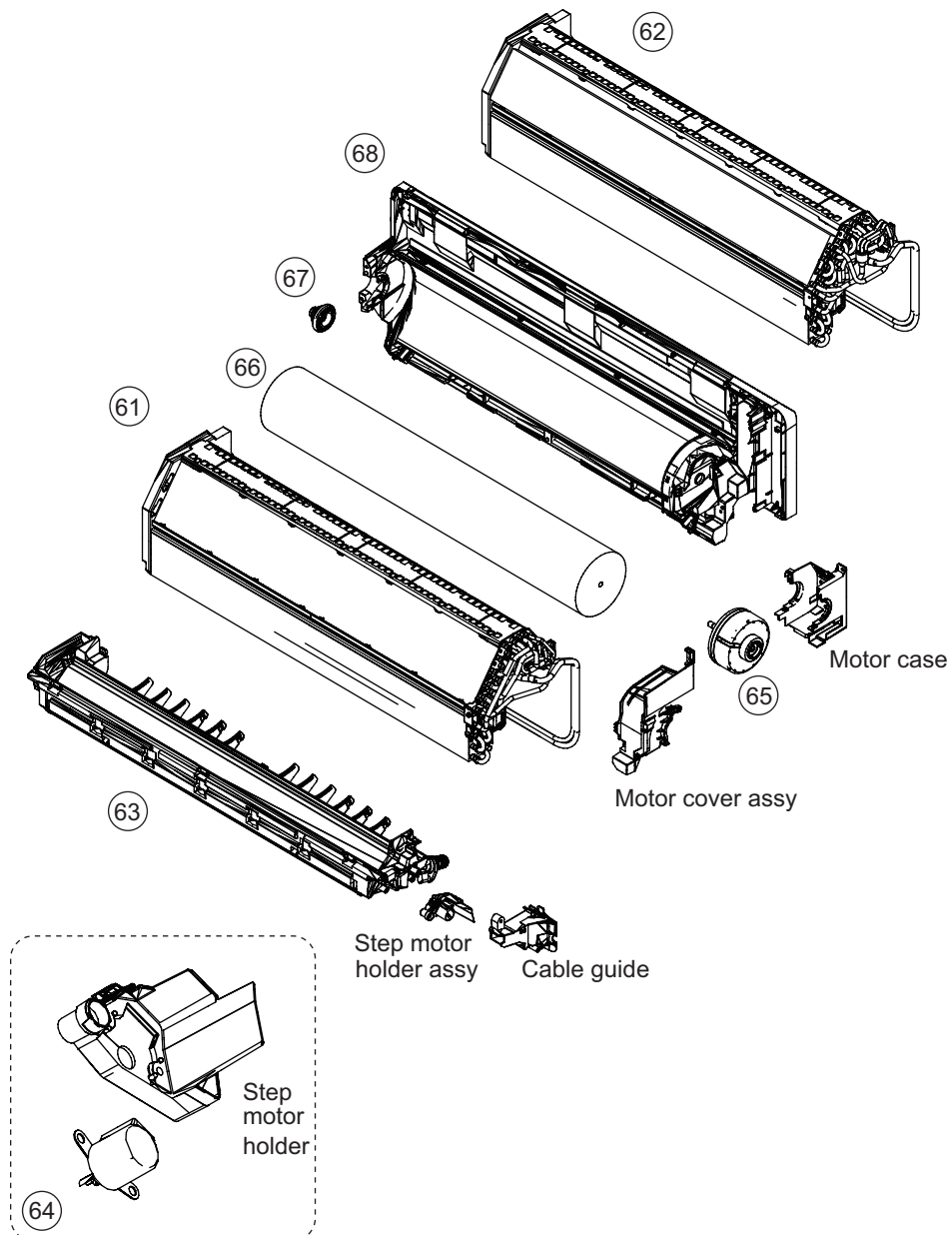


| Item no. | Part no. | Part name | Service part |
|----------|------------|-------------------------|--------------|
| 51 | 9710782411 | Main PCB (for 07 model) | ◆ |
| | 9710782428 | Main PCB (for 09 model) | ◆ |
| | 9710782435 | Main PCB (for 12 model) | ◆ |
| | 9710782442 | Main PCB (for 14 model) | ◆ |
| 52 | 9306489045 | Terminal | ◆ |
| 53 | 9710858017 | Display Assy | ◆ |
| 54 | 9710786013 | Indicator PCB | ◆ |
| 55 | 9317755061 | Pyroelectric sensor | ◆ |

● Evaporator

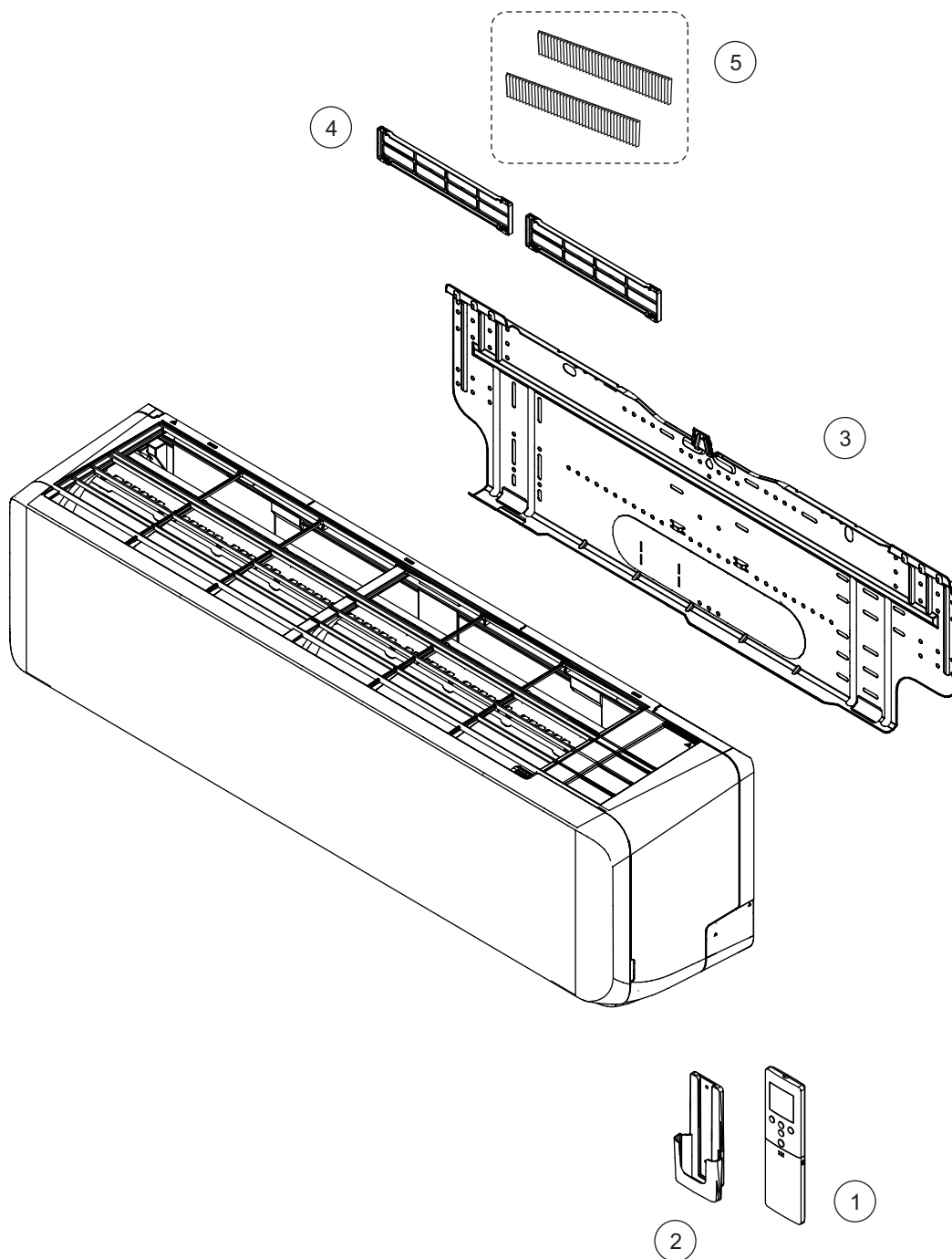
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AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

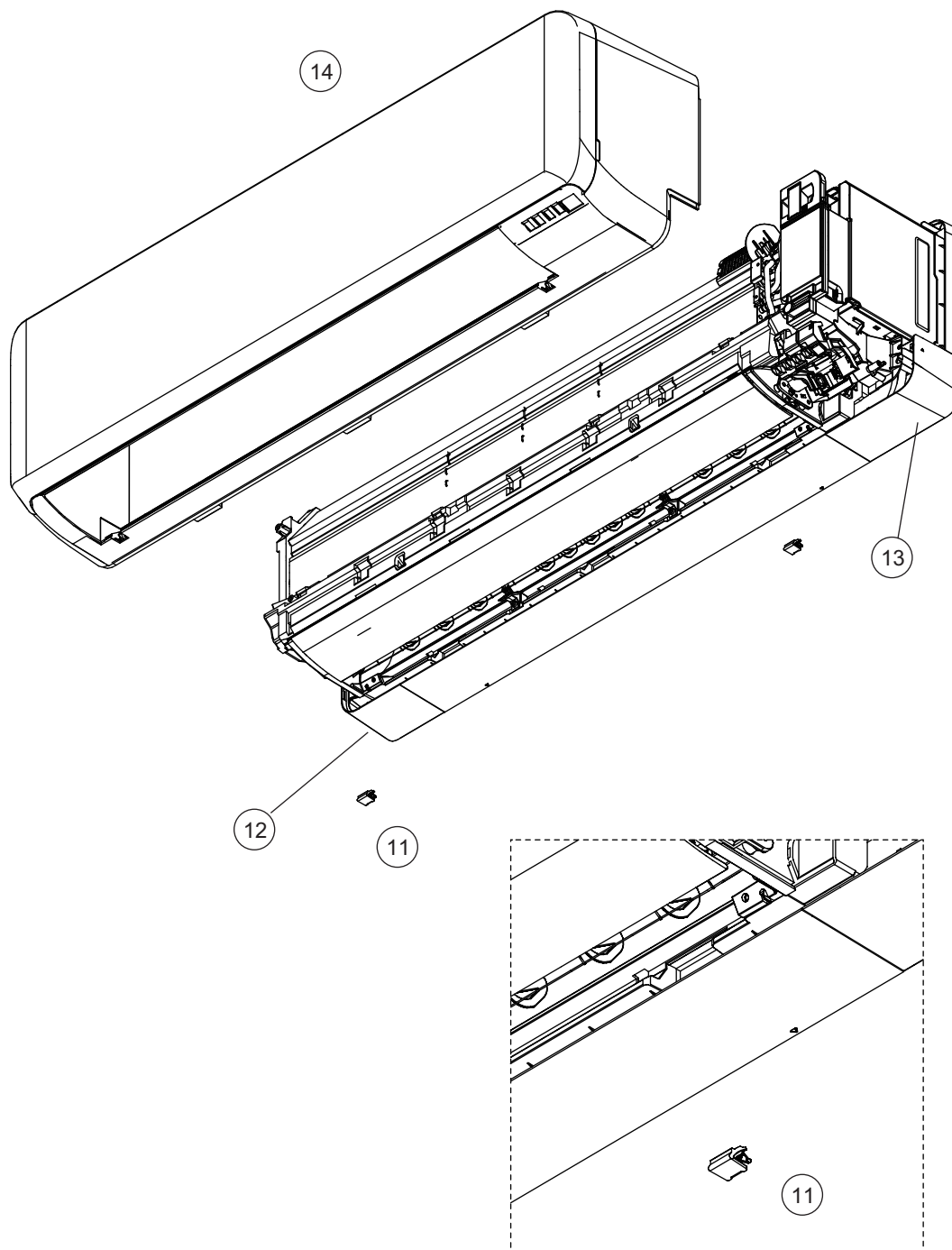


| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 61 | 9387593143 | Evaporator total assy (for 07, 09, 12 model) | ◆ |
| 62 | 9387593150 | Evaporator total assy (for 14 model) | ◆ |
| 63 | 9387590005 | Drain pan total assy | ◆ |
| 64 | 9387714005 | Step motor holder assy | ◆ |
| 65 | 9603569013 | Brushless motor (for 07, 09, 12 model) | ◆ |
| | 9603572013 | Brushless motor (for 14 model) | ◆ |
| 66 | 9387055016 | Crossflow fan assy | ◆ |
| 67 | 9333628004 | Bearing D assy | ◆ |
| 68 | 9387587012 | Base assy | ◆ |

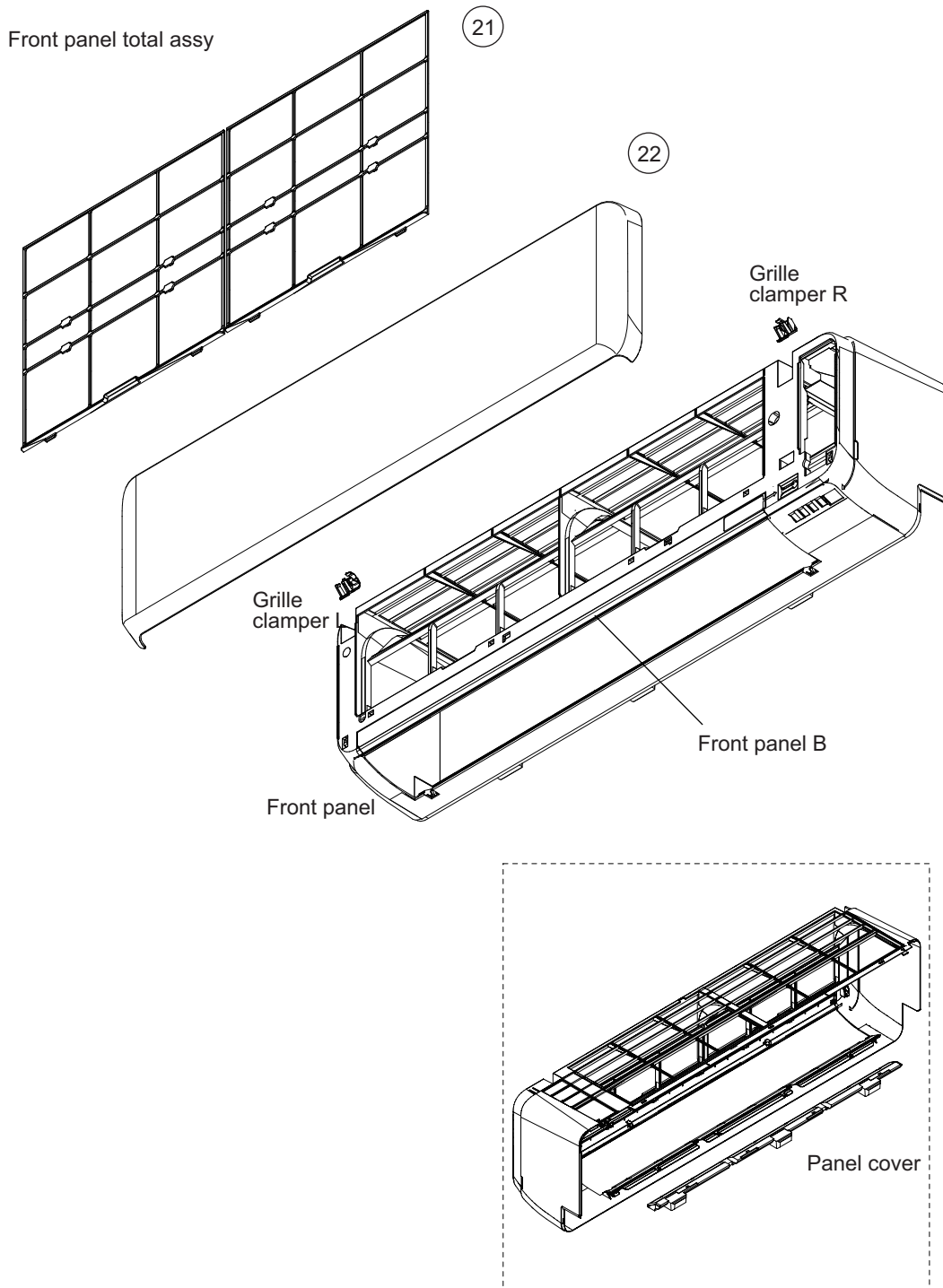
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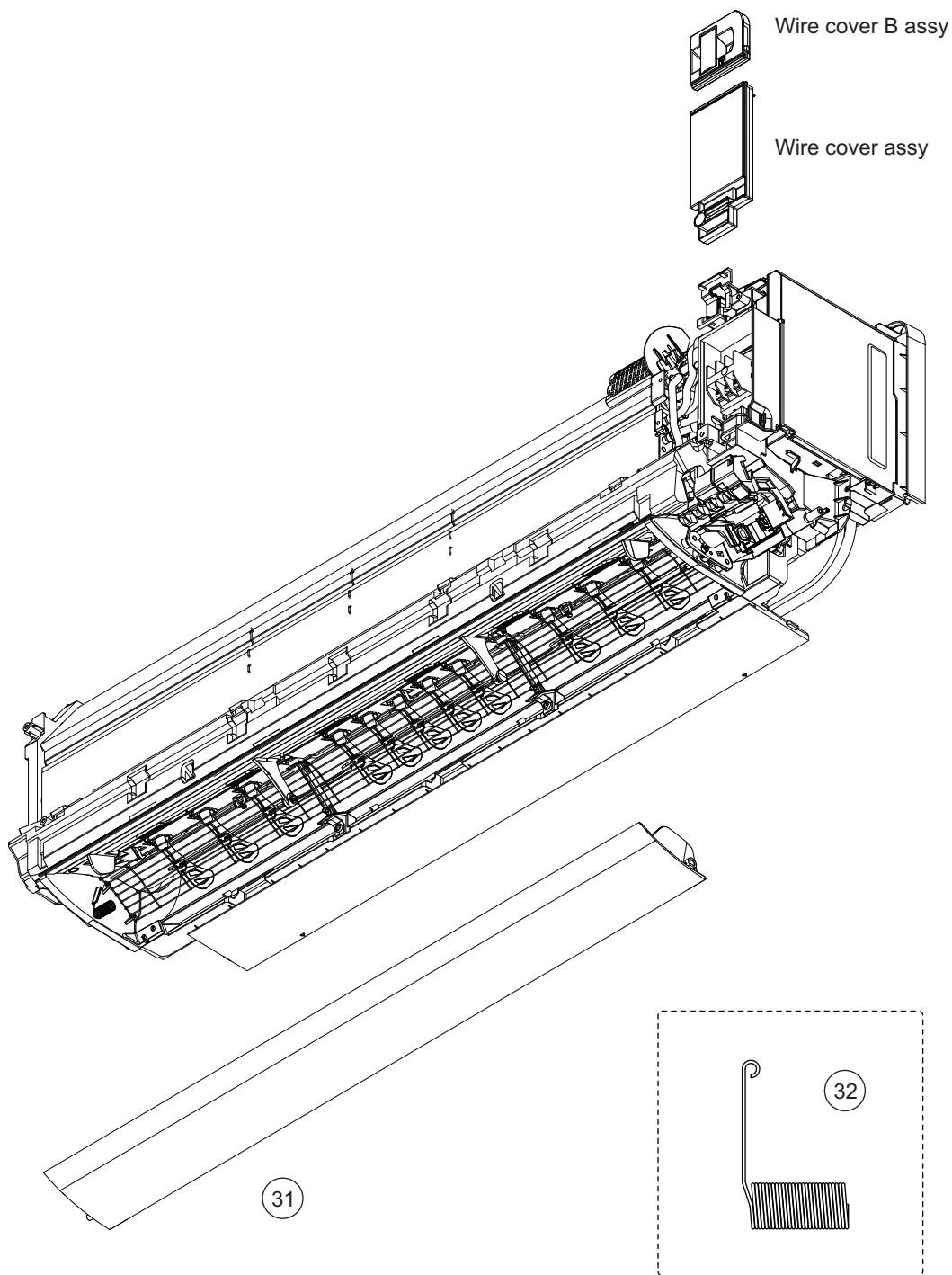
| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------------|--------------|
| 1 | 9383712012 | Remote controller | ◆ |
| 2 | 9318912005 | Remote controller holder | ◆ |
| 3 | 9323351004 | Bracket panel | ◆ |
| 4 | 9332911008 | Electric filter holder | ◆ |
| 5 | 9317250009 | Air clean filter assy | ◆ |



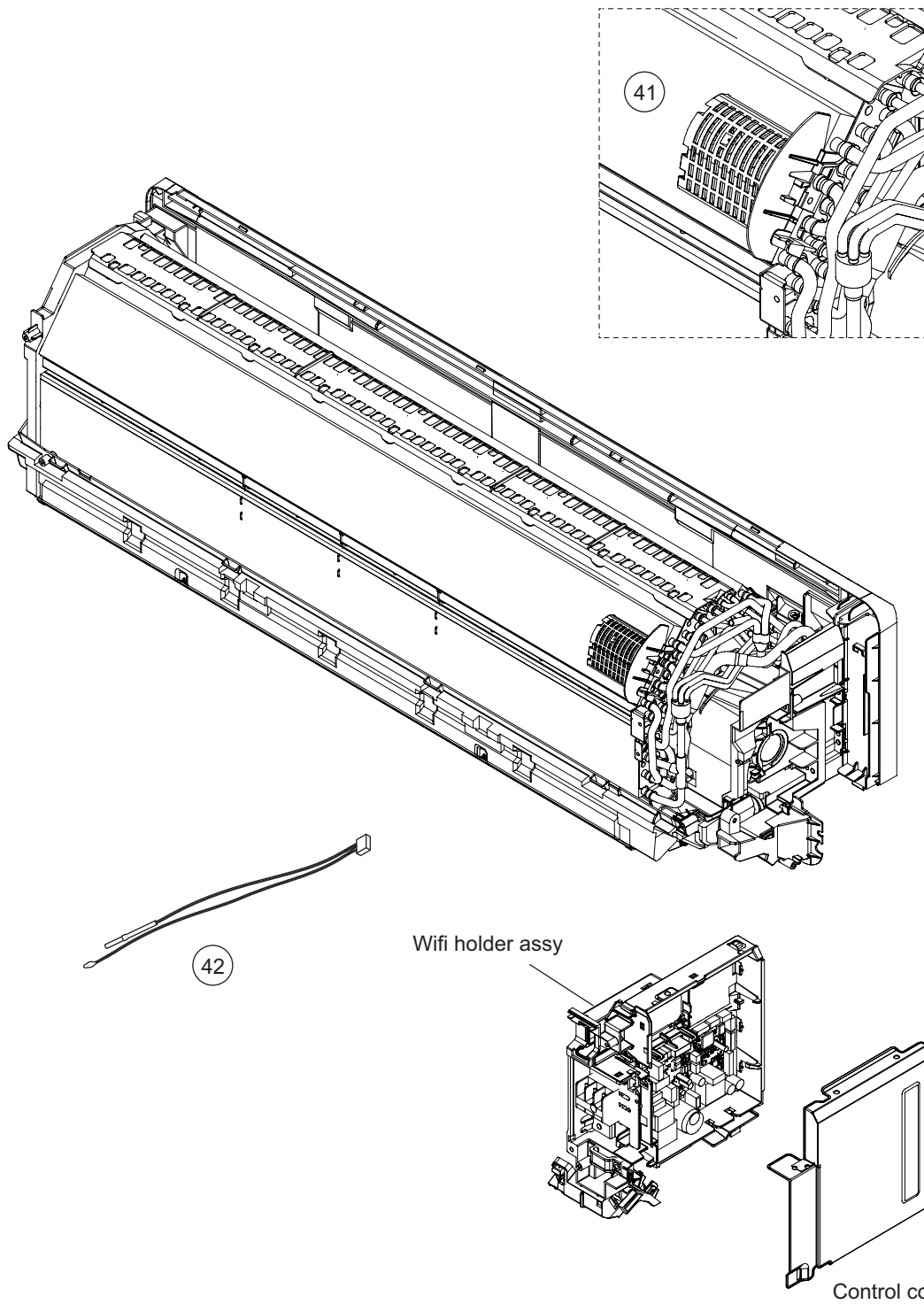
| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 11 | 9387476002 | Screw cap | ◆ |
| 12 | 9323341012 | Under cover L | ◆ |
| 13 | 9323342019 | Under cover R | ◆ |
| 14 | 9387596618 | Front panel total assy | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------|--------------|
| 21 | 9323340008 | Air filter | ◆ |
| 22 | 9387756067 | Intake grille assy | ◆ |

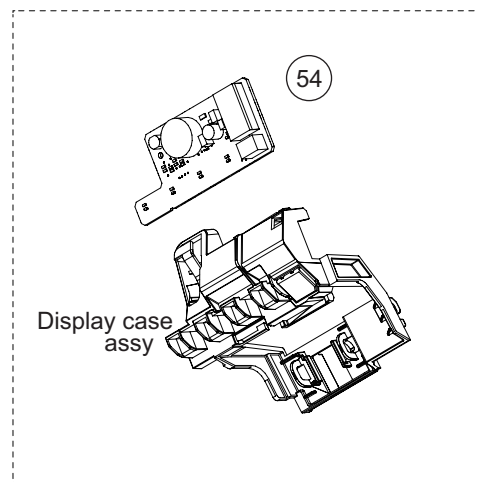
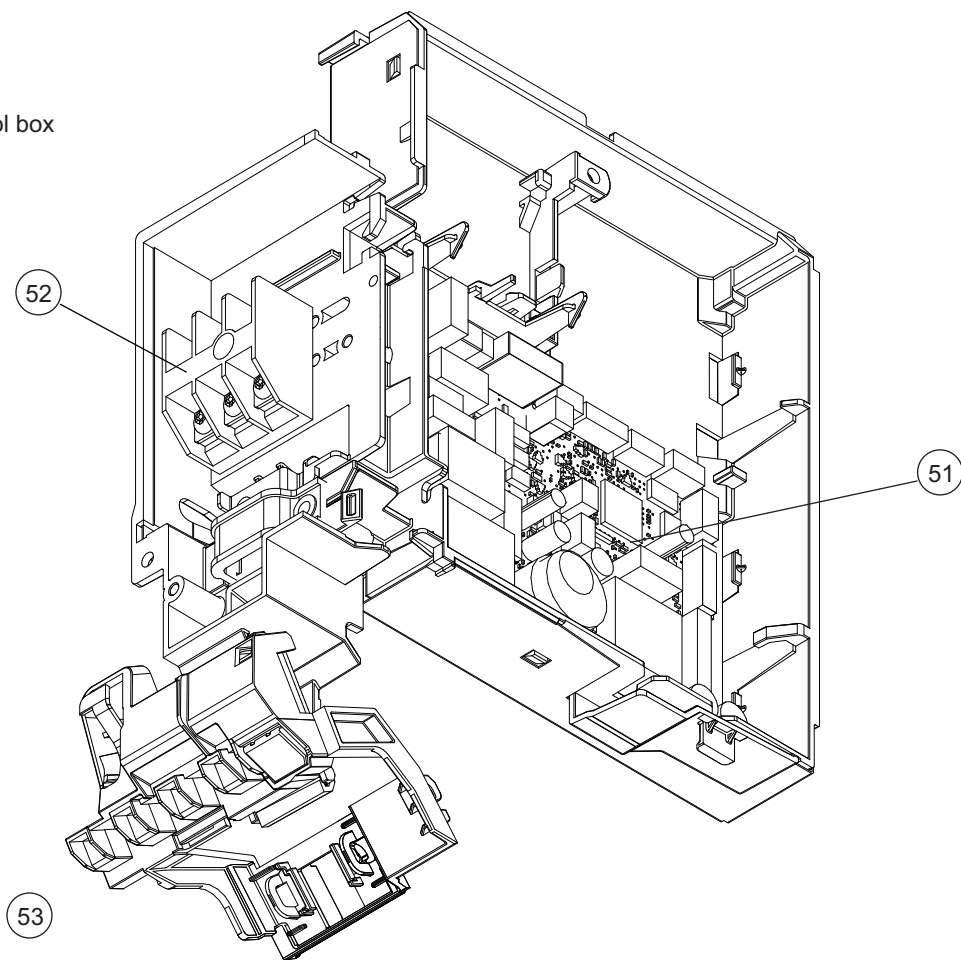


| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------|--------------|
| 31 | 9387479010 | U/D louver assy | ◆ |
| 32 | 9383730030 | Louver spring | ◆ |

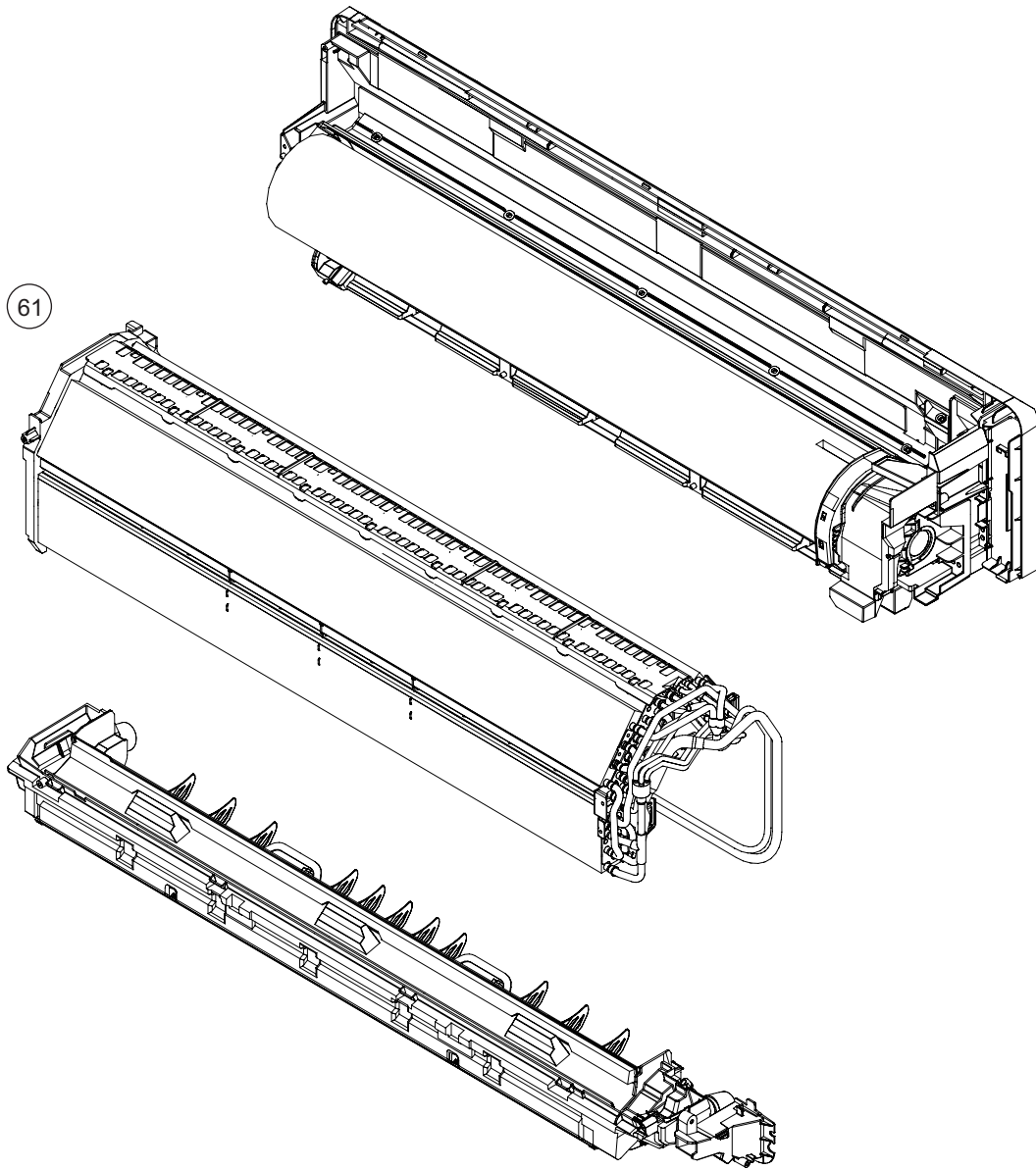


| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 41 | 9387467000 | Room thermistor holder | ◆ |
| 42 | 9900627041 | Thermistor assy | ◆ |

Control box

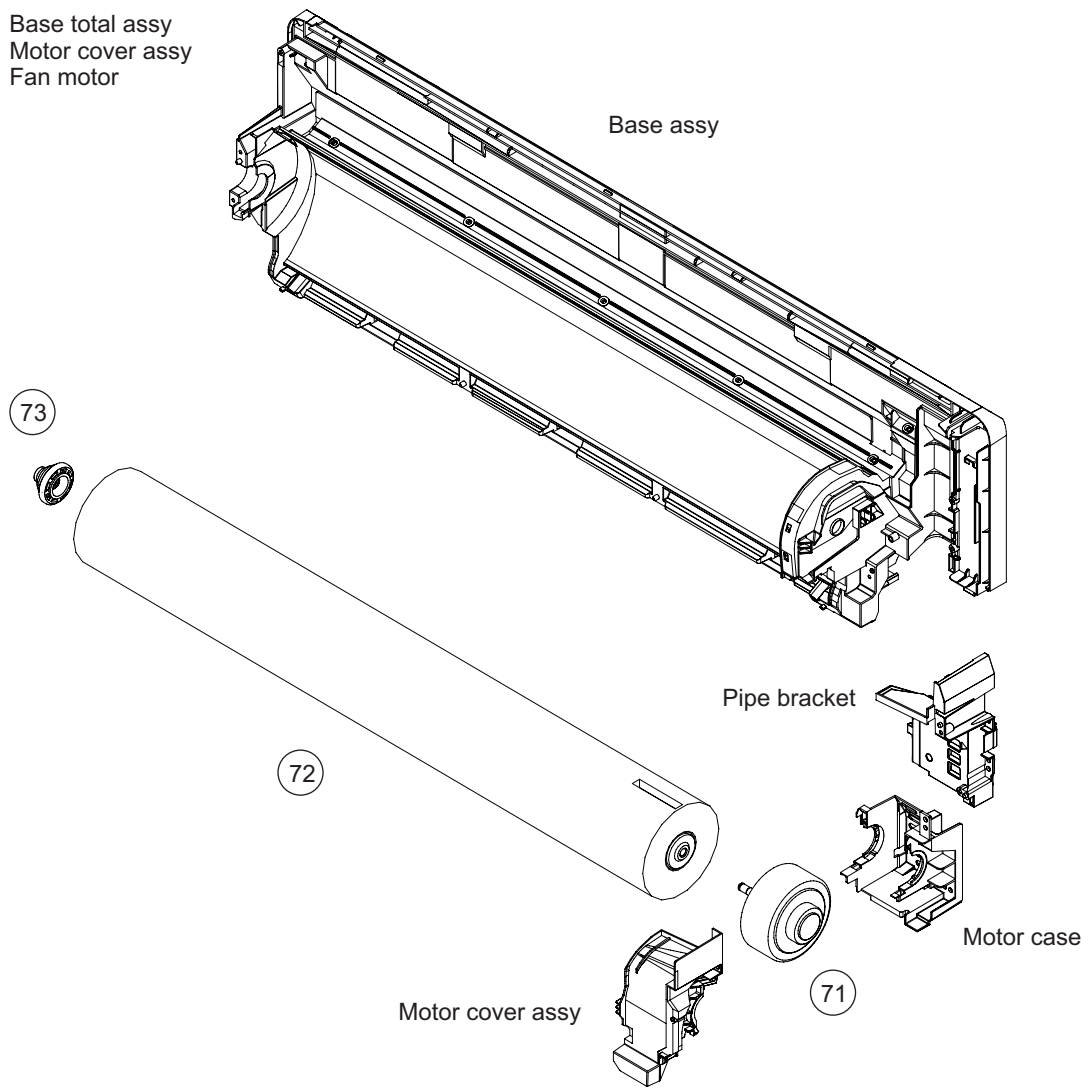


| Item no. | Part no. | Part name | Service part |
|----------|------------|---------------|--------------|
| 51 | 9711141538 | Main PCB | ◆ |
| 52 | 9306489045 | Terminal | ◆ |
| 53 | 9711146052 | Display assy | ◆ |
| 54 | 9711147011 | Indicator PCB | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------------|--------------|
| 61 | 9383735011 | Evaporator total assy | ◆ |

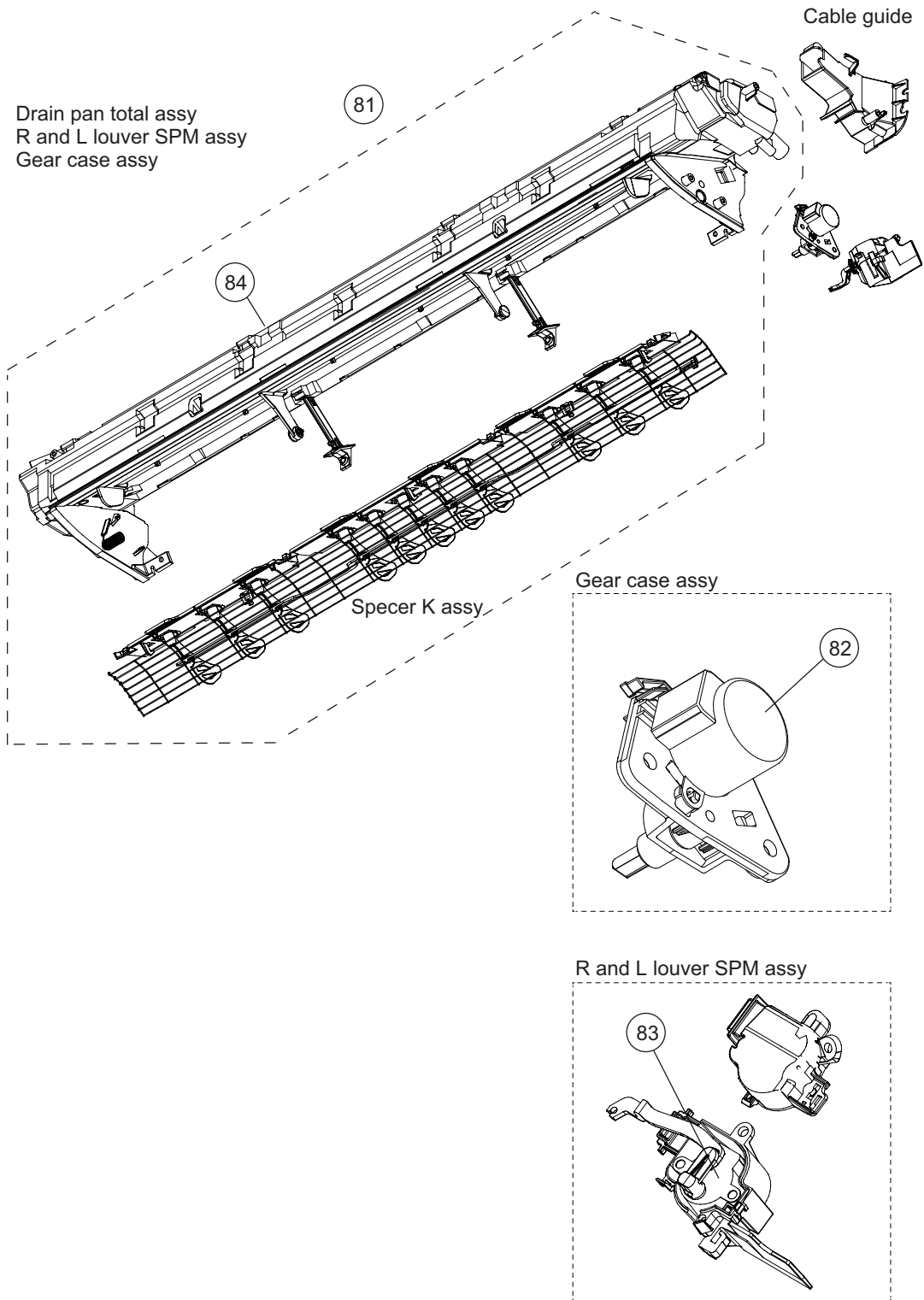
Base total assy
 Motor cover assy
 Fan motor



| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------|--------------|
| 71 | 9603631000 | Brushless motor | ◆ |
| 72 | 9387055054 | Crossflow fan assy | ◆ |
| 73 | 9333628004 | Bearing D assy | ◆ |

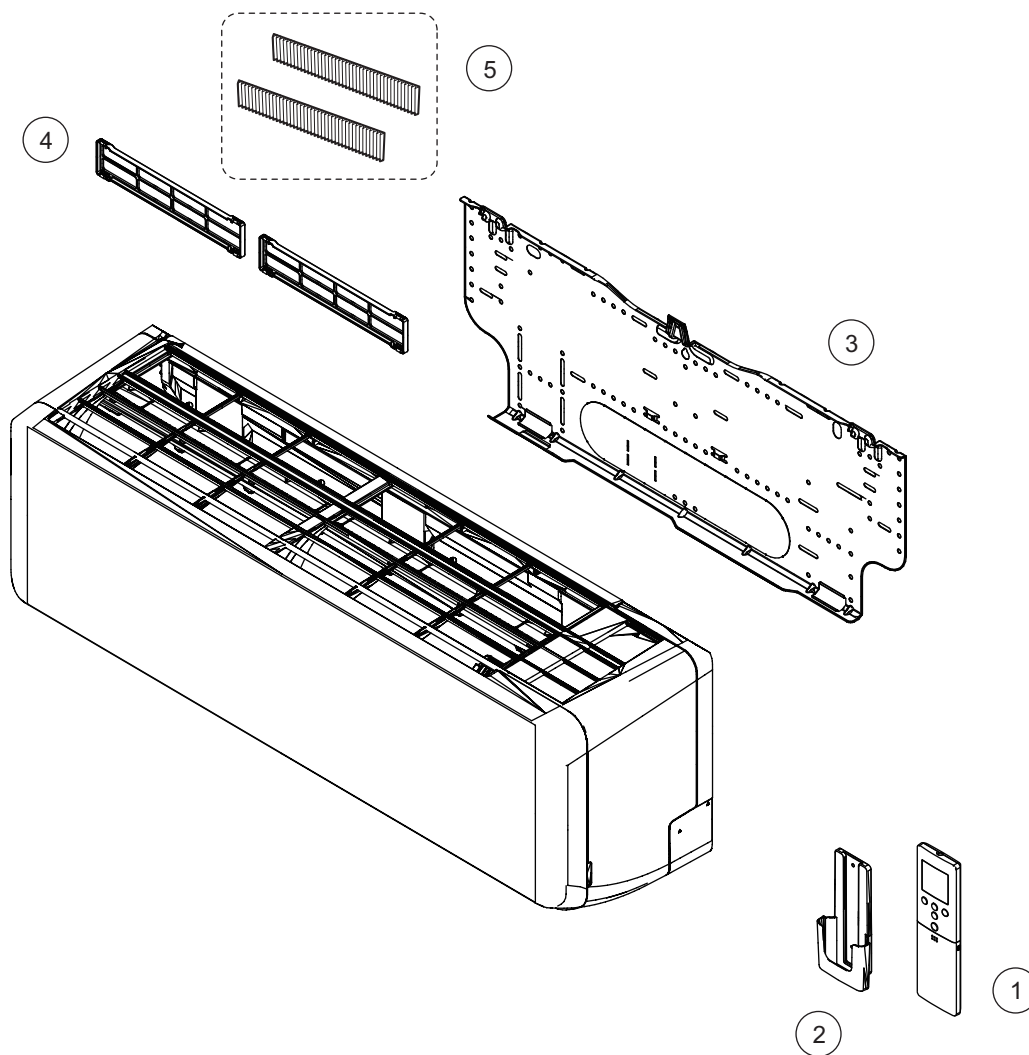
TECHNICAL DATA
 AND PARTS LIST

TECHNICAL DATA
 AND PARTS LIST

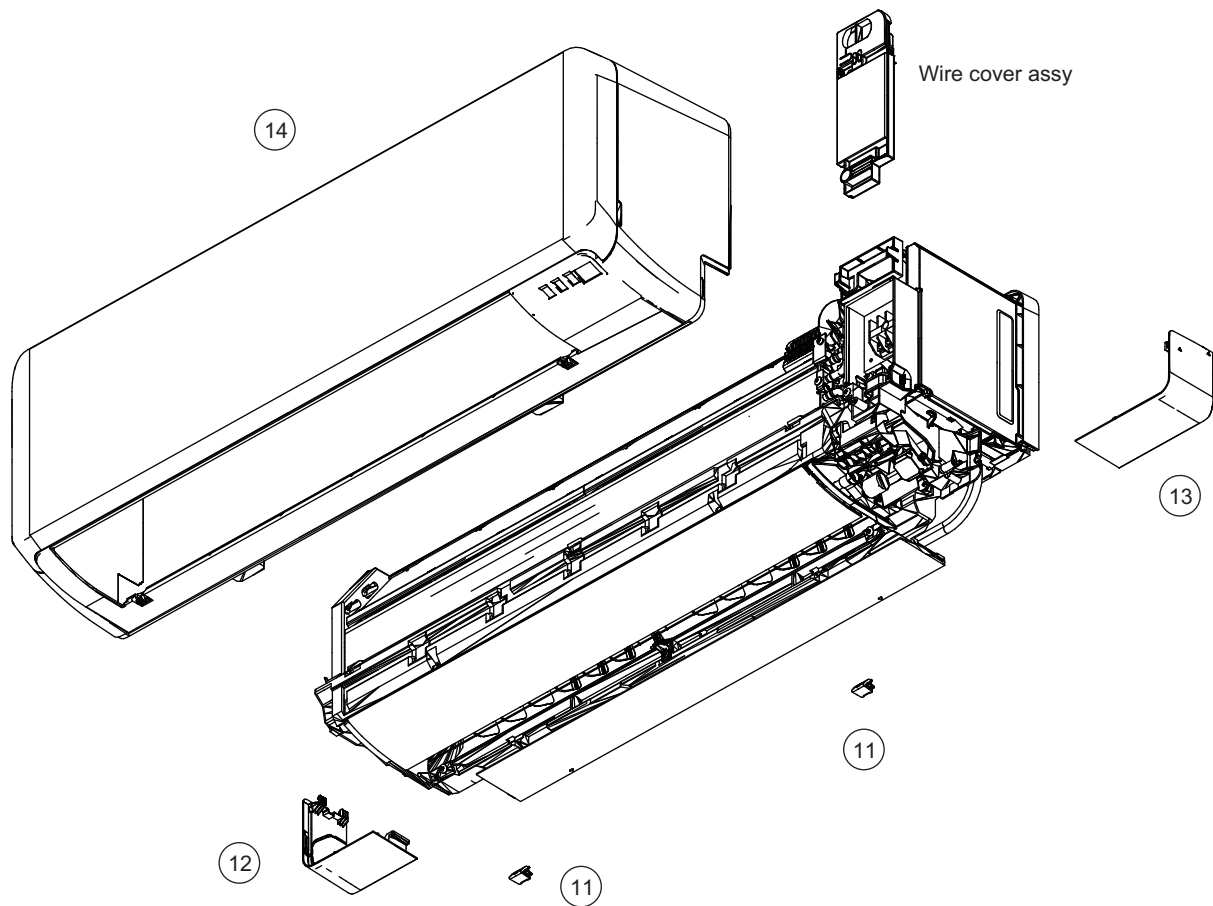


| Item no. | Part no. | Part name | Service part |
|----------|------------|----------------------|--------------|
| 81 | 9387590142 | Drain pan total assy | ◆ |
| 82 | 9901011016 | Stepping motor | ◆ |
| 83 | 9901011023 | Stepping motor | ◆ |
| 84 | 9387590142 | Drain pan assy | ◆ |

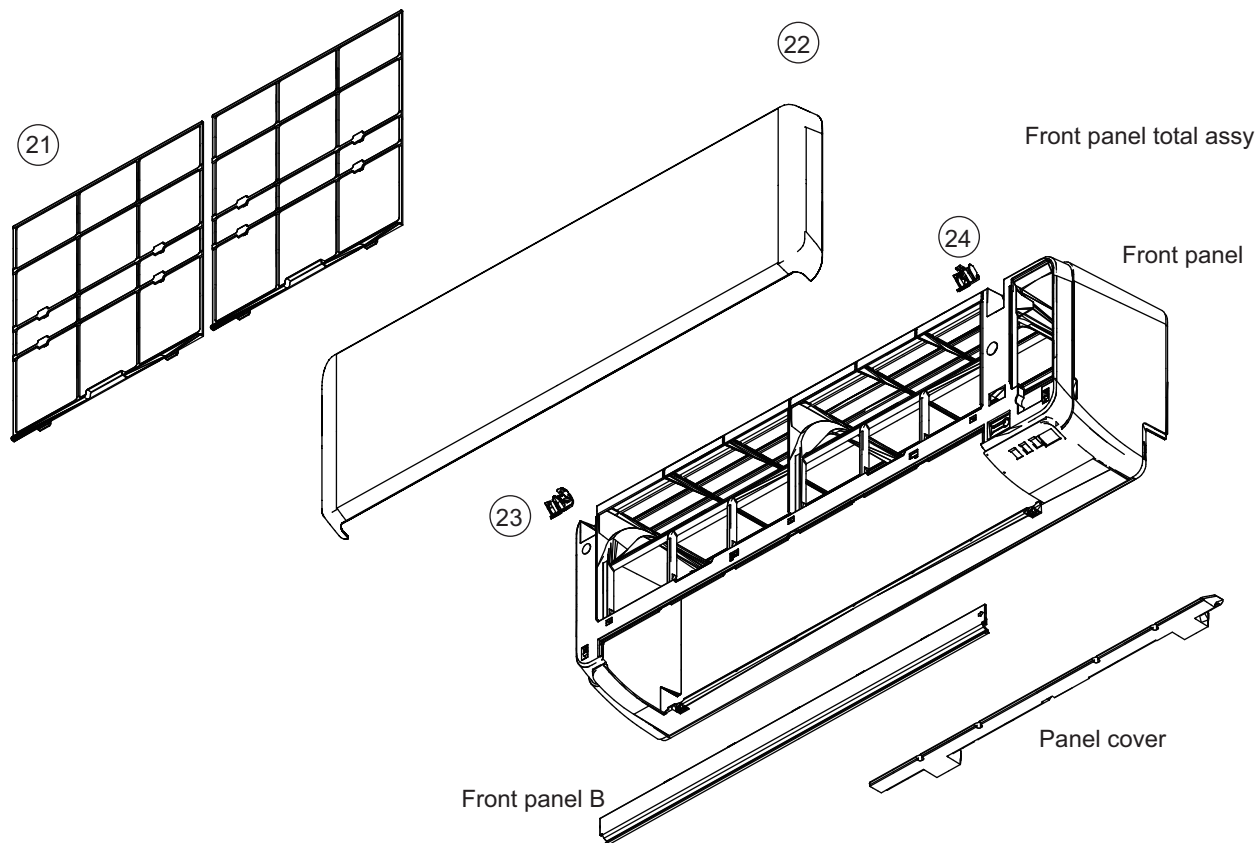
■ Models: ASYG07KMCC, ASYG09KMCC, ASYG12KMCC, and ASYG14KMCC



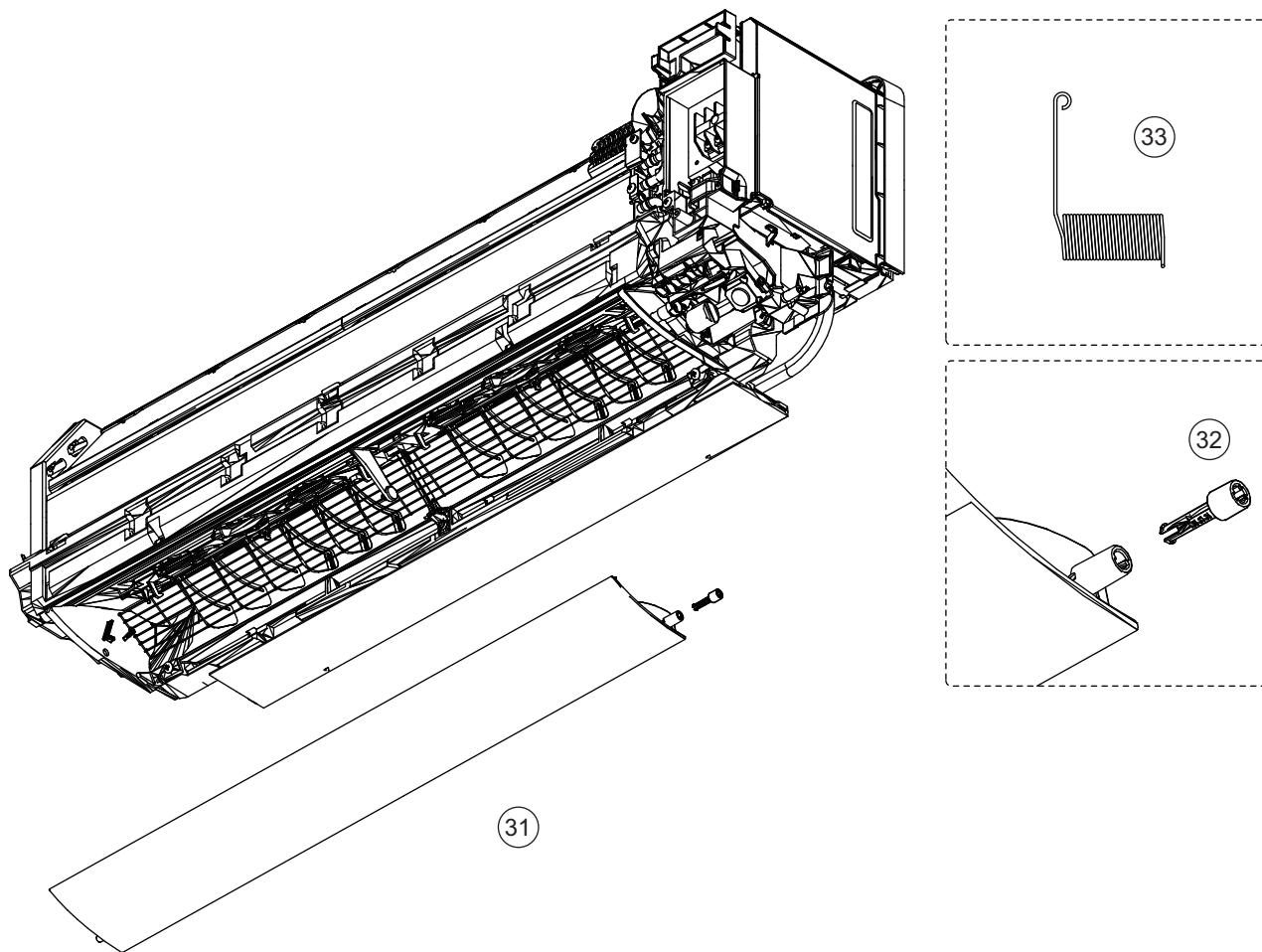
| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------------|--------------|
| 1 | 9319208008 | Remote controller | ◆ |
| 2 | 9318912005 | Remote controller holder | ◆ |
| 3 | 9387480030 | Bracket panel | ◆ |
| 4 | 9332911008 | Electric filter holder | ◆ |
| 5 | 9317250009 | Air clean filter assy | ◆ |



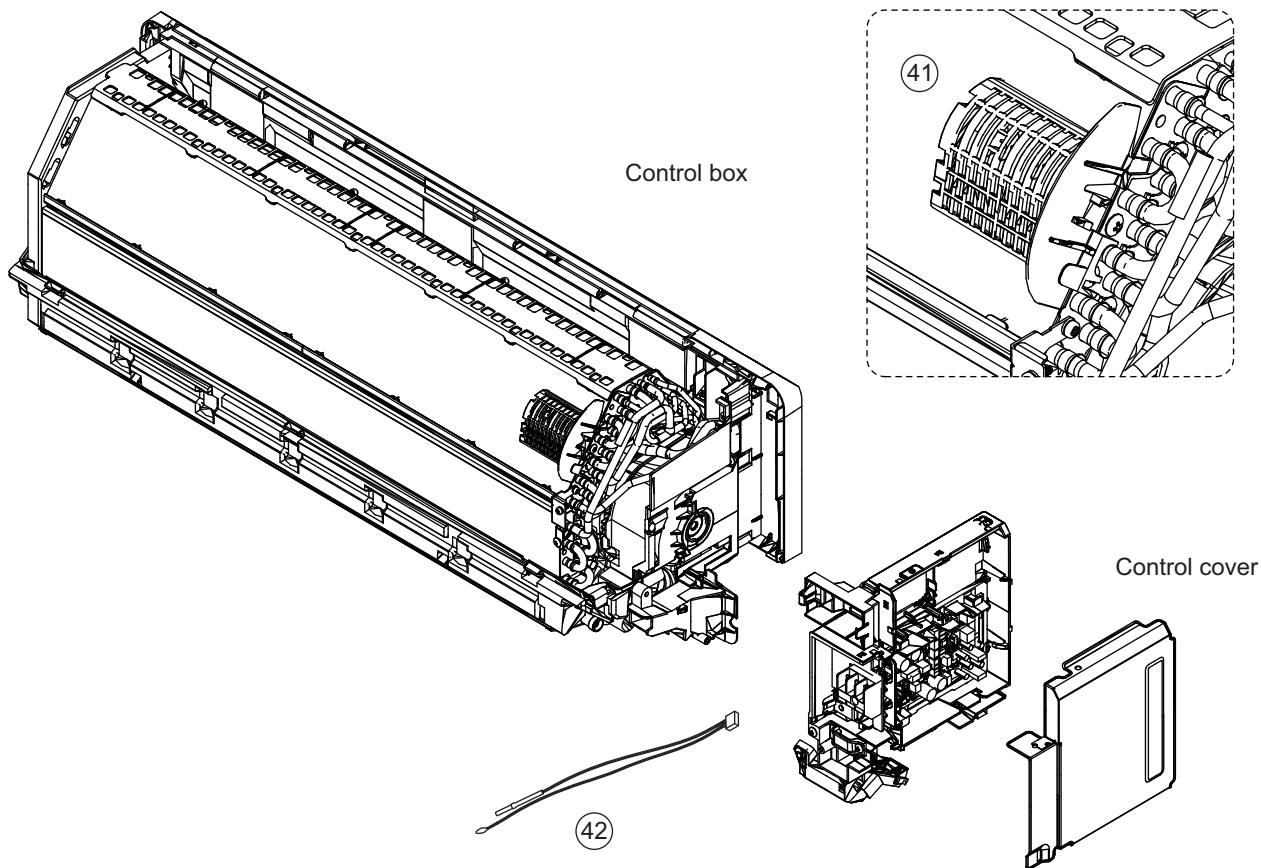
| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 11 | 9387476002 | Screw cap | ◆ |
| 12 | 9387477009 | Under cover L | ◆ |
| 13 | 9387478006 | Under cover R | ◆ |
| 14 | 9387596410 | Front panel total assy | ◆ |



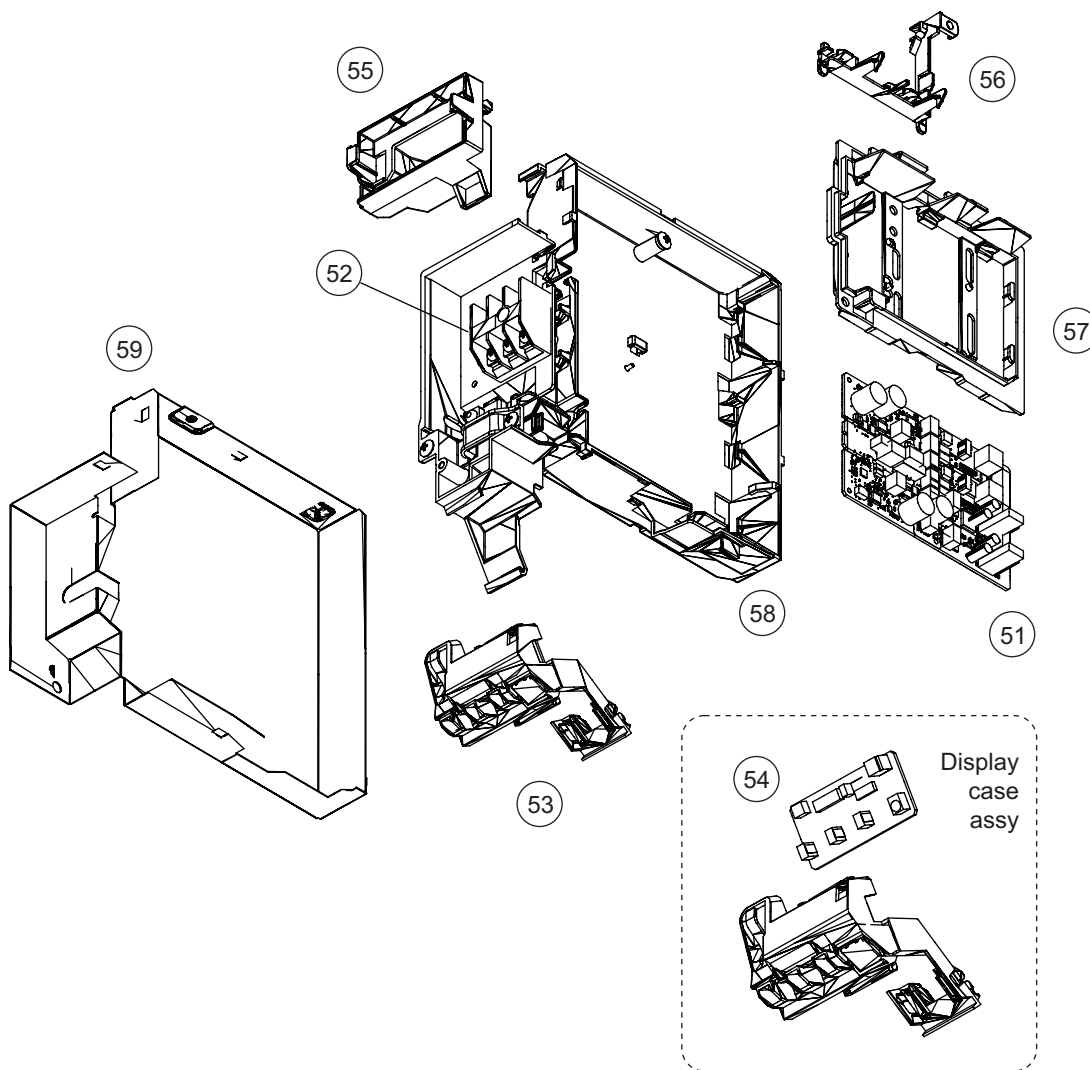
| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------|--------------|
| 21 | 9387473018 | Air filter | ◆ |
| 22 | 9323546004 | Intake grille assy | ◆ |
| 23 | 9333719009 | Grille clamber L | ◆ |
| 23 | 9333704005 | Grille clamber R | ◆ |



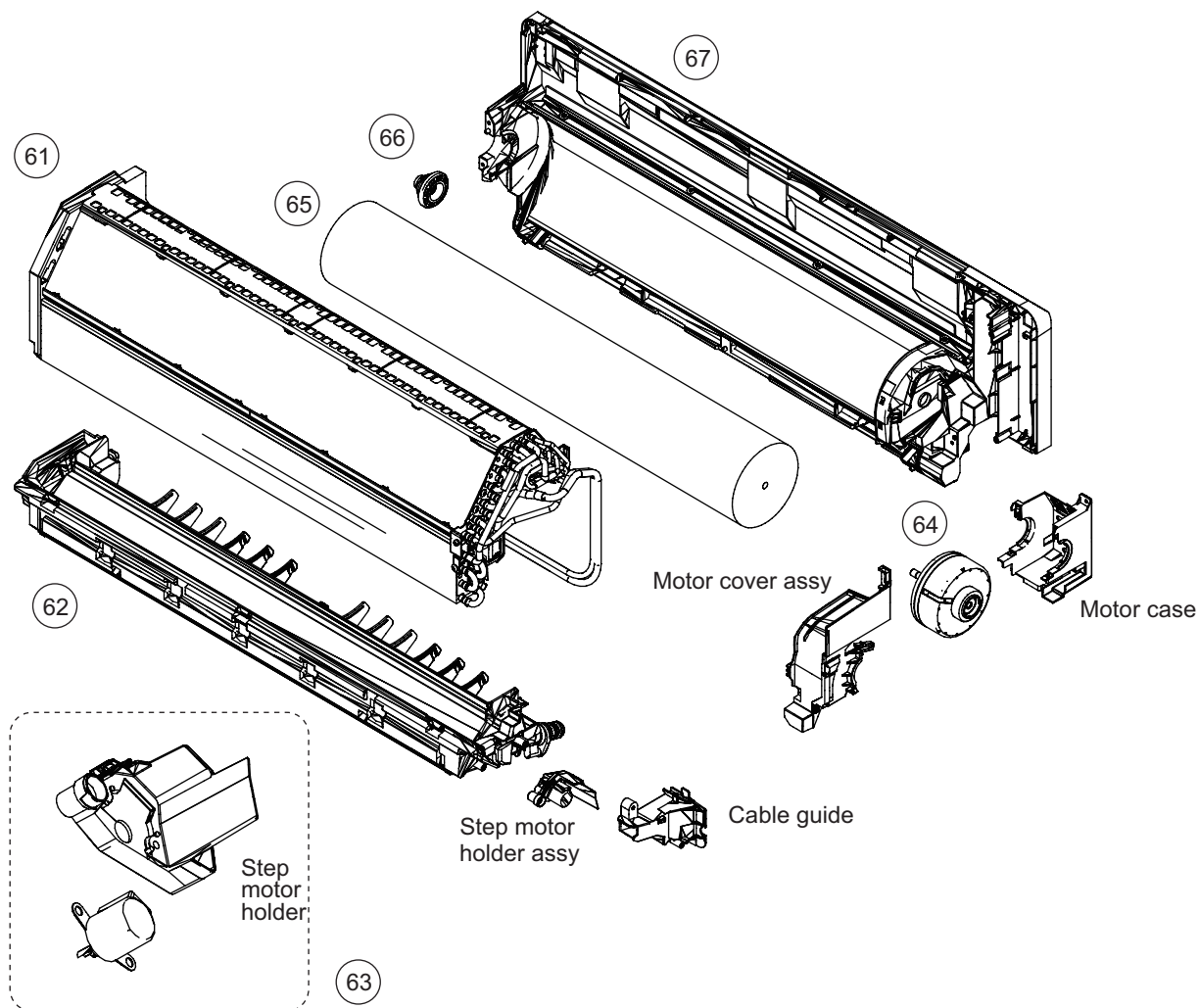
| Item no. | Part no. | Part name | Service part |
|----------|------------|-----------------|--------------|
| 31 | 9387479041 | U/D louver assy | ◆ |
| 32 | 9332861006 | Shaft cover | ◆ |
| 33 | 9333951003 | Louver spring | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------|--------------|
| 41 | 9387467017 | Room thermistor holder | ◆ |
| 42 | 9900627027 | Thermistor assy | ◆ |



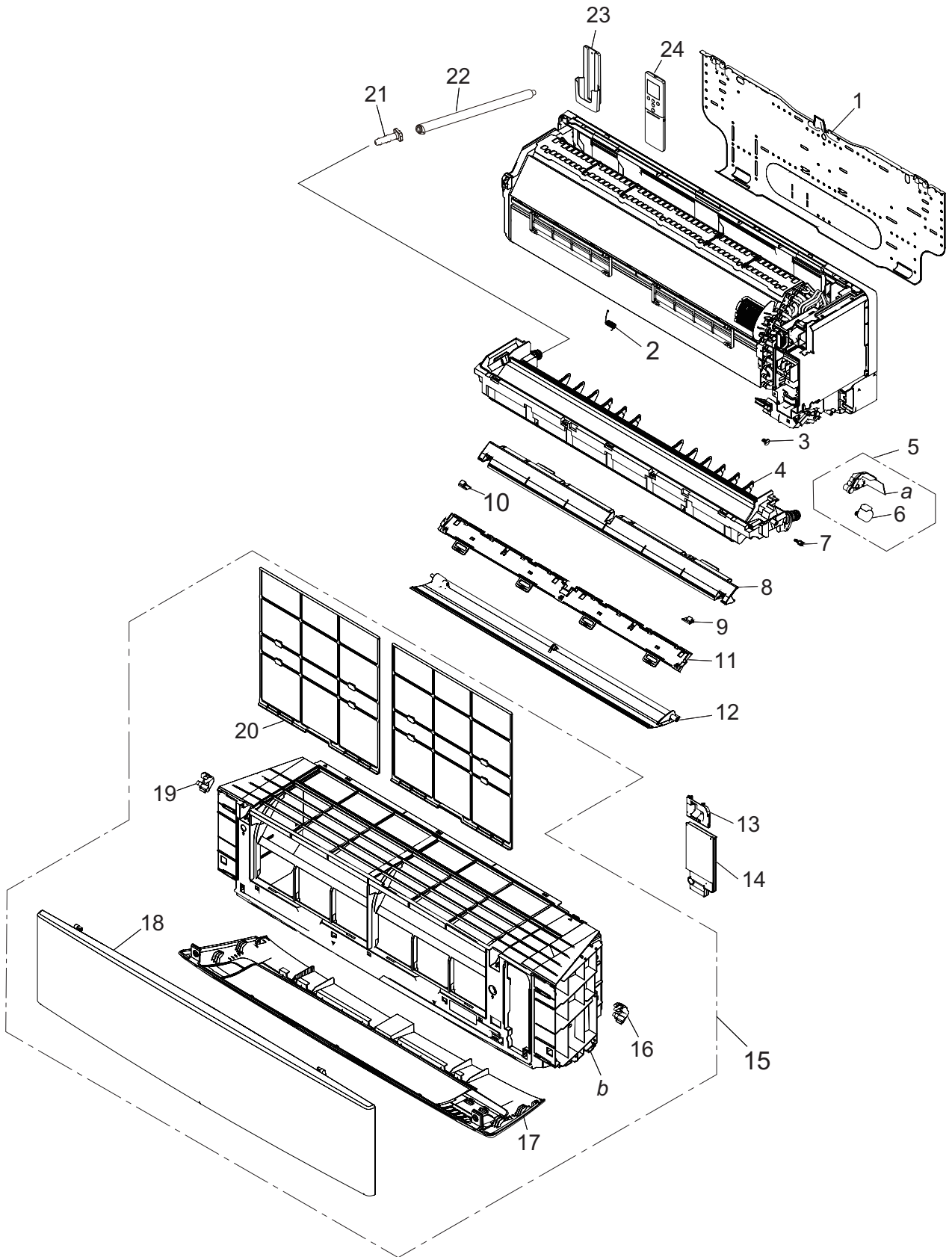
| Item no. | Part no. | Part name | Service part |
|----------|------------|-------------------------|--------------|
| 51 | 9710368448 | Main PCB (For 07 model) | ◆ |
| | 9710368455 | Main PCB (For 09 model) | ◆ |
| | 9710368462 | Main PCB (For 12 model) | ◆ |
| | 9710368479 | Main PCB (For 14 model) | ◆ |
| 52 | 9901013027 | Terminal | ◆ |
| 53 | 9711146069 | Display assy | ◆ |
| 54 | 9711147042 | Indicator PCB | ◆ |
| 55 | 9387485004 | WLAN holder | ◆ |
| 56 | 9387464009 | PWB holder A | ◆ |
| 57 | 9387795011 | PWB holder B | ◆ |
| 58 | 9387463026 | Control box | ◆ |
| 59 | 9323537002 | Box shield | ◆ |



| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 61 | 9387593211 | Evaporator total assy (For 07, 09, 12 model) | ◆ |
| | 9387593204 | Evaporator total assy (For 14 model) | ◆ |
| 62 | 9387590104 | Drain pan total assy | ◆ |
| 63 | 9387714036 | Step motor holder assy | ◆ |
| 64 | 9603688011 | Brushless motor (For 07, 09, 12 model) | ◆ |
| | 9603492014 | Brushless motor (For 14 model) | ◆ |
| 65 | 9333606033 | Crossflow fan assy | ◆ |
| 66 | 9333628004 | Bearing D assy | ◆ |
| 67 | 9387587074 | Base assy | ◆ |

■ Models: ASYG07KETA, ASYG09KETA, ASYG12KETA, ASYG14KETA, ASYG07KETA-B, ASYG09KETA-B, ASYG12KETA-B, and ASYG14KETA-B

● Exterior parts



TECHNICAL DATA
AND PARTS LIST

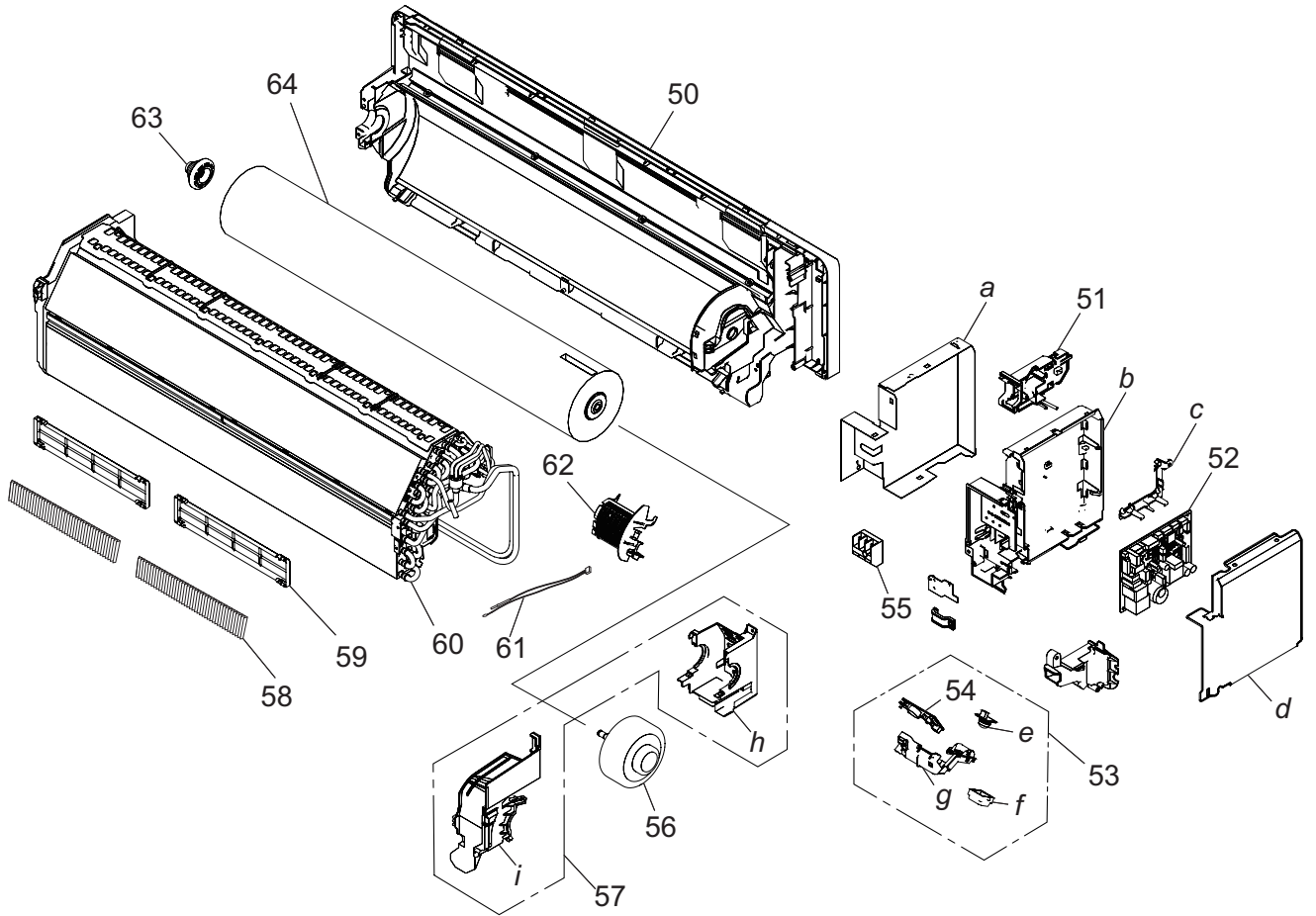
TECHNICAL DATA
AND PARTS LIST

| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 1 | 9387480023 | Bracket panel | ◆ |
| 2 | 9387471007 | Louver spring | ◆ |
| 3 | 9333608006 | Bush | ◆ |
| 4 | 9387590050 | Drain pan total assy | ◆ |
| 5 | 9387714036 | Step motor holder assy | ◆ |
| 6 | 9901011047 | Step motor | ◆ |
| 7 | 9332861006 | Shaft cover (07-14KETA model) | ◆ |
| | 9332861013 | Shaft cover (07-14KETA-B model) | ◆ |
| 8 | 9333766072 | Blow panel assy (07-14KETA model) | ◆ |
| | 9333766089 | Blow panel assy (07-14KETA-B model) | ◆ |
| 9 | 9384065001 | Cap (screw) L (07-14KETA model) | ◆ |
| | 9384065018 | Cap (screw) L (07-14KETA-B model) | ◆ |
| 10 | 9384066008 | Cap (screw) R (07-14KETA model) | ◆ |
| | 9384066015 | Cap (screw) R (07-14KETA-B model) | ◆ |
| 11 | 9387711028 | Spacer H assy | ◆ |
| 12 | 9387479003 | U/D louver assy (07-14KETA model) | ◆ |
| | 9387479034 | U/D louver assy (07-14KETA-B model) | ◆ |
| 13 | 9383613036 | Wire cover B (07-14KETA model) | ◆ |
| | 9383613043 | Wire cover B (07-14KETA-B model) | ◆ |
| 14 | 9387597035 | Wire cover assy (07-14KETA model) | ◆ |
| | 9387597073 | Wire cover assy (07-14KETA-B model) | ◆ |
| 15 | 9387596304 | Front panel total assy (07-14KETA model) | ◆ |
| | 9387596311 | Front panel total assy (07-14KETA-B model) | ◆ |
| 16 | 9333704005 | Grille clamper R | ◆ |
| 17 | 9384140005 | Under cover assy (07-14KETA model) | ◆ |
| | 9384140036 | Under cover assy (07-14KETA-B model) | ◆ |
| 18 | 9387756159 | Intake grille assy (07-14KETA model) | ◆ |
| | 9387756166 | Intake grille assy (07-14KETA-B model) | ◆ |
| 19 | 9333719009 | Grille clamper L | ◆ |
| 20 | 9387473018 | Air filter | ◆ |
| 21 | 9316177017 | Drain cap | ◆ |
| 22 | 9316904002 | Drain hose assy | ◆ |
| 23 | 9318912005 | Remote controller holder | ◆ |
| 24 | 9383712036 | Remote controller | ◆ |
| <i>a</i> | — | Step motor holder | — |
| <i>b</i> | — | Front panel | — |

● Base, evaporator, and control

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

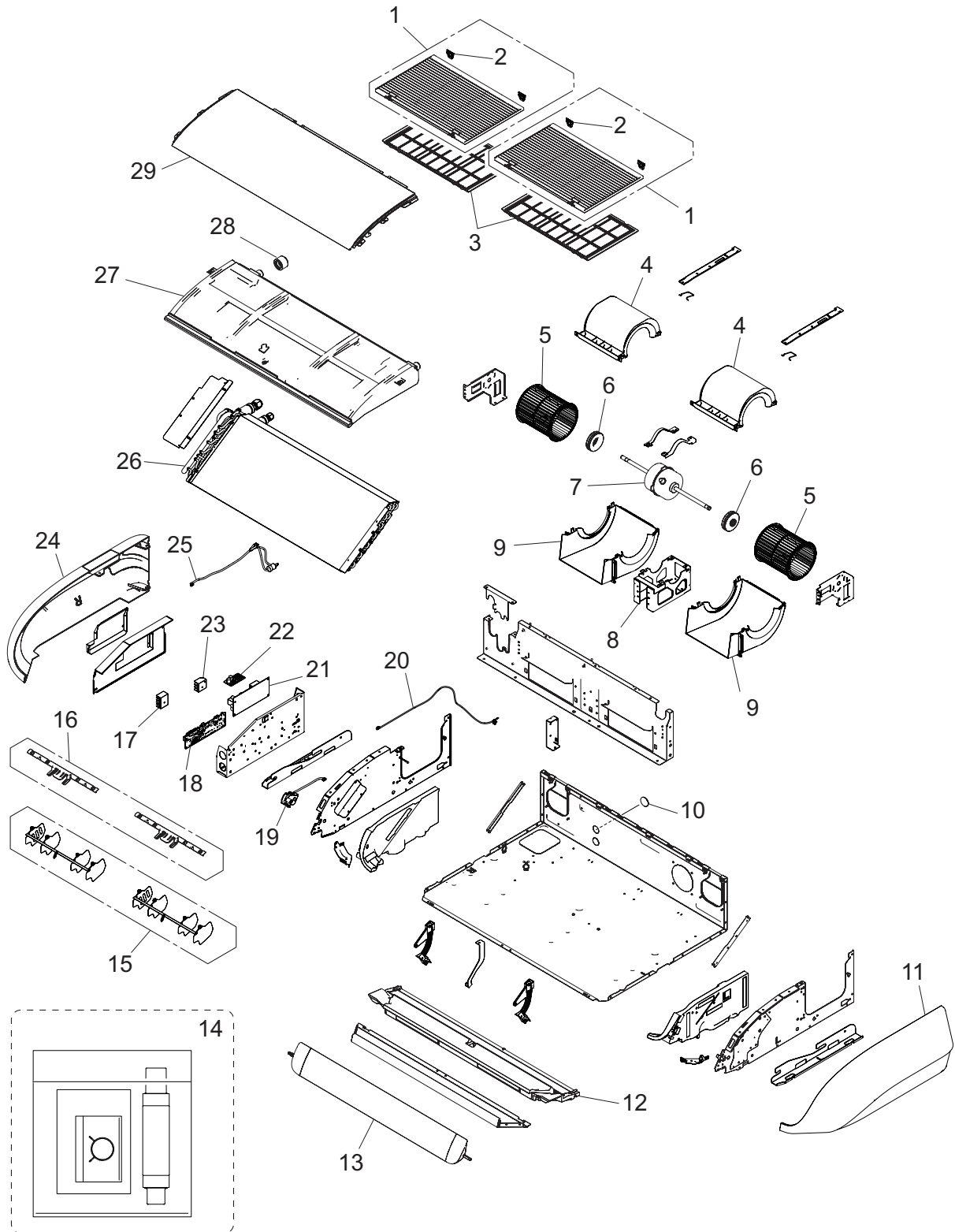


| Item no. | Part no. | Part name | Service part |
|----------|------------|---|--------------|
| 50 | 9387587012 | Base assy (07-14KETA model) | ◆ |
| | 9387587050 | Base assy (07-14KETA-B model) | ◆ |
| 51 | 9383765032 | WLAN adapter holder assy | ◆ |
| 52 | 9711141590 | Main PCB (For 07 model) | ◆ |
| | 9711141606 | Main PCB (For 09 model) | ◆ |
| | 9711141613 | Main PCB (For 12 model) | ◆ |
| | 9711141620 | Main PCB (For 14 model) | ◆ |
| 53 | 9711382009 | Display assy | ◆ |
| 54 | 9711358004 | PWB ASSY | ◆ |
| 55 | 9900369057 | Terminal | ◆ |
| 56 | 9603768003 | Brushless motor (For 07-12 model) | ◆ |
| | 9603631017 | Brushless motor (For 14 model) | ◆ |
| 57 | 9387589030 | Motor case assy | ◆ |
| 58 | 9317250009 | Air clean filter assy | ◆ |
| 59 | 9332911008 | Electric filter holder | ◆ |
| 60 | 9387593143 | Evaporator total assy (For 07-12 model) | ◆ |
| | 9387593150 | Evaporator total assy (For 14 model) | ◆ |
| 61 | 9900627041 | Thermistor assy | ◆ |
| 62 | 9387467000 | Room thermistor holder | ◆ |
| 63 | 9333628004 | Bearing D assy | ◆ |
| 64 | 9387055047 | Crossflow fan assy | ◆ |
| a | - | Box shield | — |
| b | - | Control box | — |
| c | - | PCB holder A | — |
| d | - | Motion sensor | — |
| e | - | Front panel cover B assy | — |
| f | - | Display case assy | — |
| g | - | Control cover | — |
| h | - | Motor case | — |
| i | - | Motor cover | — |

3-5. Ceiling type

■ Model: ABYG18KRTA

● Chassis



TECHNICAL DATA
AND PARTS LIST

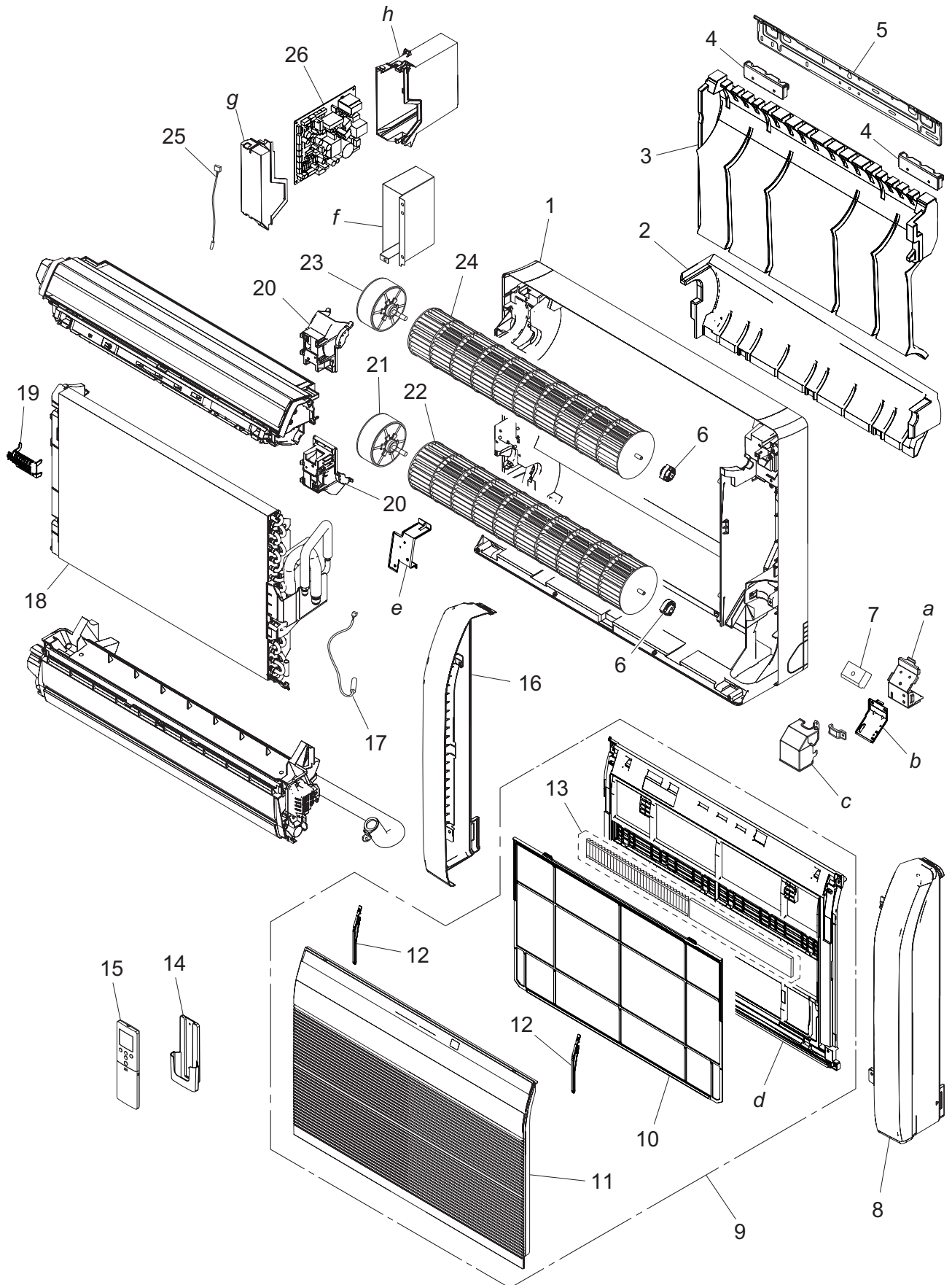
TECHNICAL DATA
AND PARTS LIST

| Item no. | Part no. | Part name | Service part |
|----------|------------|------------------------------|--------------|
| 1 | 9384321015 | Intake grille B sub assy | ◆ |
| 2 | 9383344008 | Grille hinge (2 pcs.) | ◆ |
| 3 | 9383342011 | Air filter B | ◆ |
| 4 | 9384307002 | Casing U assy | ◆ |
| 5 | 9384110015 | Sirocco fan assy | ◆ |
| 6 | 9383443008 | Rubber (Vibration proof) | ◆ |
| 7 | 9603817008 | Brushless DC motor | ◆ |
| 8 | 9384236005 | Motor mount assy | ◆ |
| 9 | 9384311009 | Casing B assy | ◆ |
| 10 | 9352173011 | Cap (Power) | ◆ |
| 11 | 9383406003 | Side panel L | ◆ |
| 12 | 9384308023 | Top panel cover assy (2-fan) | ◆ |
| 13 | 9384144027 | Flap assy (2-fan) | ◆ |
| 14 | 9384324009 | Hose sub assy | ◆ |
| 15 | 9383384004 | L and R louver | ◆ |
| 16 | 9383385001 | Base (Louver) | ◆ |
| 17 | 9900896027 | Terminal (5P) | ◆ |
| 18 | 9710995972 | Main PCB | ◆ |
| 19 | 9384312006 | Box (Gear) sub assy | ◆ |
| 20 | 9900960049 | Thermistor (Room) | ◆ |
| 21 | 9710661006 | Power supply PCB | ◆ |
| 22 | 9710019005 | 2-way remote PCB | ◆ |
| 23 | 9306489045 | Terminal (3P) | ◆ |
| 24 | 9384320001 | Side panel R sub assy | ◆ |
| 25 | 9900892029 | Thermistor (Pipe) | ◆ |
| 26 | 9384287021 | Evaporator total assy | ◆ |
| 27 | 9384364029 | Drain pan total assy (2-fan) | ◆ |
| 28 | 9358746004 | Drain cap | ◆ |
| 29 | 9384241023 | Front panel (2-fan) assy | ◆ |

3-6. Floor type

■ Models: AGYG09KVCA, AGYG12KVCA, and AGYG14KVCA

● Exterior parts and chassis



TECHNICAL DATA
AND PARTS LIST

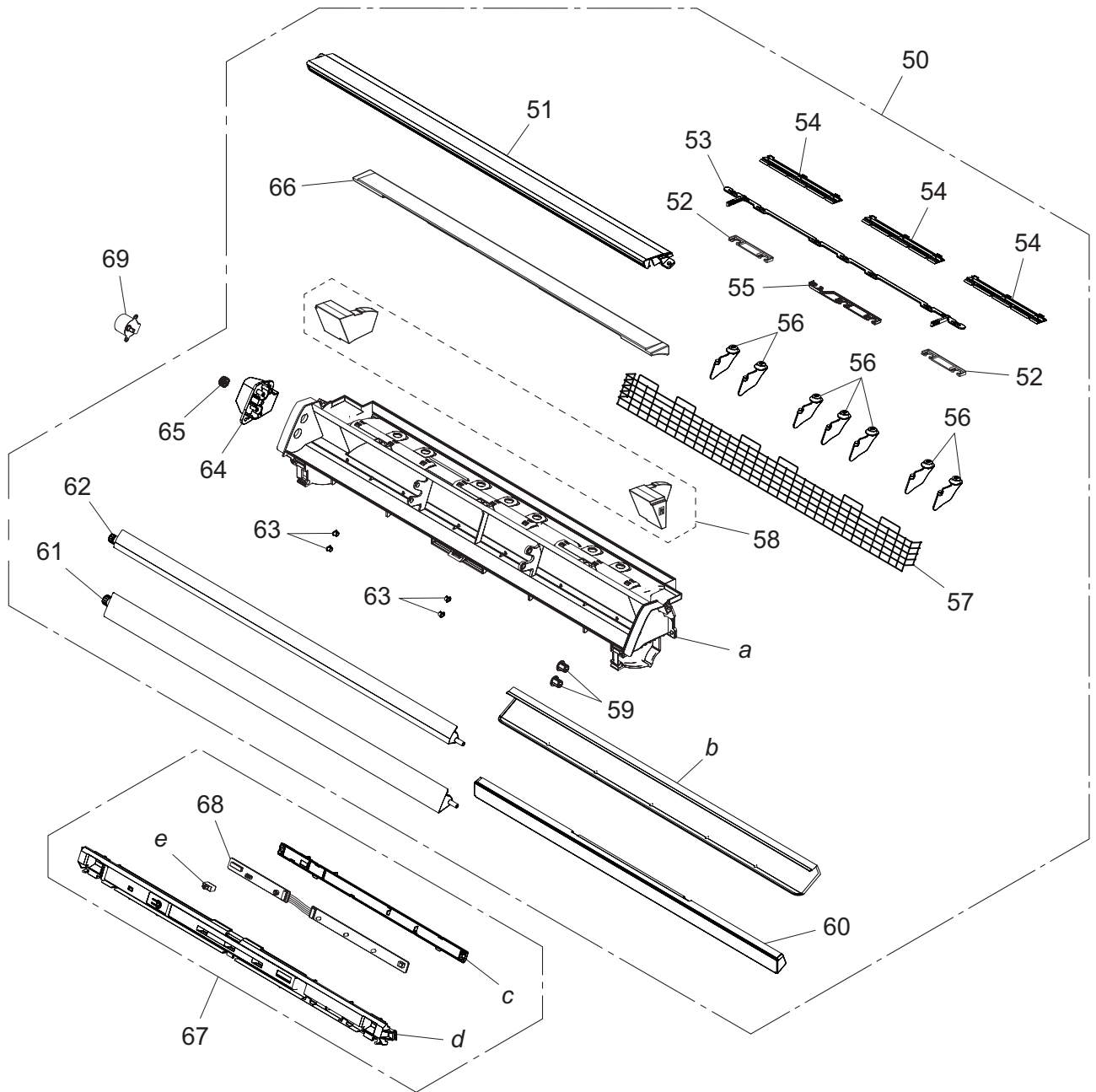
TECHNICAL DATA
AND PARTS LIST

| Item no. | Part no. | Part name | Service part |
|----------|------------|--------------------------|--------------|
| 1 | 9316193024 | Base | ◆ |
| 2 | 9316197015 | Base cover A | ◆ |
| 3 | 9316373013 | Base cover B | ◆ |
| 4 | 9316405011 | Base bracket | ◆ |
| 5 | 9316272019 | Bracket panel | ◆ |
| 6 | 9306628024 | Bearing C assy | ◆ |
| 7 | 9900720087 | Terminal (3P) | ◆ |
| 8 | 9316186019 | Front panel R | ◆ |
| 9 | 9316415164 | Front panel total assy | ◆ |
| 10 | 9316189027 | Air filter | ◆ |
| 11 | 9316418059 | Intake grille assy | ◆ |
| 12 | 9316458017 | Rope assy | ◆ |
| 13 | 9316474017 | Air clean filter assy | ◆ |
| 14 | 9318912005 | Remote controller holder | ◆ |
| 15 | 9332438864 | Remote controller | ◆ |
| 16 | 9316187016 | Front panel L | ◆ |
| 17 | 9900991005 | Pipe thermistor | ◆ |
| 18 | 9316091269 | Evaporator total assy | ◆ |
| 19 | 9316192027 | Thermistor holder | ◆ |
| 20 | 9316195011 | Motor holder | ◆ |
| 21 | 9602851003 | Fan motor (MFD-14SXN) | ◆ |
| 22 | 9316309012 | Crossflow fan B assy | ◆ |
| 23 | 9602850006 | Fan motor (MFD-14TXN) | ◆ |
| 24 | 9312004034 | Crossflow fan assy | ◆ |
| 25 | 9900975067 | Room thermistor | ◆ |
| 26 | 9711694065 | Main PCB (09 model) | ◆ |
| | 9711694072 | Main PCB (12 model) | ◆ |
| | 9711694089 | Main PCB (14 model) | ◆ |
| <i>a</i> | — | Terminal bracket | — |
| <i>b</i> | — | Cable bracket | — |
| <i>c</i> | — | Terminal cover | — |
| <i>d</i> | — | Front panel | — |
| <i>e</i> | — | Terminal bracket (COM) | — |
| <i>f</i> | — | Control box shield | — |
| <i>g</i> | — | Control box cover | — |
| <i>h</i> | — | Control box | — |

● Casing

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

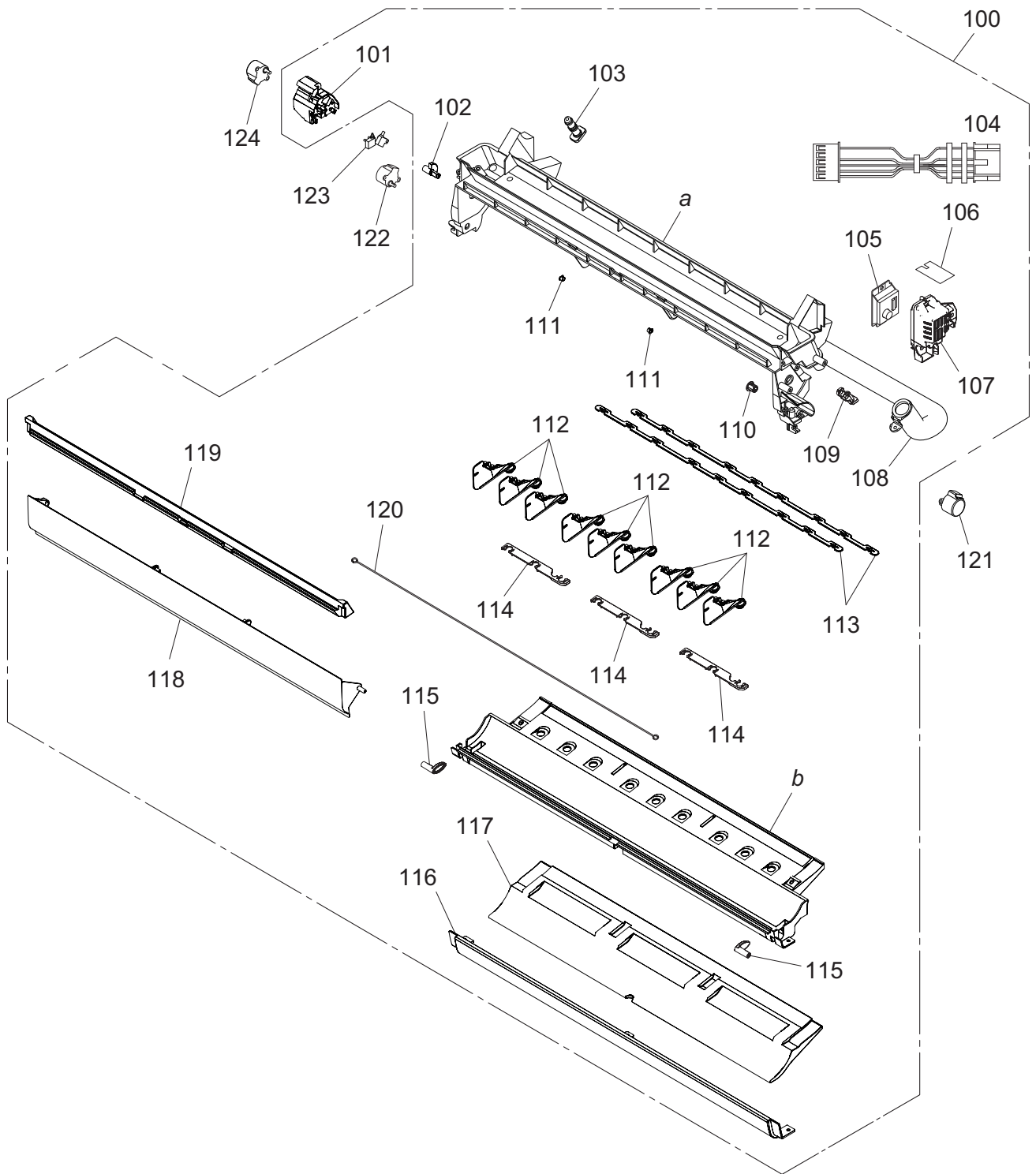


| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 50 | 9316411012 | Casing assy | ◆ |
| 51 | 9316207011 | Top cover | ◆ |
| 52 | 9315281012 | Spacer C | ◆ |
| 53 | 9316209015 | Joint U | ◆ |
| 54 | 9316210011 | Guard holder | ◆ |
| 55 | 9315282019 | Spacer D | ◆ |
| 56 | 9316208018 | L and R louver U | ◆ |
| 57 | 9316211018 | Fan guard | ◆ |
| 58 | 9316310018 | Casing cover L and R | ◆ |
| 59 | 9303529010 | Bushing B | ◆ |
| 60 | 9316308015 | Casing cover F | ◆ |
| 61 | 9316206014 | Louver Z | ◆ |
| 62 | 9316205017 | Louver U | ◆ |
| 63 | 9303529010 | Bushing A | ◆ |
| 64 | 9316213012 | Gear case | ◆ |
| 65 | 9309994003 | Gear A | ◆ |
| 66 | 9316273016 | Casing cover B | ◆ |
| 67 | 9711714008 | Display assy | ◆ |
| 68 | 9711696007 | Indicator PCB | ◆ |
| — | 9707580020 | Wire with connector (P1002 on Indicator PCB—P360 on Main PCB) | ◆ |
| — | 9707581010 | Wire with connector (White) (P1001 on Indicator PCB—P1000 on Indicator PCB) | ◆ |
| 69 | 9900384043 | Step motor (Up/Down) | ◆ |
| <i>a</i> | — | Casing | — |
| <i>b</i> | — | Casing reinforcement | — |
| <i>c</i> | — | Display cover | — |
| <i>d</i> | — | Display case | — |
| <i>e</i> | — | Switch cover | — |

● Drain pan

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

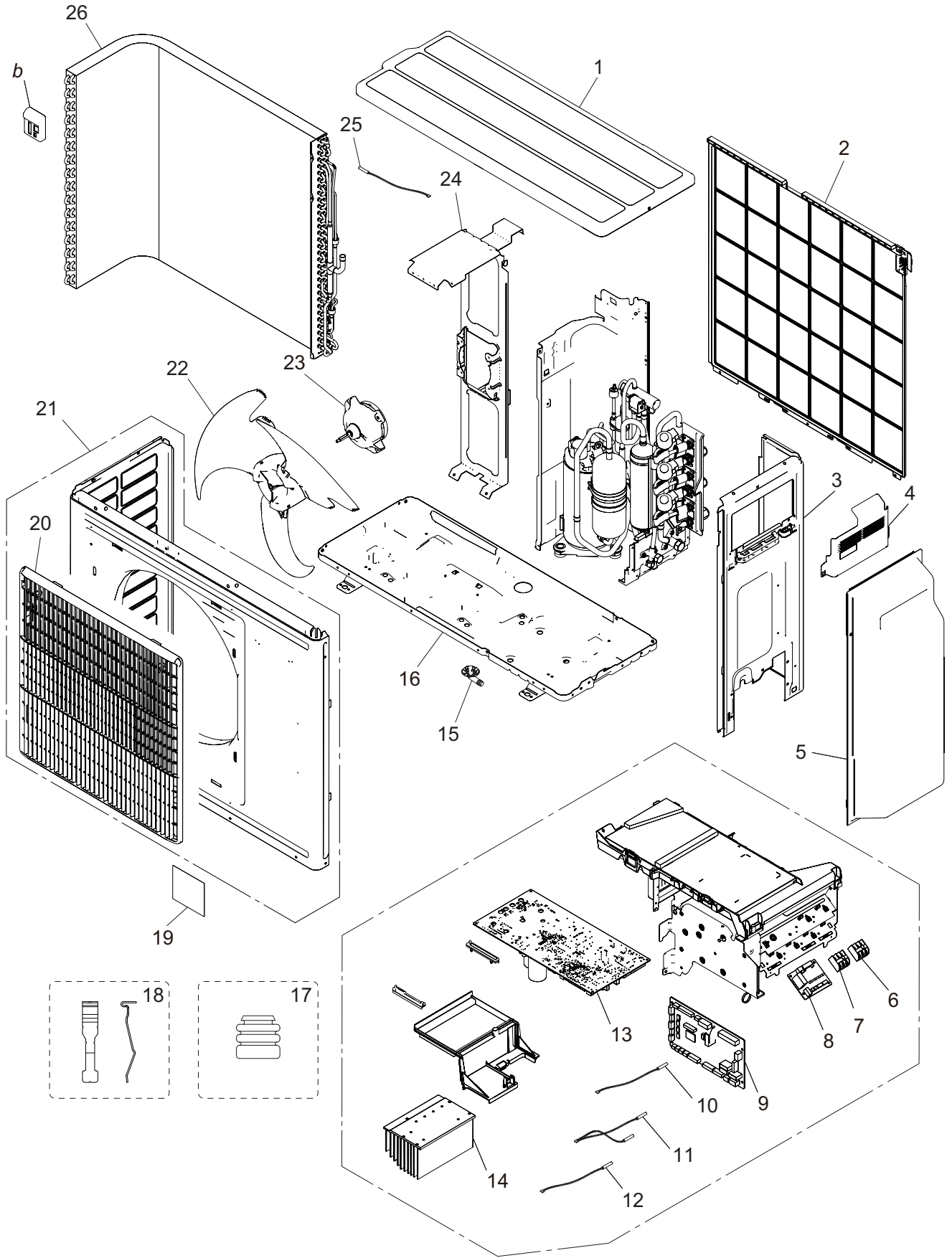


| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 100 | 9316412057 | Drain pan assy | ◆ |
| 101 | 9316217010 | Limit switch cover | ◆ |
| 102 | 9316218017 | Key top | ◆ |
| 103 | 9316177017 | Drain cap | ◆ |
| 104 | 9711683007 | Wire with connector (Refrigerant leak detect sensor—P410 on Main PCB) | ◆ |
| 105 | 9901089008 | Refrigerant leak detect sensor | ◆ |
| 106 | 9384838001 | Sensor cover seal | ◆ |
| 107 | 9384709004 | Sensor cover | ◆ |
| 108 | 9314147029 | Drain hose assy | ◆ |
| 109 | 9316384019 | Drain hose holder | ◆ |
| 110 | 9312156016 | Bushing B | ◆ |
| 111 | 9303529010 | Bushing A | ◆ |
| 112 | 9316334014 | L and R louver Z | ◆ |
| 113 | 9316335011 | Joint Z | ◆ |
| 114 | 9315282019 | Spacer D | ◆ |
| 115 | 9316219014 | Stopper | ◆ |
| 116 | 9316374010 | Lower cover | ◆ |
| 117 | 9316386013 | Drain pan cover B | ◆ |
| 118 | 9316216013 | Damper | ◆ |
| 119 | 9316274013 | Drain pan cover F | ◆ |
| 120 | 9316918009 | Fan guard Z | ◆ |
| 121 | 9900384074 | Step motor (Damper lock R) | ◆ |
| 122 | 9900384067 | Step motor (Damper lock L) | ◆ |
| 123 | 9900424015 | Micro switch (Limit) | ◆ |
| 124 | 9900384050 | Step motor (Damper) | ◆ |
| <i>a</i> | — | Drain pan U | — |
| <i>b</i> | — | Drain pan Z | — |

4. Outdoor unit parts list

4-1. Models: AOYG18KBTA3 and AOYG24KBTA3

■ Exterior parts and Chassis



TECHNICAL DATA AND PARTS LIST

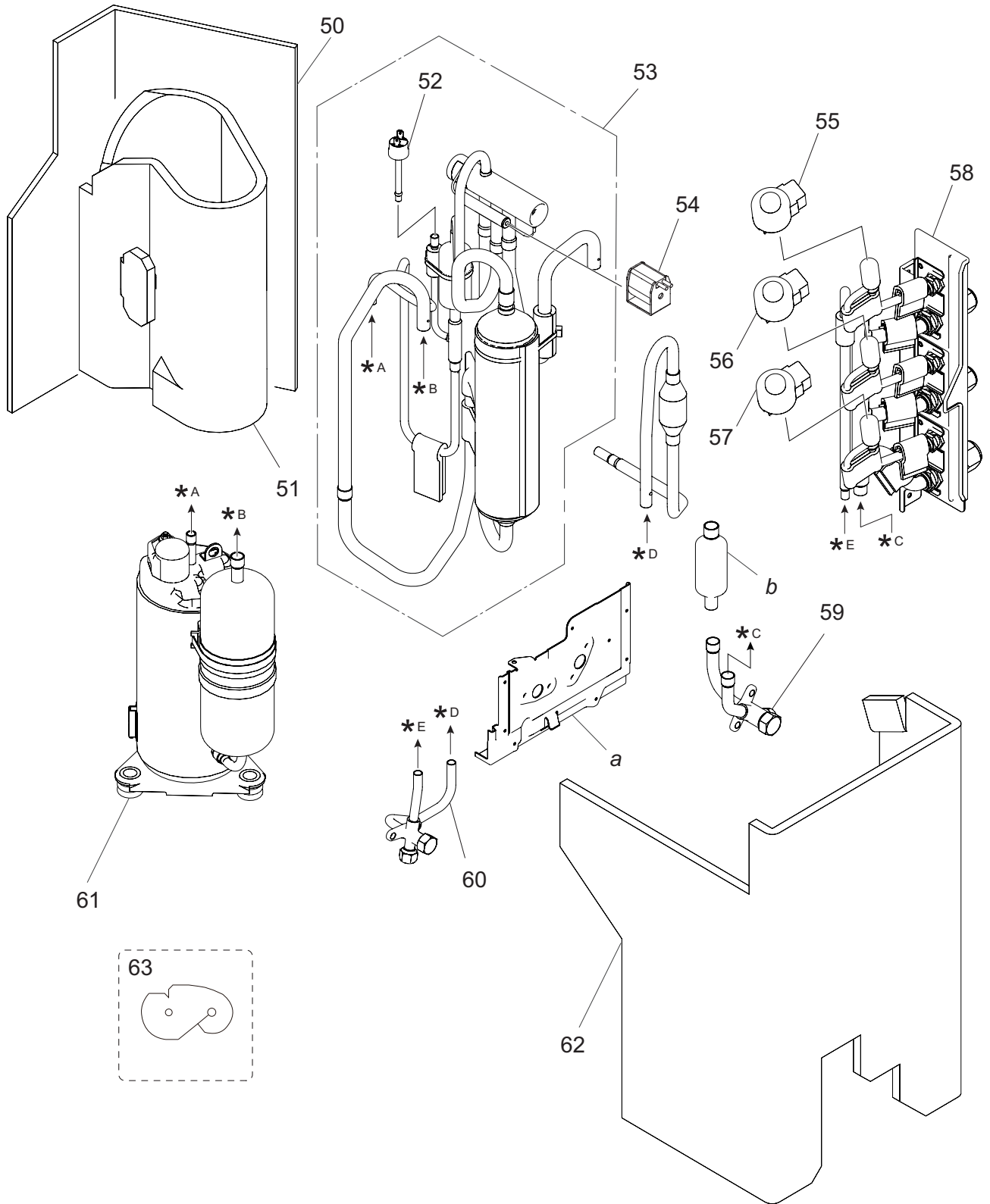
TECHNICAL DATA AND PARTS LIST

| Item no. | Part no. | Part name | Service part |
|----------|------------|--|--------------|
| 1 | 9322556073 | Top panel assy | ◆ |
| 2 | 9322811042 | Protective net | ◆ |
| 3 | 9322552266 | Cabinet right assy | ◆ |
| 4 | 9322554031 | Terminal cover assy | ◆ |
| 5 | 9322570079 | Switch cover assy | ◆ |
| 6 | 9900369064 | Terminal (Power) | ◆ |
| 7 | 9900369071 | Terminal (Inner) | ◆ |
| 8 | 9711609007 | Indicator PCB | ◆ |
| 9 | 9711674005 | Main PCB (For 18 model) | ◆ |
| | 9711674012 | Main PCB (For 24 model) | ◆ |
| 10 | 9900565008 | Thermistor assy (Outdoor temp.) (For 18 model) | ◆ |
| | 9900565060 | Thermistor assy (Outdoor temp.) (For 24 model) | ◆ |
| 11 | 9900727048 | Thermistor assy (For 18 model) | ◆ |
| | 9900727116 | Thermistor assy (For 24 model) | ◆ |
| 12 | 9900985035 | Compressor thermistor (For 18 model) | ◆ |
| | 9900985011 | Compressor thermistor (For 24 model) | ◆ |
| 13 | 9709685778 | Inverter PCB | ◆ |
| 14 | 9322421043 | Heat sink | ◆ |
| 15 | 9322144003 | Drain pipe | ◆ |
| 16 | 9322322043 | Base assy | ◆ |
| 17 | 9322386007 | Cushion rubber | ◆ |
| 18 | 9810028006 | Thermistor stopper | ◆ |
| 19 | 9319151007 | Emblem | ◆ |
| 20 | 9322149008 | Blow grille | ◆ |
| 21 | 9322555267 | Front panel assy | ◆ |
| 22 | 9322150004 | Propeller fan | ◆ |
| 23 | 9603601003 | Brushless motor | ◆ |
| 24 | 9322553034 | Motor bracket assy | ◆ |
| 25 | 9900041014 | Thermistor (Heat exchanger) | ◆ |
| 26 | 9317089791 | Condenser total assy | ◆ |
| <i>a</i> | — | Inverter assy | — |
| <i>b</i> | — | Hair pin cushion | — |

Compressor

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST


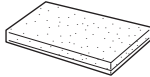
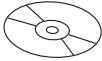


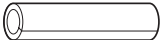
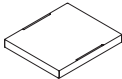
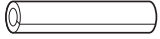




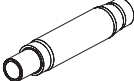


| Item no. | Part no. | Part name | Service part |
|----------|------------|---|--------------|
| 50 | 9384904003 | S-insulator K | ◆ |
| 51 | 9384901002 | S-insulator B | ◆ |
| 52 | 9900186029 | Pressure switch | ◆ |
| 53 | 9384894007 | 4-way valve assy | ◆ |
| 54 | 9970194016 | Solenoid | ◆ |
| 55 | 9970186073 | Expansion valve coil C (L=1160) | ◆ |
| 56 | 9970187049 | Expansion valve coil B (L=1040) | ◆ |
| 57 | 9970186066 | Expansion valve coil A (L=920) | ◆ |
| 58 | 9384866011 | Valve unit sub assy (For 18 model) | ◆ |
| | 9384866004 | Valve unit sub assy (For 24 model) | ◆ |
| 59 | 9322477040 | 3-way valve assy (Ø12.70) | ◆ |
| 60 | 9381055029 | 3-way valve assy (Ø9.52) | ◆ |
| 61 | 9810520005 | Compressor | ◆ |
| 62 | 9384902009 | S-insulator F | ◆ |
| 63 | 9384903006 | S-insulator H | ◆ |
| — | 9901025020 | Thermistor (Valve temperature) A, B | ◆ |
| — | 9901093012 | Thermistor (Valve temperature) C | ◆ |
| — | 9711839008 | Wire with connector (P131 on Main PCB—P133 on Indicator PCB) | ◆ |
| — | 9711840004 | Wire with connector (P130 on Main PCB—P132 on Indicator PCB) | ◆ |
| — | 9711203021 | Wire with connector (P660 on Main PCB—P662 on Inverter PCB) | ◆ |
| — | 9711841001 | Wire with connector (P100 on Main PCB—P101 on Inverter PCB) | ◆ |
| — | 9710542015 | Wire assy (P20 on Inverter PCB—Pressure switch) | ◆ |
| <i>a</i> | — | Valve bracket | — |
| <i>b</i> | — | Muffler | — |

5. Accessories


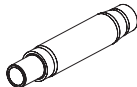
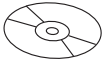



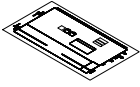


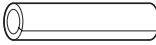

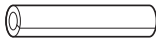
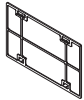
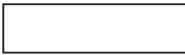
5-1. Compact cassette type

■ Models: AUXG07KVLA, AUXG09KVLA, AUXG12KVLA, AUXG14KVLA, and AUXG18KVLA


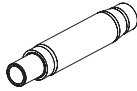
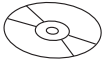





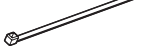
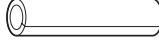

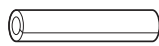


| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|-------------------------------------|---|------|---------------------------------|---|------|
| Operating manual |  | 1 | Drain hose insulation |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Hose band |  | 1 |
| Installation manual |  | 1 | Coupler heat insulation (large) |  | 1 |
| Template (Carton top) |  | 1 | Coupler heat insulation (small) |  | 1 |
| M10 nut A (with flange) |  | 4 | Cable tie |  | 2 |
| M10 nut B (with spring lock washer) |  | 4 | Wire crammer |  | 1 |
| Drain hose |  | 1 | | | |

5-2. Mini duct type

■ Models: ARXG07KSLAP, ARXG09KSLAP, ARXG12KSLAP, and ARXG14KSLAP





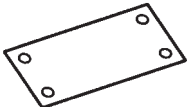
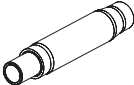





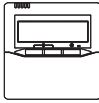




| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|------------------------------------|---|------|------------------------------------|---|------|
| Operating manual |  | 1 | Drain hose |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Hose band |  | 1 |
| Installation manual |  | 1 | Drain hose insulation B |  | 1 |
| Installation template (Carton top) |  | 1 | Washer |  | 8 |
| Cable tie (large) |  | 4 | Coupler heat insulation (large) |  | 1 |
| Cable tie (medium) |  | 3 | Coupler heat insulation (small) |  | 1 |
| Filter (small) |  | 2 | Insulation (For electrical wiring) |  | 2 |

■ Model: ARXG18KSLAP

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|------------------------------------|---|------|------------------------------------|---|------|
| Operating manual |  | 1 | Drain hose |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Hose band |  | 1 |
| Installation manual |  | 1 | Drain hose insulation B |  | 1 |
| Installation template (Carton top) |  | 1 | Washer |  | 8 |
| Cable tie (large) |  | 4 | Coupler heat insulation (large) |  | 1 |
| Cable tie (medium) |  | 3 | Coupler heat insulation (small) |  | 1 |
| Filter (large) |  | 2 | Insulation (For electrical wiring) |  | 2 |



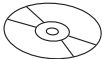




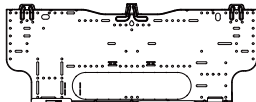
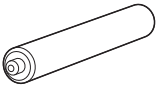


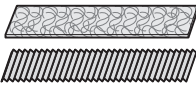
5-3. Slim duct type

■ Models: ARXG07KLLAP, ARXG09KLLAP, ARXG12KLLAP, ARXG14KLLAP, and ARXG18KLLAP


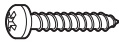







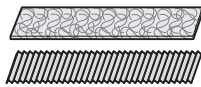
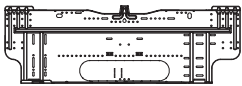
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|-------------------------------------|---|------|-------------------------|---|------|
| Operating manual |  | 1 | Cable tie (Large) |  | 4 |
| Installation manual |  | 1 | Cable tie (Small) |  | 3 |
| Installation template |  | 1 | Drain hose |  | 1 |
| Washer |  | 8 | Hose band |  | 1 |
| Coupler heat insulation (Large) |  | 1 | Drain hose insulation B |  | 1 |
| Coupler heat insulation (Small) |  | 1 | Remote controller |  | 1 |
| Filter (Small) (For 9/12 models) |  | 2 | Remote controller cable |  | 1 |
| Filter (Large) (For 18 models) |  | 2 | Tapping screw |  | 2 |

5-4. Wall mounted type


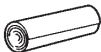
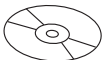




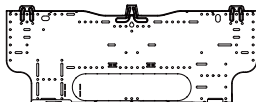
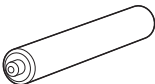


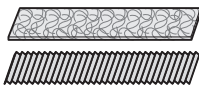
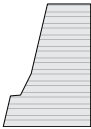
■ Models: ASYG07-14KGTB and ASYG07-14KMCC

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---------------------------|--|------|-----------------------|--|------|
| Operating manual |  | 1 | Cloth tape |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Tapping screw (large) |  | 5 |
| Installation manual |  | 1 | Tapping screw (small) |  | 2 |
| Remote controller |  | 1 | Wall hook bracket |  | 1 |
| Battery |  | 2 | Filter holder |  | 2 |
| Remote controller holder |  | 1 | Air cleaning filters |  | 1 |

■ Model: ASYG18KMTB


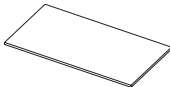
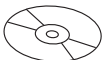
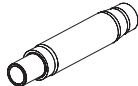










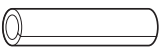

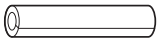
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|--------------------------|--|------|-----------------------|---|------|
| Operating manual |  | 1 | Tapping screw (large) |  | 5 |
| Installation manual |  | 1 | Tapping screw (small) |  | 2 |
| Remote controller |  | 1 | Battery |  | 2 |
| Remote controller holder |  | 1 | Filter holder |  | 2 |
| Cloth tape |  | 1 | Air cleaning filters |  | 1 |
| Wall hook bracket |  | 1 | | | |

■ Models: ASYG07KETA, ASYG09KETA, ASYG12KETA, ASYG14KETA, ASYG07KETA-B, ASYG09KETA-B, ASYG12KETA-B, and ASYG14KETA-B

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|-----------------------------------|---|------|-----------------------|--|------|
| Operating manual |  | 1 | Cloth tape |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Tapping screw (large) |  | 5 |
| Installation manual |  | 1 | Tapping screw (small) |  | 2 |
| Remote controller |  | 1 | Wall hook bracket |  | 1 |
| Battery |  | 2 | Filter holder |  | 2 |
| Remote controller holder |  | 1 | Air cleaning filters |  | 1 |
| Template (for pipe cover cutting) |  | 1 | | | |


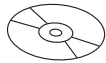

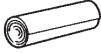
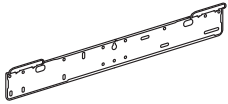
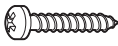



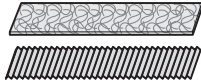

5-5. Ceiling type

■ Model: ABYG18KRTA

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|-------------------------------------|---|------|----------------------------------|---|------|
| Operating manual |  | 1 | Insulation |  | 1 |
| Operating manual (CD-ROM) |  | 1 | Drain hose |  | 1 |
| Installation manual |  | 1 | Hose band |  | 1 |
| Template |  | 1 | Cable tie (large) |  | 4 |
| M10 nut A (with flange) |  | 4 | Cable tie (small) |  | 1 |
| M10 nut B (with spring lock washer) |  | 4 | Remote controller cable hole cap |  | 1 |
| Washer |  | 8 | Tapping screw (White) |  | 6 |
| Coupler heat insulation (large) |  | 1 | Tapping screw |  | 3 |
| Coupler heat insulation (small) |  | 1 | | | |


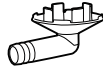
5-6. Floor type

■ Models: AGYG09KVCA, AGYG12KVCA, and AGYG14KVCA



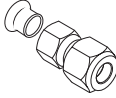
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|--------------------------|--|------|---------------------------|---|------|
| Operating manual |  | 1 | Operating manual (CD-ROM) |  | 1 |
| Installation manual |  | 1 | Cloth tape |  | 1 |
| Wall hook bracket |  | 1 | Tapping screws (large) |  | 9 |
| Remote controller |  | 1 | Tapping screws (small) |  | 2 |
| Battery |  | 2 | Air cleaning filters |  | 1 |
| Remote controller holder |  | 1 | | | |

5-7. Outdoor unit

■ Model: AOYG18KBTA3

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---------------------|---|------|------------|---|------|
| Installation manual |  | 1 | Drain pipe |  | 1 |

■ Model: AOYG24KBTA3

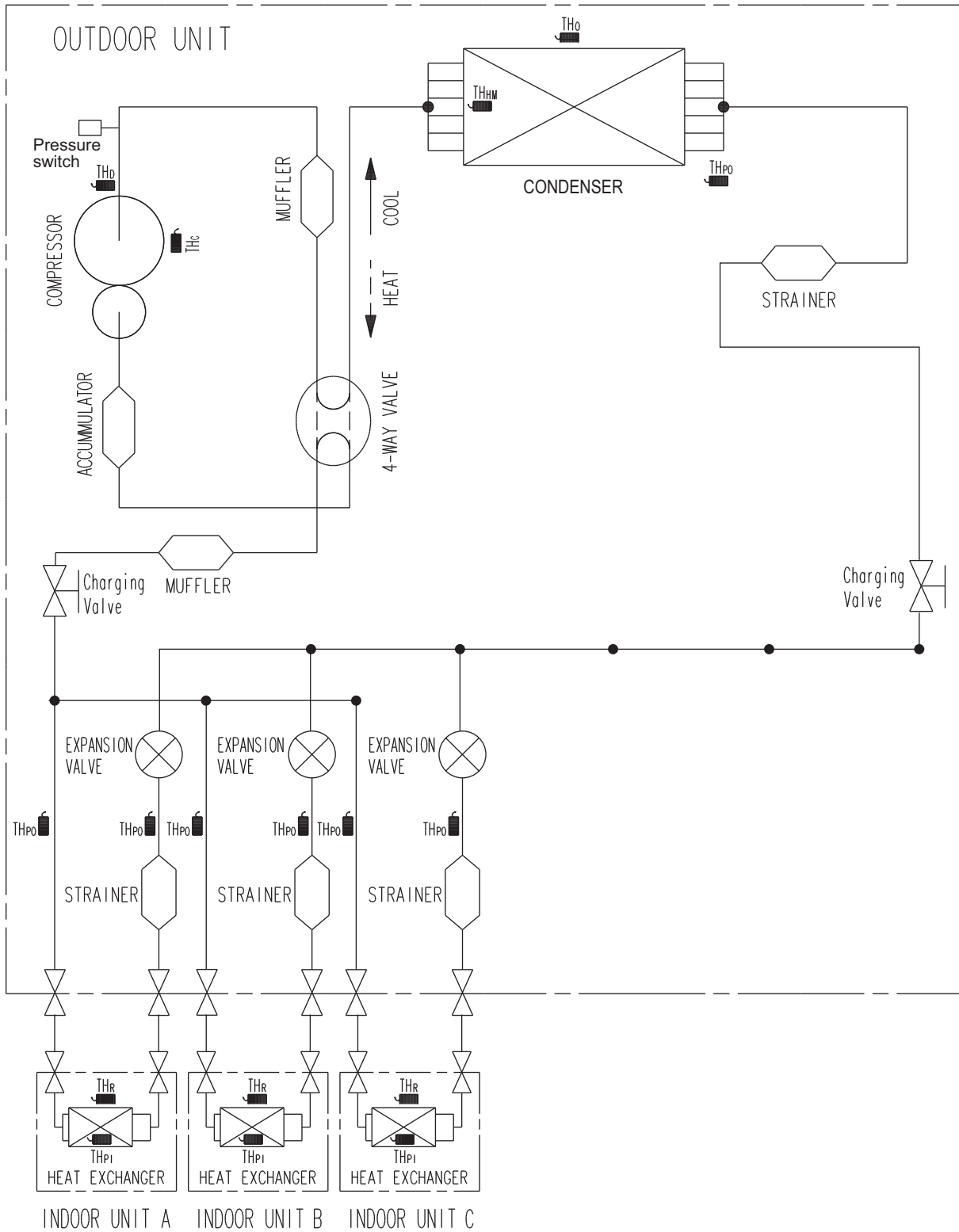
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|--|---|------|------------|---|------|
| Installation manual |  | 1 | Drain pipe |  | 1 |
| Adapter K: mm (in) 12.70 (1/2) to 9.52 (3/8) |  | 1 | | | |

6. Refrigerant system diagrams

6-1. Models: AOYG18KBTA3 and AOYG24KBTA3

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST



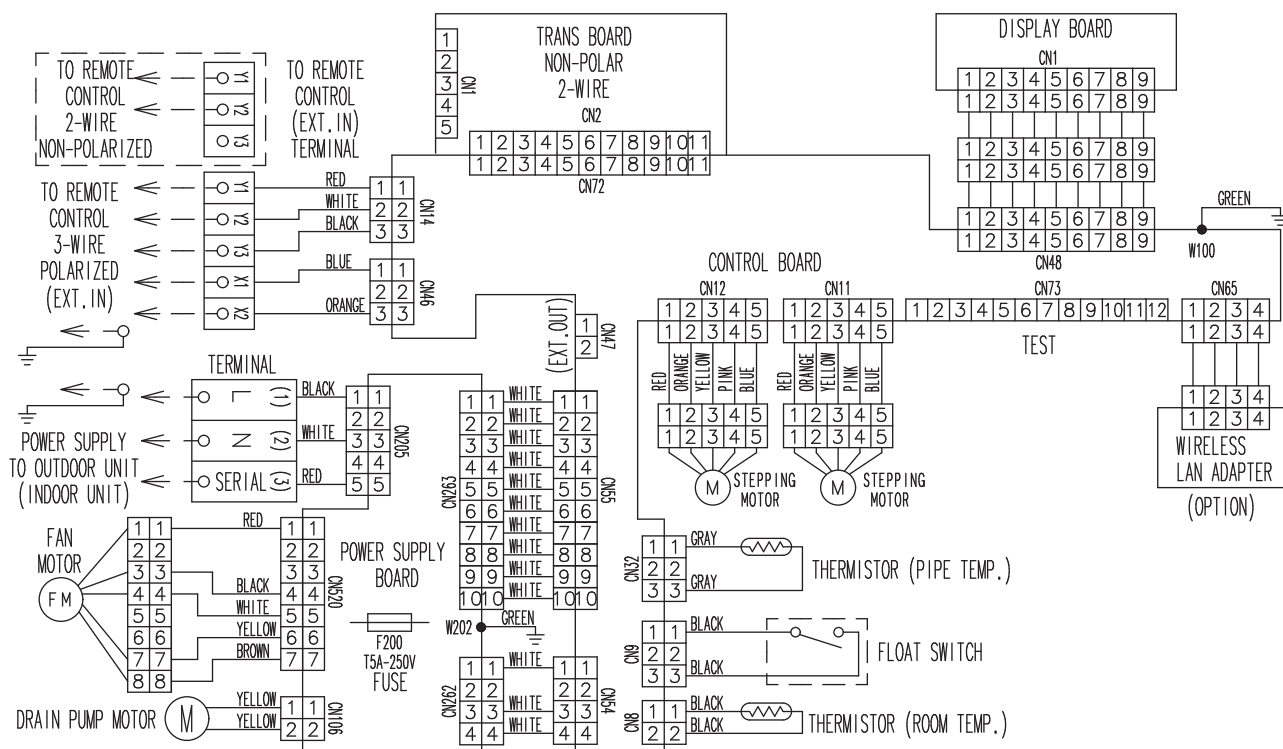
TH_o : THERMISTOR(DISCHARGE TEMP.)
 TH_o : THERMISTOR(OUTDOOR TEMP.)
 TH_{po} : THERMISTOR(PIPE TEMP.)
 TH_c : THERMISTOR(COMPRESSOR TEMP.)

TH_r : THERMISTOR(ROOM TEMP.)
 TH_{p1} : THERMISTOR(PIPE TEMP.)
 TH_{HM} : THERMISTOR(HEAT EXCHANGER MIDDLE TEMP.)

7. Wiring diagrams

7-1. Compact cassette type

■ Models: AUXG07KVLA, AUXG09KVLA, AUXG12KVLA, AUXG14KVLA, and AUXG18KVLA

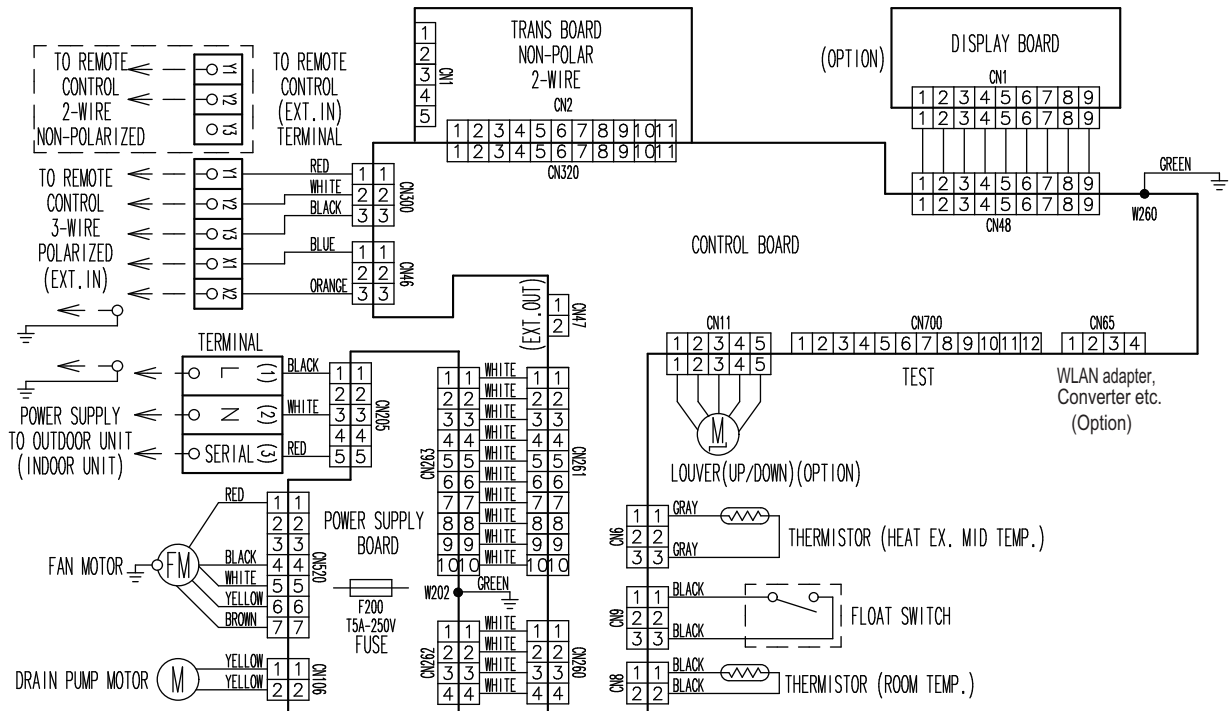


TECHNICAL DATA AND PARTS LIST

TECHNICAL DATA AND PARTS LIST

7-2. Mini duct type and Slim duct type

- Models: ARXG07KSLAP, ARXG09KSLAP, ARXG12KSLAP, ARXG14KSLAP, ARXG18KSLAP, ARXG07KLLAP, ARXG09KLLAP, ARXG12KLLAP, ARXG14KLLAP, and ARXG18KLLAP



TECHNICAL DATA AND PARTS LIST

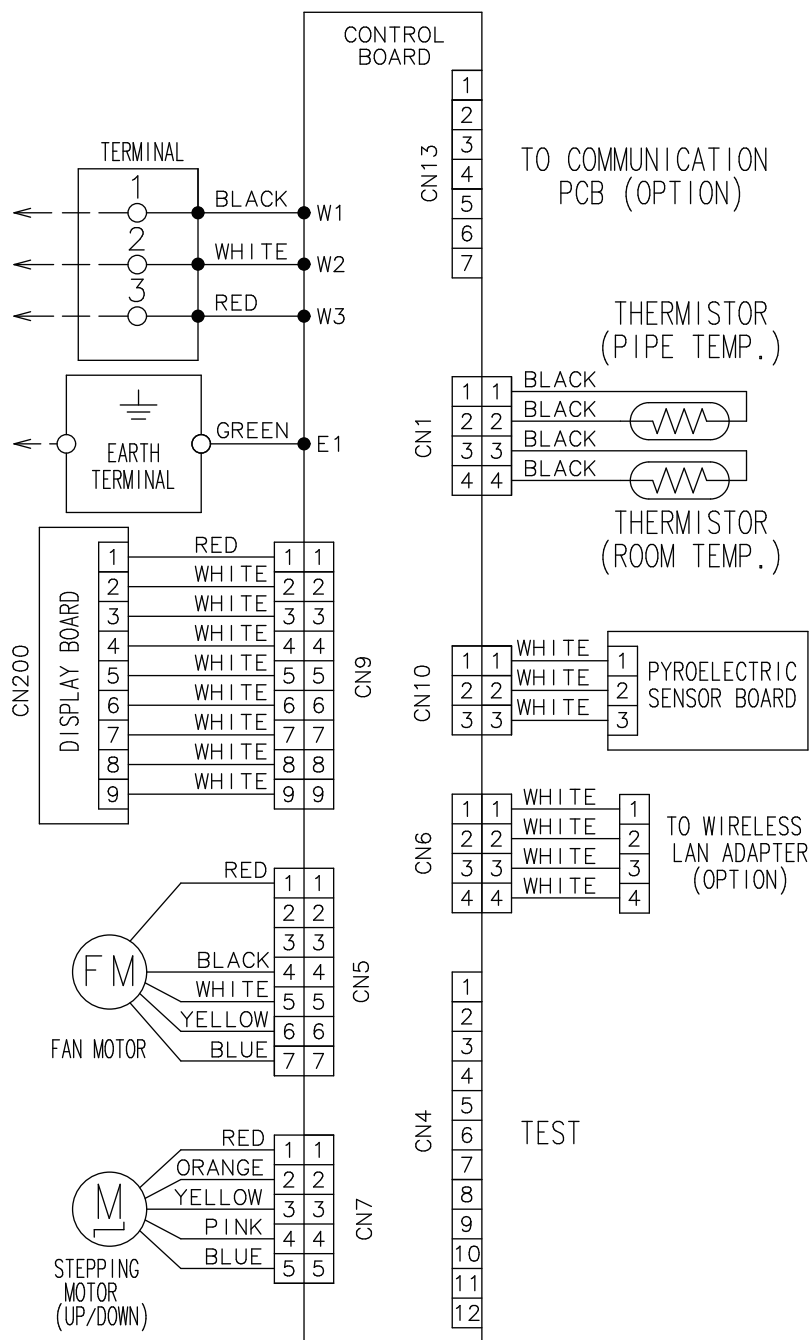
TECHNICAL DATA AND PARTS LIST

7-3. Wall mounted type

■ Models: ASYG07KGTB, ASYG09KGTB, ASYG12KGTB, and ASYG14KGTB

TECHNICAL DATA
AND PARTS LIST

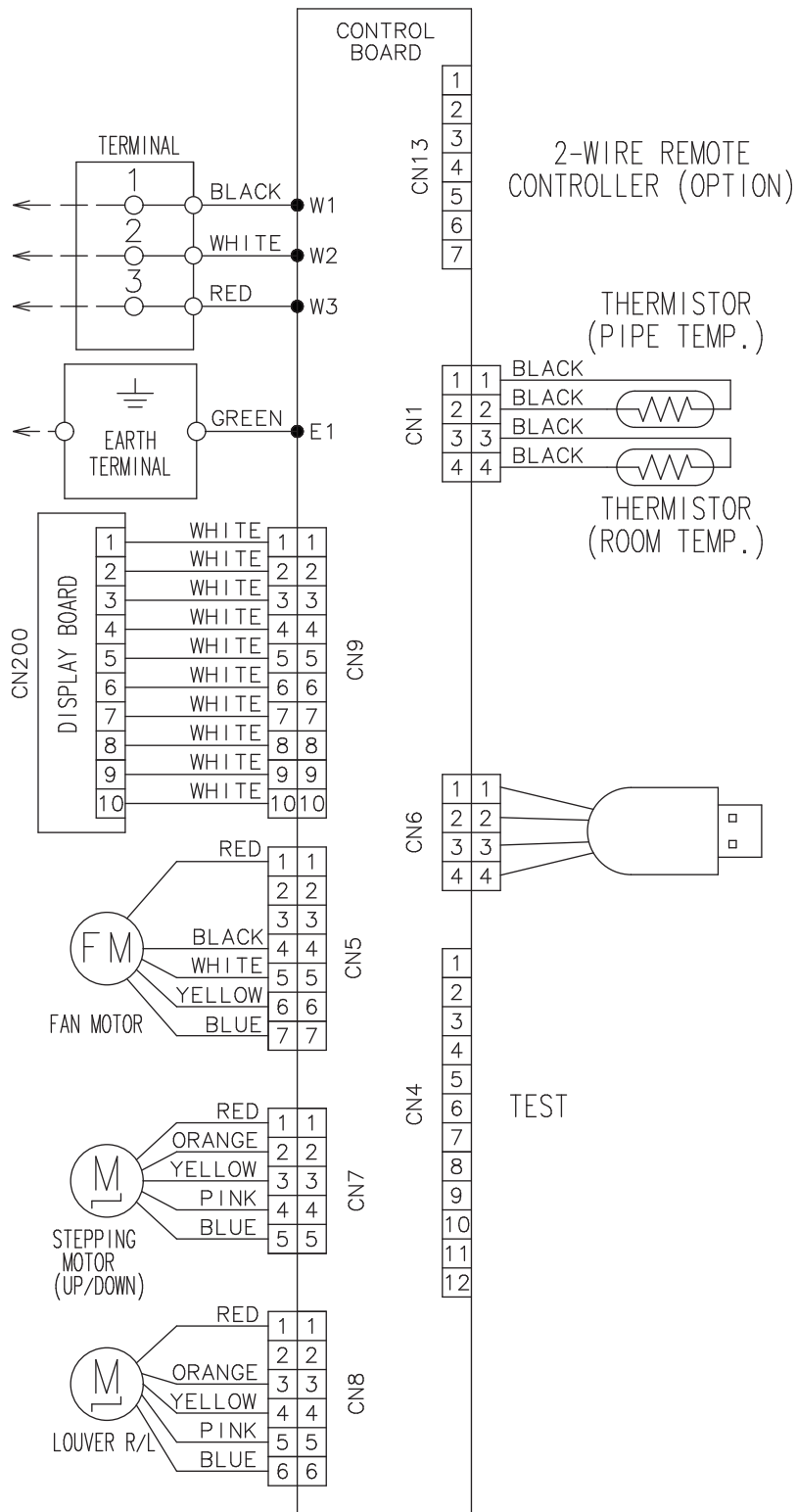
TECHNICAL DATA
AND PARTS LIST



Model: ASYG18KMTB

TECHNICAL DATA
AND PARTS LIST

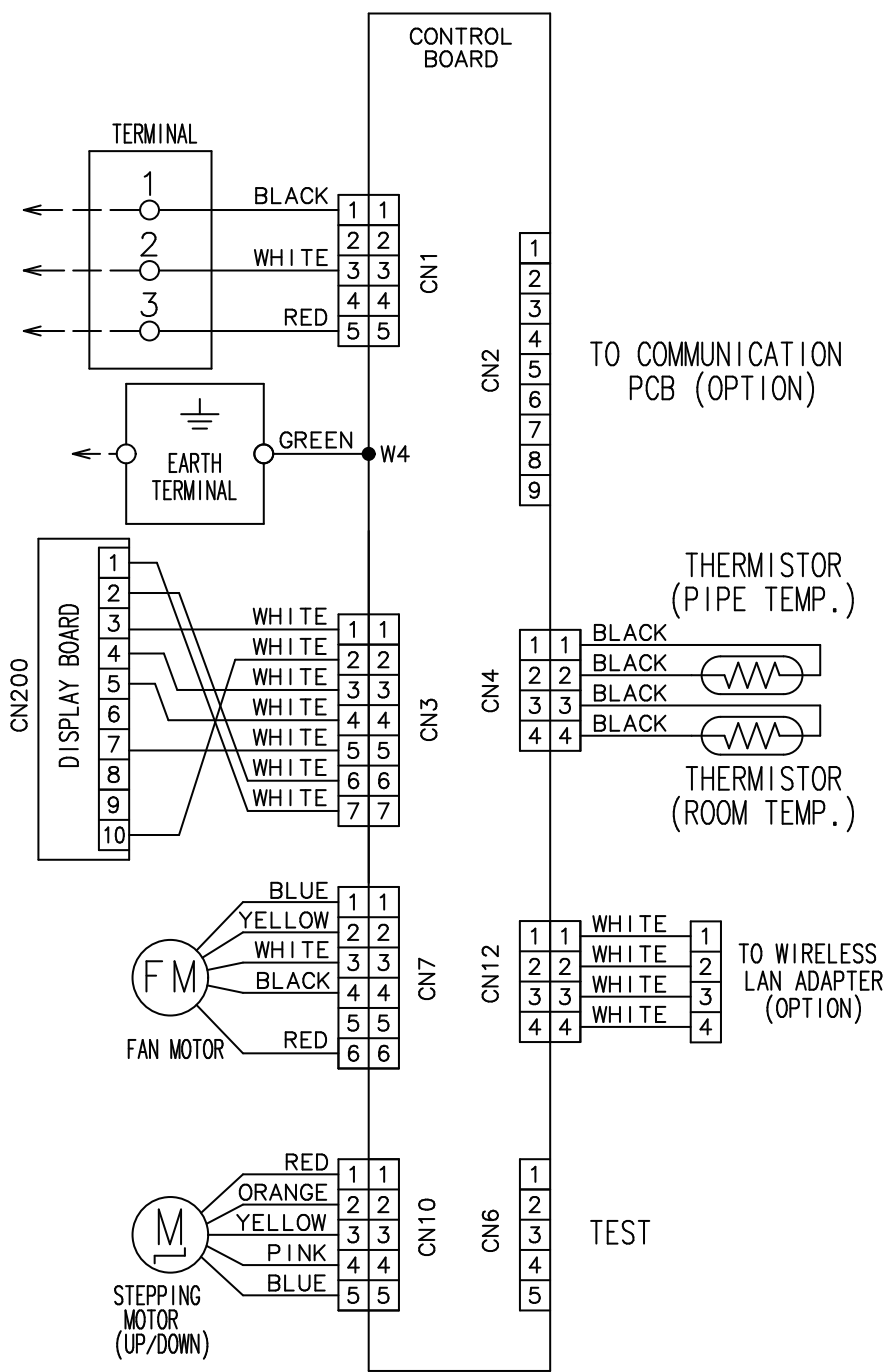
TECHNICAL DATA
AND PARTS LIST



Models: ASYG07KMCC, ASYG09KMCC, ASYG12KMCC, and ASYG14KMCC

TECHNICAL DATA
AND PARTS LIST

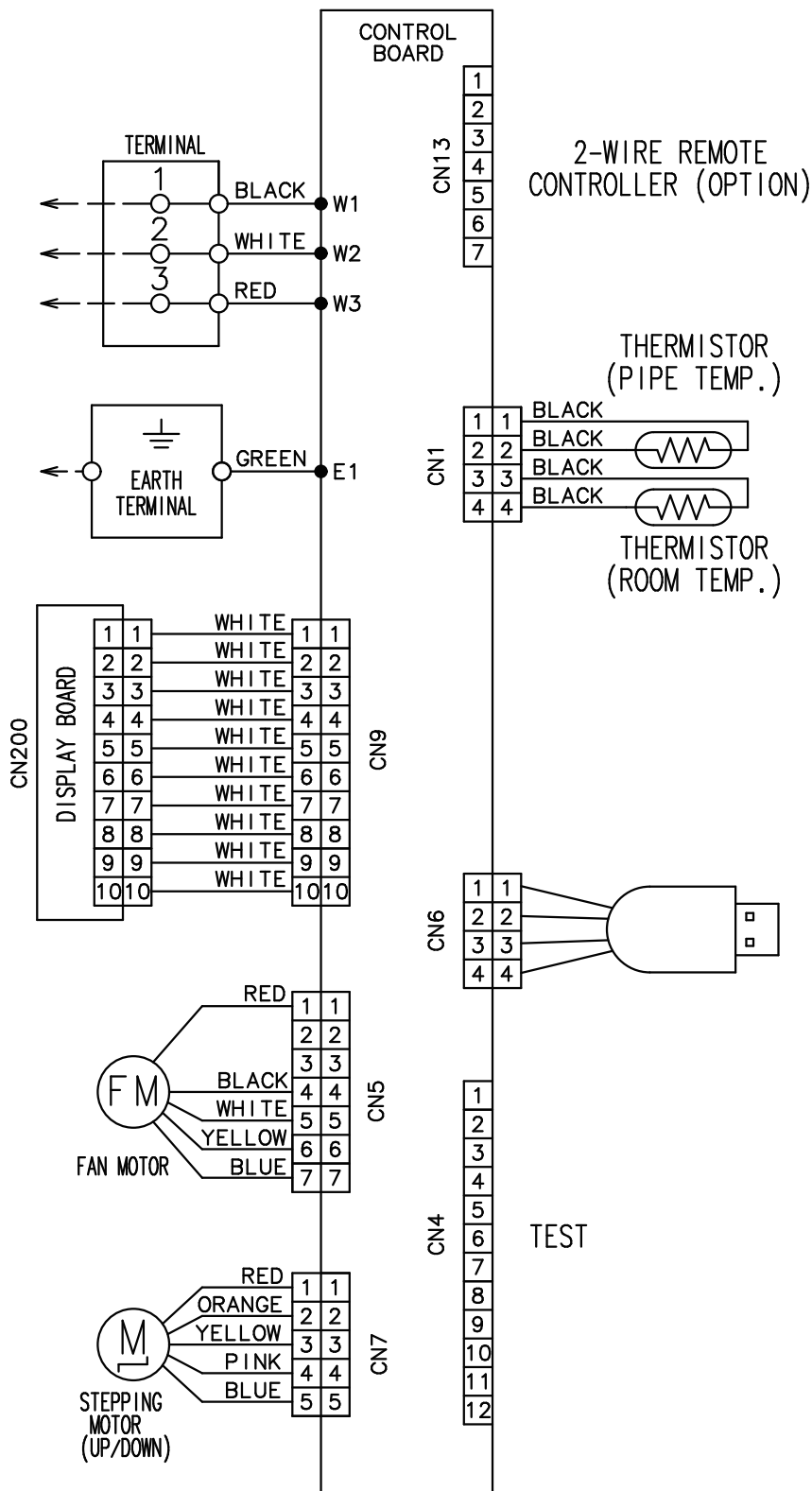
TECHNICAL DATA
AND PARTS LIST



■ Models: ASYG07KETA, ASYG09KETA, ASYG12KETA, ASYG14KETA, ASYG07KETA-B, ASYG09KETA-B, ASYG12KETA-B, and ASYG14KETA-B

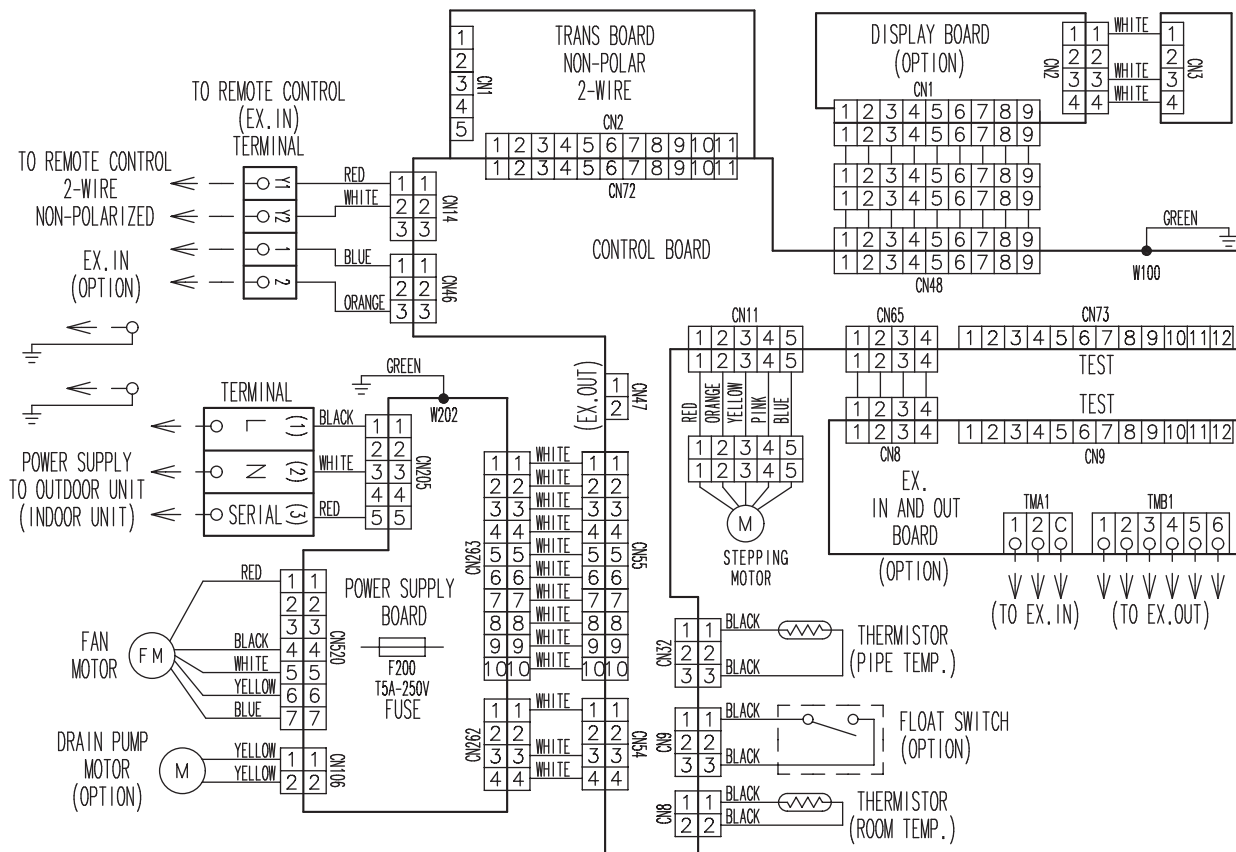
TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST



7-4. Ceiling type

Model: ABYG18KRTA



TECHNICAL DATA AND PARTS LIST

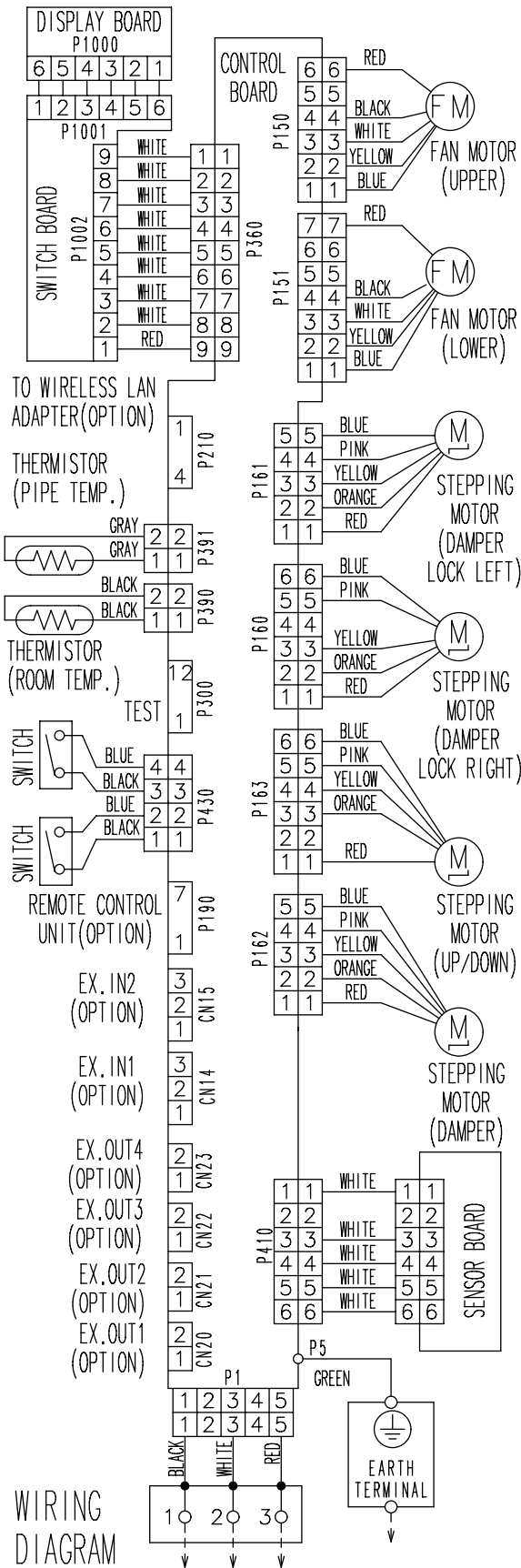
TECHNICAL DATA AND PARTS LIST

7-5. Floor type

Models: AGYG09KVCA, AGYG12KVCA, and AGYG14KVCA

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST



WIRING
DIAGRAM

7-6. Outdoor unit

Models: AOYG18KBT A3 and AOYG24KBT A3

TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST

