

Model:

AMSD-A/AR
AMST-A/AR
AMSH-A/AR

A4MSD-A/AR
A4MST-A/AR

ACSON[®]
International



MSD



MST



MSH

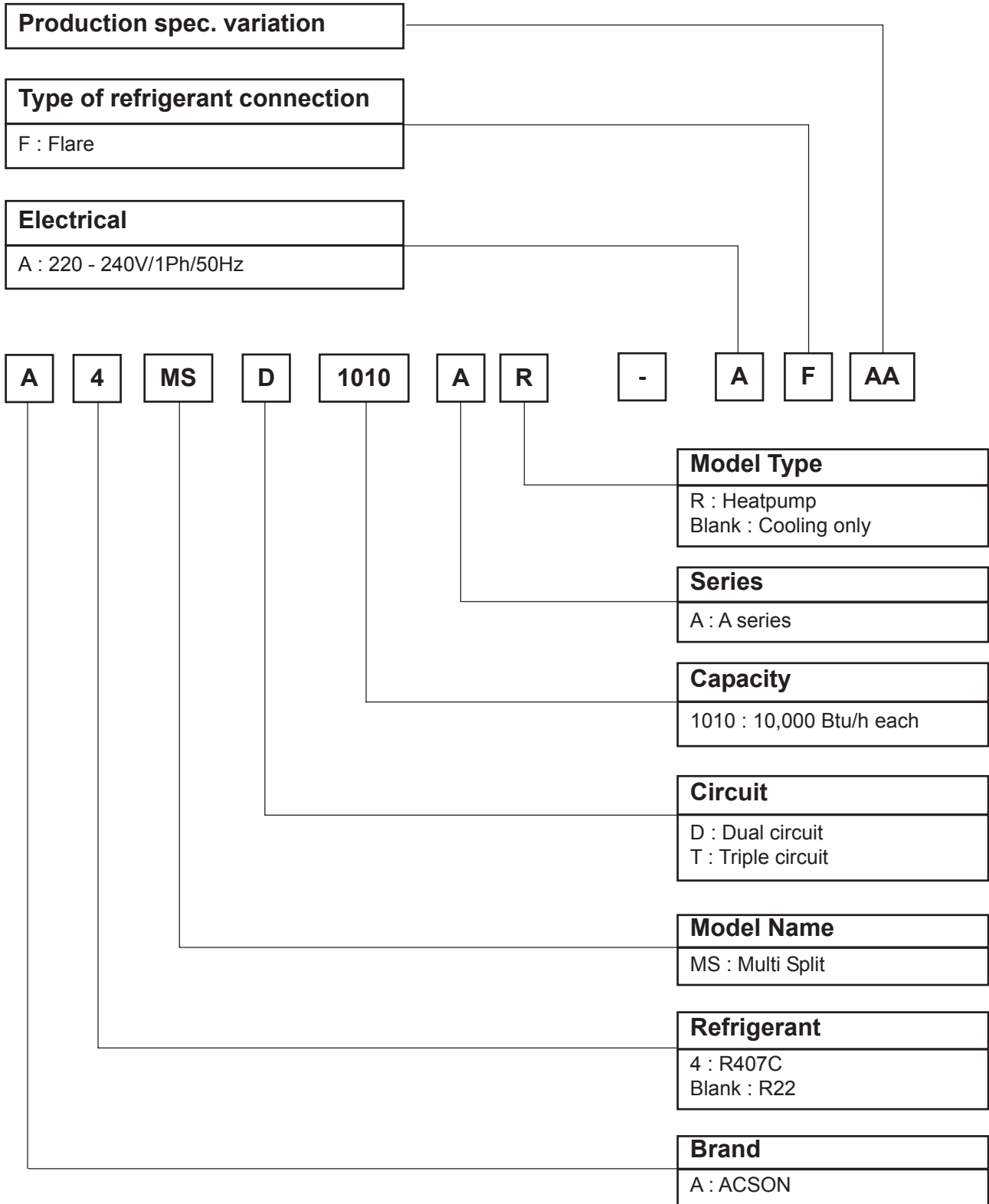
Multi-Split Systems

CONTENTS

| | |
|--|------------|
| 1. NOMENCLATURE | 2 |
| 2. PRODUCT LINE-UP | 3 |
| 3. FEATURES | 5 |
| 4. SPECIFICATIONS | 10 |
| AMSD | |
| GENERAL DATA | 10 |
| ELECTRICAL DATA | 22 |
| COMPONENTS DATA | 29 |
| AMST | |
| GENERAL DATA | 41 |
| ELECTRICAL DATA | 61 |
| COMPONENTS DATA | 71 |
| AMSH | |
| GENERAL DATA | 87 |
| ELECTRICAL DATA | 92 |
| COMPONENTS DATA | 94 |
| 5. OUTLINES AND DIMENSIONS | 97 |
| 6. REFRIGERANT CIRCUIT DIAGRAMS | 103 |
| 7. WIRING DIAGRAMS | 112 |
| 8. CONTROLLERS | 123 |
| 9. PRECAUTION AND INSTALLATION | 126 |
| 10. SERVICING AND MAINTENANCE..... | 135 |
| 11. TROUBLESHOOTING | 138 |
| 12. PART LIST | 140 |

This manual supersede AMS-2005

1. NOMENCLATURE



2. PRODUCT LINE UP

A(4)MS-A Cooling Only

| Model | Cooling Only | Nomenclature | Classification | | | | | | | | | |
|---------|--------------|--------------|----------------|-----------|------|----------------|------------|------------------|-------------------|------------|-------------|-----------------|
| | | | Relay | Contactor | MS 8 | Capillary Tube | Normal Fin | Gold (NA549) Fin | Rotary Compressor | Thermostat | Valve cover | Handling handle |
| A4MSD | 1010A | AFAL | X | | | X | X | | X | | | |
| | 1015A | AFAL | X | | | X | X | | X | | | |
| | 1515A | AFAL | X | | | X | X | | X | | | |
| AMSD | 1010A | AFAL | X | | | X | X | | X | | X | X |
| | 1010A | AFAQ | X | | | X | | X | X | | X | X |
| | 1015A | AFAL | X | | | X | X | | X | | X | X |
| | 1015A | AFAQ | X | | | X | | X | X | | X | X |
| | 1020A | AFAC | | X | | X | X | | X | | X | |
| | 1020A | AFAQ | | X | | X | | X | X | | X | |
| | 1515A | AFAL | X | | | X | X | | X | | X | X |
| | 1515A | AFAQ | X | | | X | | X | X | | | |
| | 1520A | AFAC | | X | | X | X | | X | | X | |
| | 1520A | AFAQ | | X | | X | | X | X | | X | |
| | 2020A | AFAE | | X | | X | X | | X | X | | |
| | 2020A | AFAN | | X | | X | | X | X | X | | |
| A4MST | 101010A | AFAE | X | | | X | X | | X | X | | |
| | 101015A | AFAE | X | | | X | X | | X | X | | |
| | 101515A | AFAE | X | | | X | X | | X | X | | |
| | 151515A | AFAE | X | | | X | X | | X | X | | |
| AMST | 101010A | AFAE | X | | | X | X | | X | X | | |
| | 101010A | AFAN | X | | | X | | X | X | X | | |
| | 101015A | AFAE | X | | | X | X | | X | X | | |
| | 101015A | AFAN | X | | | X | | X | X | X | | |
| | 101020A | AFAE | X | X | | X | X | | X | X | | |
| | 101020A | AFAN | X | X | | X | | X | X | X | | |
| | 101025A | AFAA | | X | | X | | X | X | | | |
| | 101515A | AFAE | X | | | X | X | | X | X | | |
| | 101515A | AFAN | X | | | X | | X | X | X | | |
| | 101525A | AFAA | | X | | X | | X | X | | | |
| | 151515A | AFAE | X | | | X | X | | X | X | | |
| | 151515A | AFAN | X | | | X | | X | X | X | | |
| 151525A | AFAA | | X | | X | | X | X | | | | |
| AMSH | 66K555A | AFAL | | | X | X | X | | X | | | |
| | 66K66A | AFAL | | | X | X | X | | X | | | |
| | 8K66A | AFAL | | | X | X | X | | X | | | |
| | 8K8A | AFAL | X | | | X | X | | X | | | |
| | K77A | AFAL | | | X | X | X | | X | | | |

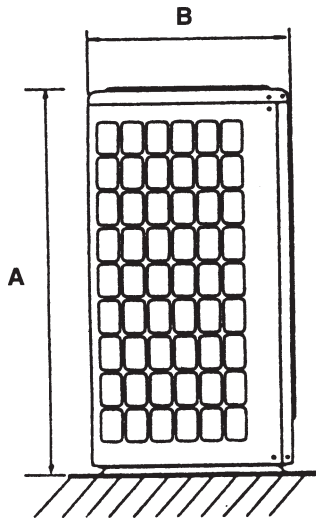
A(4)MS-AR Heatpump

| Model | Heatpump | Nomenclature | Classification | | | | | | | | | | | |
|----------|----------|--------------|----------------|----------------|-----------------|------------|------------------|------------------|-------------------|-----------------------|-------------|-----------------|---------------------|-------------------------|
| | | | MS 5 | Capillary Tube | Add Accumulator | Normal Fin | Blue (NA510) Fin | Gold (NA549) Fin | Rotary Compressor | Inclusive drain elbow | Valve cover | Handling handle | Multisplit resistor | Multiple hole drain pan |
| A4MSD | 1010AR | AFAL | X | X | | X | | | X | | | | | |
| | 1015AR | AFAL | X | X | | X | | | X | | | | | |
| | 1515AR | AFAL | X | X | | X | | | X | | | | | |
| AMSD | 1010AR | AFAL | X | X | | X | | | X | | X | X | X | |
| | 1010AR | AFAQ | X | X | | | | X | X | | X | X | X | |
| | 1015AR | AFAL | X | X | | X | | | X | | X | X | X | |
| | 1015AR | AFAQ | X | X | | | | X | X | | X | X | X | |
| | 1515AR | AFAL | X | X | | X | | | X | | X | X | X | |
| | 1515AR | AFAQ | X | X | | | | X | X | | X | X | X | |
| | 1520AR | AFAD | X | X | | X | | | X | | | | | X |
| A4MST | 101010AR | AFAD | X | X | | | X | | X | | | | | X |
| | 101015AR | AFAD | X | X | | | X | | X | | | | | X |
| | 101515AR | AFAD | X | X | | | X | | X | | | | | X |
| | 151515AR | AFAD | X | X | | | X | | X | | | | | X |
| AMST | 101010AR | AFAD | X | X | | X | | | X | X | | | | |
| | 101010AR | AFAQ | X | X | | | | X | X | X | | | | |
| | 101015AR | AFAD | X | X | | X | | | X | X | | | | |
| | 101015AR | AFAQ | X | X | | | | X | X | X | | | | |
| | 101515AR | AFAD | X | X | | X | | | X | X | | | | |
| | 101515AR | AFAQ | X | X | X | | | X | X | X | | | | |
| | 151515AR | AFAD | X | X | | X | | | X | X | | | | |
| 151515AR | AFAQ | X | X | X | | | X | X | X | | | | | |

3. FEATURES

Triple S (Slim - Short - Stable)

Slim and short outdoor unit can be easily installed even in a narrow balcony and passageway, and yet have a stable profile.

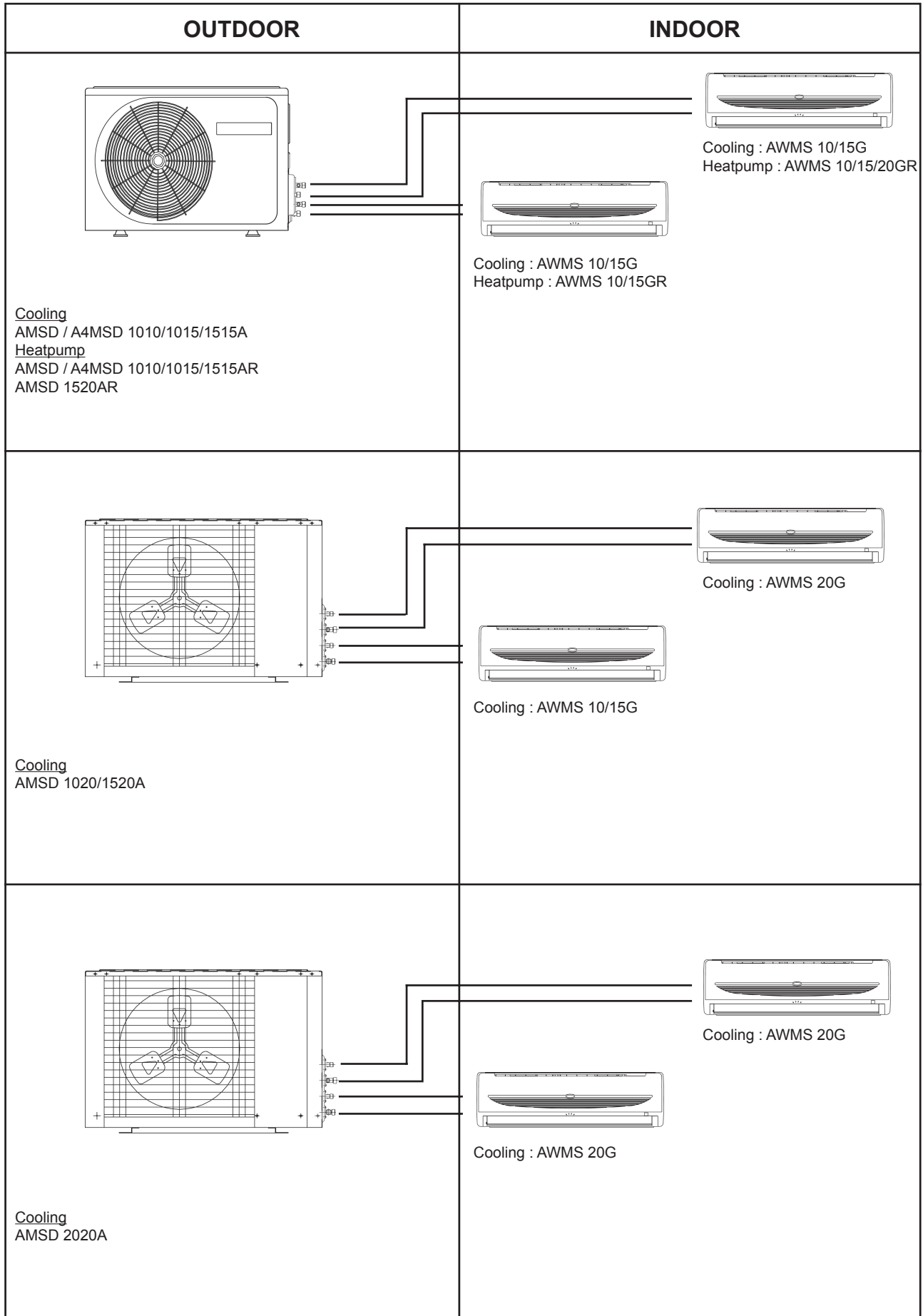


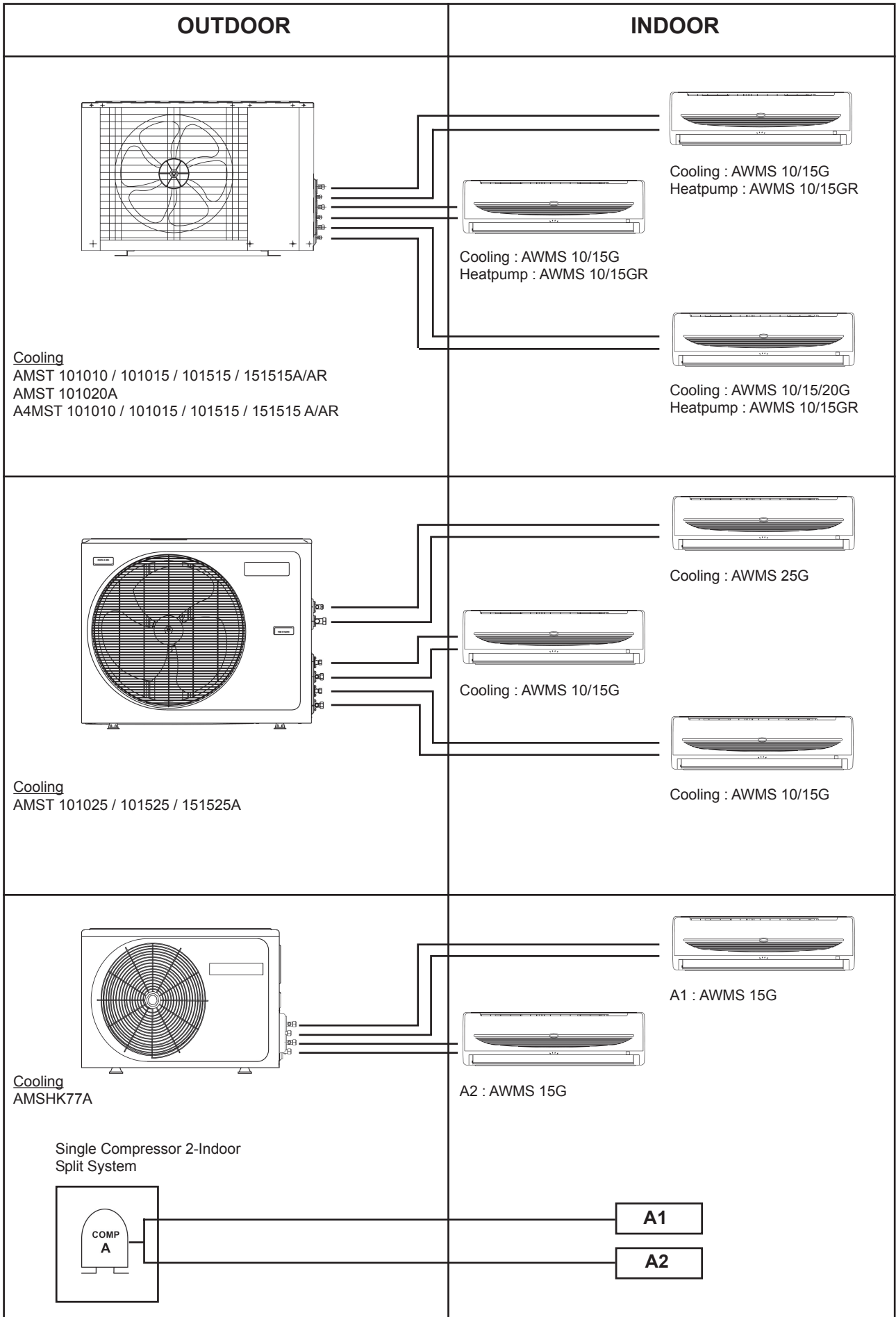
| MODEL | A (cm) | B (cm) |
|---|--------|--------|
| AMSD/A4MSD 1010 / 1015 / 1515 A/AR | 64.6 | 33.5 |
| AMSD 1020A / 1520A/AR / 2020A | 65.0 | 43.7 |
| AMST/A4MST 101010 / 101015 / 101515 / 151515 A/AR | 65.0 | 43.7 |
| AMST 101020 / 101025 / 101525 / 151525 A | | |
| AMSH 8K8A / 8K66A / 66K66A / 66K555A | 64.6 | 33.5 |
| AMSHK77A | 49.4 | 27.5 |

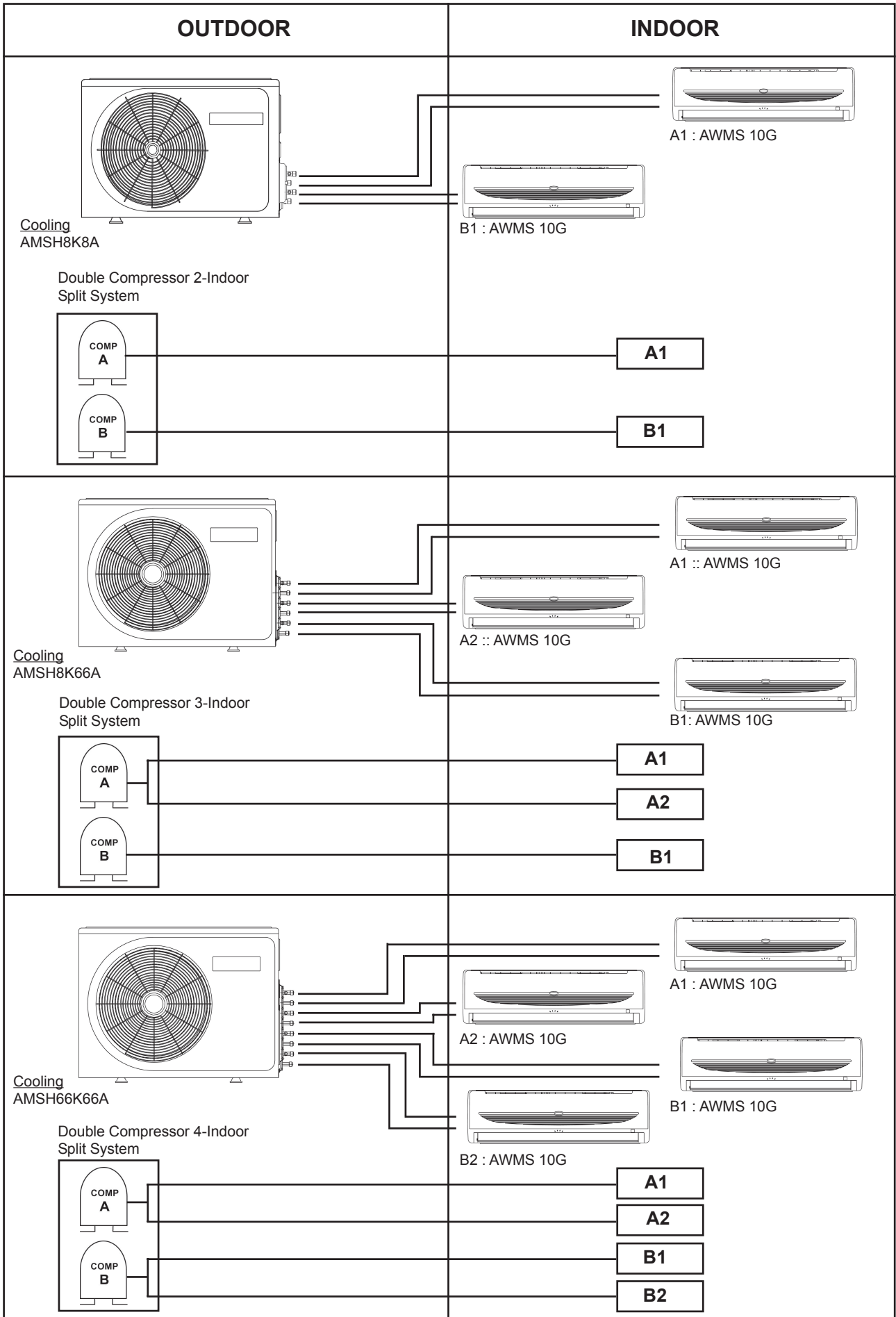


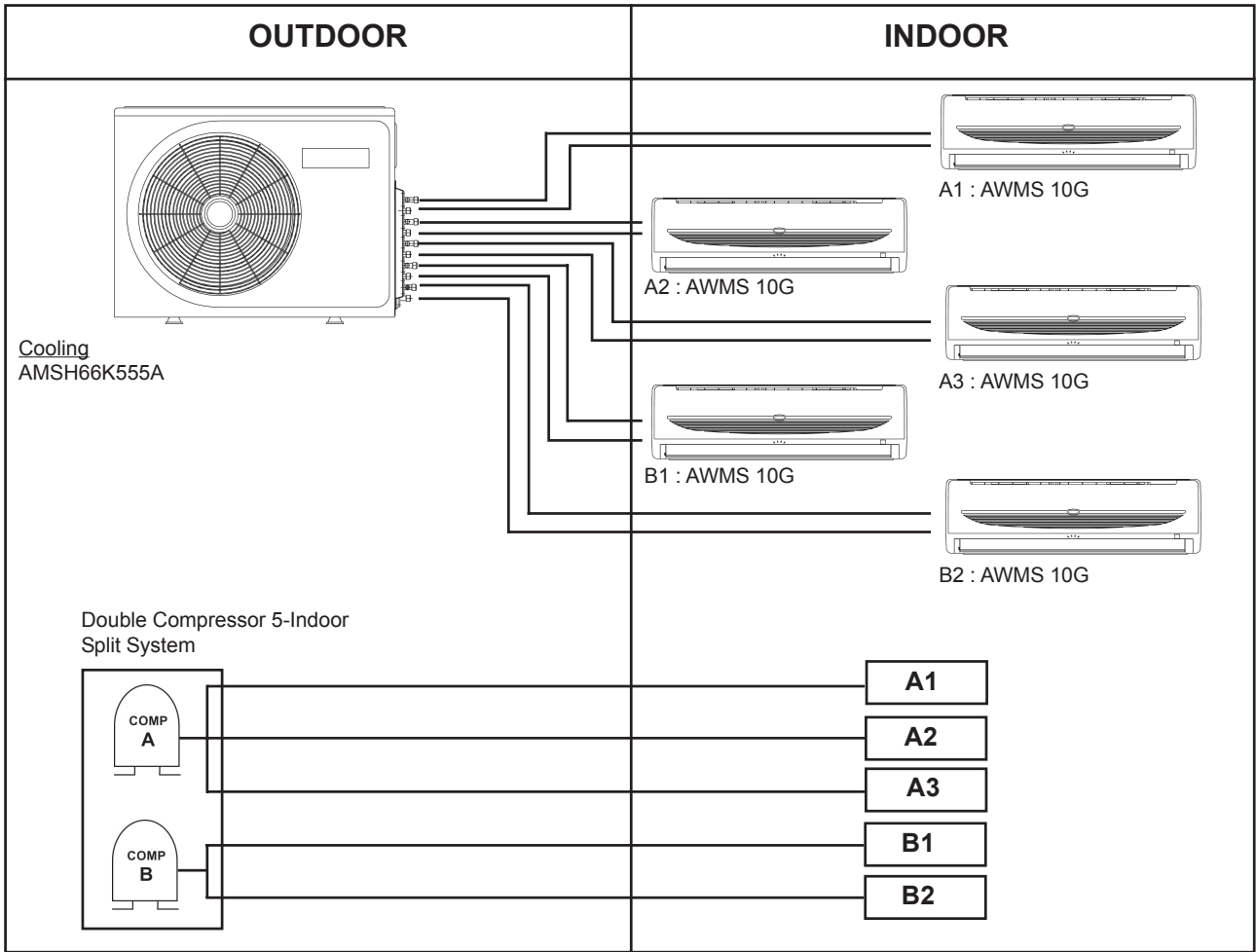
**Air
Discharge**

COUPLING VERSATILITY









4. SPECIFICATIONS

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1010A | AMSD1515A | |
|----------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G | |
| NOMINAL CAPACITY | | | Btu/h | 2 x 9500 | 2 x 12700 |
| | | | W | 2 x 2780 | 2 x 3720 |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | | W | 1018 | 1459 |
| | TWO UNITS RUNNING | | W | 1864 | 2756 |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | | A | 4.47 | 6.43 |
| | TWO UNITS RUNNING | | A | 8.30 | 12.10 |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 62 / 136.69 | 64 / 141.1 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| SIZE | | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 | |
| | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.725 / 2 x 1.6 | 2 x 1.0 / 2 x 2.2 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1015A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|--------------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | |
| NOMINAL CAPACITY | | Btu/h | 9500 | 12700 | |
| | | W | 2780 | 3720 | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | W | 1018 | 1459 | |
| | TWO UNITS RUNNING | W | 2310 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | A | 4.47 | 6.43 | |
| | TWO UNITS RUNNING | A | 10.20 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.89 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 6.35 / 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.85 / 2 x 1.87 | | |

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a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1020A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|--------------|
| | INDOOR UNIT | | AWMS10G | AWMS20G | |
| NOMINAL CAPACITY | | Btu/h | 9500 | 18000 | |
| | | W | 2780 | 5280 | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | W | 1070 | 2076 | |
| | TWO UNITS RUNNING | W | 3059 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | A | 4.73 | 10.20 | |
| | TWO UNITS RUNNING | A | 14.40 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 240.72 / 510 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 207.7 / 440 |
| | | LOW | l/s / cfm | 94.39 / 200 | 174.6 / 370 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 44 / 40 / 35 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 |
| | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 |
| | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 |
| | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 |
| | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | 16 / 35.27 |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | 20 / 0.79 |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 59 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960 / 37.8 | |
| | | DEPTH | mm/in | 437 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 95 / 209.44 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 6.35 / 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 15.88 / 5/8 |
| REFRIGERANT CHARGE | | kg/lb | 0.73 / 1.60 | 1.83 / 4.03 | |

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a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1520A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|--------------|
| | INDOOR UNIT | | AWMS15G | AWMS20G | |
| NOMINAL CAPACITY | | Btu/h | 12700 | 18000 | |
| | | W | 3720 | 5280 | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | W | 1511 | 2076 | |
| | TWO UNITS RUNNING | W | 3364 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | A | 6.69 | 10.20 | |
| | TWO UNITS RUNNING | A | 16.20 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 162.82 / 345 | 240.72 / 510 |
| | | MEDIUM | l/s / cfm | 134.51 / 285 | 207.7 / 440 |
| | | LOW | l/s / cfm | 103.83 / 220 | 174.6 / 370 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 42 / 36 / 29 | 44 / 40 / 35 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 |
| | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 |
| | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 |
| | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 |
| | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | 16 / 35.27 |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | 20 / 0.79 |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | |
| | SOUND PRESSURE LEVEL | | dBA | 59 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960 / 37.8 | |
| | | DEPTH | mm/in | 437 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 99 / 218.26 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 6.35 / 1/4 |
| GAS | | | mm/in | 12.7 / 1/2 | 15.88 / 5/8 |
| REFRIGERANT CHARGE | | kg/lb | 1.00 / 2.21 | 1.83 / 4.03 | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD2020A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|---------------------|
| | INDOOR UNIT | | 2 x AWMS20G | | |
| NOMINAL CAPACITY | Btu/h | | 18000 | | |
| | W | | 5280 | | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | W | 2076 | | |
| | TWO UNITS RUNNING | W | 4574 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | A | 10.2 | | |
| | TWO UNITS RUNNING | A | 21.9 | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 240.72 / 510 | |
| | | MEDIUM | l/s / cfm | 207.7 / 440 | |
| | | LOW | l/s / cfm | 174.6 / 370 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 44 / 40 / 35 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 306 / 12.0 | |
| | | WIDTH | mm/in | 1062 / 41.8 | |
| | | DEPTH | mm/in | 222 / 8.7 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 378 / 14.9 | |
| | | WIDTH | mm/in | 1130 / 44.5 | |
| | | DEPTH | mm/in | 292 / 11.5 | |
| | UNIT WEIGHT | | kg/lb | 16 / 35.27 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 20 / 0.79 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | |
| | SOUND PRESSURE LEVEL | | dBA | 61 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960 / 37.8 | |
| | | DEPTH | mm/in | 437 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 106 / 233.69 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| | | | GAS | mm/in | 2 x 15.88 / 2 x 5/8 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 1.83 / 2 x 4.03 | | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1010AR | AMSD1515AR | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 9100 | 11500 | |
| | W | | 2670 | 3370 | |
| NOMINAL HEATING CAPACITY | Btu/h | | 10700 | 12000 | |
| | W | | 3140 | 3520 | |
| NOMINAL TOTAL INPUT POWER (COOLING) | ONE UNIT RUNNING | W | 997 | 1244 | |
| | TWO UNITS RUNNING | W | 1864 | 2480 | |
| NOMINAL TOTAL INPUT POWER (HEATING) | ONE UNIT RUNNING | W | 1157 | 1362 | |
| | TWO UNITS RUNNING | W | 2074 | 2458 | |
| NOMINAL RUNNING CURRENT (COOLING) | ONE UNIT RUNNING | A | 4.46 | 5.61 | |
| | TWO UNITS RUNNING | A | 8.32 | 11.22 | |
| NOMINAL RUNNING CURRENT (HEATING) | ONE UNIT RUNNING | A | 5.04 | 6.07 | |
| | TWO UNITS RUNNING | A | 9.14 | 11.08 | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.89 | 65 / 143.3 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | | | mm/in | 2 x 9.52 / 2 x 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.775 / 2 x 1.71 | 2 x 0.9 / 2 x 1.98 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1015AR | | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 9100 | 11500 | |
| | W | | 2670 | 3370 | |
| NOMINAL HEATING CAPACITY | Btu/h | | 10700 | 12000 | |
| | W | | 3140 | 3520 | |
| NOMINAL TOTAL INPUT POWER (COOLING) | ONE UNIT RUNNING | W | 1000 | 1244 | |
| | TWO UNITS RUNNING | W | 2175 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | ONE UNIT RUNNING | W | 200 | 200 | |
| | TWO UNITS RUNNING | W | 2175 | | |
| NOMINAL RUNNING CURRENT (COOLING) | ONE UNIT RUNNING | A | 4.48 | 5.61 | |
| | TWO UNITS RUNNING | A | 9.79 | | |
| NOMINAL RUNNING CURRENT (HEATING) | ONE UNIT RUNNING | A | 0.85 | 0.85 | |
| | TWO UNITS RUNNING | A | 9.79 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 64 / 141.1 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.775 / 1.71 | 0.9 / 1.98 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1520AR | | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | AWMS15GR | AWMS20GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 11000 | 18000 | |
| | W | | 3220 | 5280 | |
| NOMINAL HEATING CAPACITY | Btu/h | | 12000 | 19000 | |
| | W | | 3520 | 5570 | |
| NOMINAL TOTAL INPUT POWER (COOLING) | ONE UNIT RUNNING | W | 1349 | 2189 | |
| | TWO UNITS RUNNING | W | 3460 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | ONE UNIT RUNNING | W | 1382 | 2406 | |
| | TWO UNITS RUNNING | W | 3475 | | |
| NOMINAL RUNNING CURRENT (COOLING) | ONE UNIT RUNNING | A | 6.01 | 11.8 | |
| | TWO UNITS RUNNING | A | 17.33 | | |
| NOMINAL RUNNING CURRENT (HEATING) | ONE UNIT RUNNING | A | 6.21 | 12.9 | |
| | TWO UNITS RUNNING | A | 17.53 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HEIGHT | l/s / cfm | 162.82 / 345 | 240.72 / 510 |
| | | MEDIUM | l/s / cfm | 134.51 / 285 | 207.7 / 440 |
| | | LOW | l/s / cfm | 103.83 / 220 | 174.6 / 370 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 42 / 36 / 29 | 44 / 40 / 35 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 |
| | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 |
| | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 |
| | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 |
| | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | 16 / 35.27 |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | 20 / 0.79 |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | |
| | SOUND PRESSURE LEVEL | | dBA | 61 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960 / 37.8 | |
| | | DEPTH | mm/in | 437 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 100 / 220.46 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | | | mm/in | 12.7 / 1/2 | 15.88 / 5/8 |
| REFRIGERANT CHARGE | | kg/lb | 0.925 / 2.04 | 1.65 / 3.64 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1010A | A4MSD1515A | | | |
|----------------------------|----------------------------------|--------|-----------------------|---------------------|---|--------------------|--|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G | | | |
| NOMINAL CAPACITY | | | Btu/h | 9000 | 12000 | | |
| | | | W | 2640 | 3520 | | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | | W | 1037 | 1570 | | |
| | TWO UNITS RUNNING | | W | 1904 | 2970 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | | A | 4.43 | 7.05 | | |
| | TWO UNITS RUNNING | | A | 8.14 | 13.38 | | |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | | |
| REFRIGERANT TYPE / CONTROL | | | R47C / CAPILLARY TUBE | | | | |
| INDOOR UNIT | CONTROL | | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | | | OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HIGH | | l/s / cfm | 141.60 / 300 | 162.82 / 345 | |
| | | MEDIUM | | l/s / cfm | 117.99 / 250 | 134.51 / 285 | |
| | | LOW | | l/s / cfm | 94.39 / 200 | 103.83 / 220 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | | Pa/in.wg. | N/A | | |
| | SOUND PRESSURE LEVEL (H/M/L) | | | dBA | 39 / 34 / 28 | 42 / 36 / 29 | |
| | UNIT DIMENSION | HEIGHT | | mm/in | 260 / 10.2 | | |
| | | WIDTH | | mm/in | 899 / 35.4 | | |
| | | DEPTH | | mm/in | 198 / 7.8 | | |
| | PACKING DIMENSION | HEIGHT | | mm/in | 337 / 13.3 | | |
| | | WIDTH | | mm/in | 957 / 37.7 | | |
| | | DEPTH | | mm/in | 270 / 10.6 | | |
| | UNIT WEIGHT | | | kg/lb | 12 / 26.46 | | |
| | CONDENSATE DRAIN SIZE | | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | | | |
| | SOUND PRESSURE LEVEL | | | dBA | 56 | | |
| | UNIT DIMENSION | HEIGHT | | mm/in | 646 / 25.4 | | |
| | | WIDTH | | mm/in | 840 / 33.1 | | |
| | | DEPTH | | mm/in | 330 / 13 | | |
| | PACKING DIMENSION | HEIGHT | | mm/in | 710 / 28.0 | | |
| | | WIDTH | | mm/in | 982 / 38.7 | | |
| | | DEPTH | | mm/in | 461 / 18.1 | | |
| | UNIT WEIGHT | | | kg/lb | 62 / 136.69 | 64 / 141.1 | |
| | PIPE CONNECTION | SIZE | | TYPE | | FLARE VALVE | |
| | | | | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 | |
| | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 2 x 12.7 / 2 x 1/2 | | |
| REFRIGERANT CHARGE | | | kg/lb | 2 x 0.75 / 2 x 1.65 | 2 x 0.8 / 2 x 1.76 | | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1015A | | |
|----------------------------|----------------------------------|---------------|------------------------|---|--------------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | |
| NOMINAL CAPACITY | | Btu/h | 9000 | 12000 | |
| | | W | 2640 | 3520 | |
| NOMINAL TOTAL INPUT POWER | ONE UNIT RUNNING | W | 1037 | 1570 | |
| | TWO UNITS RUNNING | W | 2437 | | |
| NOMINAL RUNNING CURRENT | ONE UNIT RUNNING | A | 4.43 | 7.05 | |
| | TWO UNITS RUNNING | A | 10.76 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.89 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 6.35 / 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.75 / 2 x 1.65 | 2 x 0.8 / 2 x 1.76 | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1010AR | A4MSD1515AR | |
|-------------------------------------|----------------------------------|---------------|------------------------|---|--------------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 9000 | 10500 | |
| | W | | 2640 | 3080 | |
| NOMINAL HEATING CAPACITY | Btu/h | | 9000 | 11500 | |
| | W | | 2640 | 3370 | |
| NOMINAL TOTAL INPUT POWER (COOLING) | ONE UNIT RUNNING | W | 996 | 1470 | |
| | TWO UNITS RUNNING | W | 1916 | 2828 | |
| NOMINAL TOTAL INPUT POWER (HEATING) | ONE UNIT RUNNING | W | 994 | 1480 | |
| | TWO UNITS RUNNING | W | 1786 | 2718 | |
| NOMINAL RUNNING CURRENT (COOLING) | ONE UNIT RUNNING | A | 4.21 | 6.73 | |
| | TWO UNITS RUNNING | A | 8.14 | 12.86 | |
| NOMINAL RUNNING CURRENT (HEATING) | ONE UNIT RUNNING | A | 4.21 | 6.73 | |
| | TWO UNITS RUNNING | A | 7.62 | 12.46 | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HEIGHT | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.89 | 65 / 143.3 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | | | mm/in | 2 x 9.52 / 2 x 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.725 / 2 x 1.60 | 2 x 0.8 / 2 x 1.76 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1015AR | | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 9000 | 10500 | |
| | W | | 2640 | 3080 | |
| NOMINAL HEATING CAPACITY | Btu/h | | 9000 | 11500 | |
| | W | | 2640 | 3370 | |
| NOMINAL TOTAL INPUT POWER (COOLING) | ONE UNIT RUNNING | W | 996 | 1470 | |
| | TWO UNITS RUNNING | W | 2371 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | ONE UNIT RUNNING | W | 994 | 1480 | |
| | TWO UNITS RUNNING | W | 2251 | | |
| NOMINAL RUNNING CURRENT (COOLING) | ONE UNIT RUNNING | A | 4.21 | 6.73 | |
| | TWO UNITS RUNNING | A | 10.54 | | |
| NOMINAL RUNNING CURRENT (HEATING) | ONE UNIT RUNNING | A | 4.21 | 6.73 | |
| | TWO UNITS RUNNING | A | 10.04 | | |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HEIGHT | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.89 | 65 / 143.3 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.725 / 2 x 1.60 | 2 x 0.8 / 2 x 1.76 | |

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1010A | | AMSD1515A | |
|---------------|-----------------------|---------|----------------------|--|-------------|--|
| | INDOOR UNIT | | 2 x AWMS10G | | 2 x AWMS15G | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | | 30 | |
| | RATED RUNNING CURRENT | A | 0.11 | | 0.13 | |
| | MOTOR OUTPUT | W | 9 | | 13 | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 170 | | | |
| | RATED RUNNING CURRENT | A | 0.72 | | | |
| | MOTOR OUTPUT | W | 70 | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER | W | 821 | | 1259 | |
| | RATED RUNNING CURRENT | A | 3.64 | | 5.58 | |
| | LOCKED ROTOR AMP. | A | 20 | | 25 | |

| MODEL | OUTDOOR UNIT | | AMSD1015A | | | |
|---------------|-----------------------|---------|----------------------|--|---------|--|
| | INDOOR UNIT | | AWMS10G | | AWMS15G | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | | 30 | |
| | RATED RUNNING CURRENT | A | 0.11 | | 0.13 | |
| | MOTOR OUTPUT | W | 9 | | 13 | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 170 | | | |
| | RATED RUNNING CURRENT | A | 0.72 | | | |
| MOTOR OUTPUT | W | 70 | | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER | W | 821 | | 1259 | |
| | RATED RUNNING CURRENT | A | 3.64 | | 5.58 | |
| | LOCKED ROTOR AMP. | A | 20 | | 25 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1020A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | AWMS10G | AWMS20G |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 50 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.22 |
| | MOTOR OUTPUT | W | 9 | 20 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| | RATED INPUT POWER | W | 222 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 50 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER | W | 821 | 1804 |
| | RATED RUNNING CURRENT | A | 3.64 | 9.00 |
| | LOCKED ROTOR AMP. | A | 20 | 56 |

| MODEL | OUTDOOR UNIT | | AMSD1520A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | AWMS15G | AWMS20G |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 30 | 50 |
| | RATED RUNNING CURRENT | A | 0.13 | 0.22 |
| | MOTOR OUTPUT | W | 13 | 20 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| | RATED INPUT POWER | W | 222 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 50 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER | W | 1259 | 1804 |
| | RATED RUNNING CURRENT | A | 5.58 | 9.00 |
| | LOCKED ROTOR AMP. | A | 25 | 56 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

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ELECTRICAL DATA - COOLING ONLY (R22)

| | | | |
|----------------------|------------------------------|----------------|----------------------|
| MODEL | OUTDOOR UNIT | | AMSD2020A |
| | INDOOR UNIT | | 2 x AWMS20G |
| INDOOR MOTOR | INSULATION GRADE | | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz |
| | RATED INPUT POWER | W | 50 |
| | RATED RUNNING CURRENT | A | 0.22 |
| | MOTOR OUTPUT | W | 20 |
| | POLES | | 4 |
| OUTDOOR MOTOR | INSULATION GRADE | | E |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50 |
| | RATED INPUT POWER | W | 222 |
| | RATED RUNNING CURRENT | A | 0.98 |
| | MOTOR OUTPUT | W | 150 |
| COMPRESSOR | INSULATION GRADE | | N/A |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz |
| | CAPACITOR (EACH COMP) | μF | 45 |
| | RATED INPUT POWER | W | 1804 |
| | RATED RUNNING CURRENT | A | 9 |
| | LOCKED ROTOR AMP. | A | 56 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1010AR | AMSD1515AR |
|---------------|---------------------------------|---------|----------------------|--------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| | MOTOR OUTPUT | W | 70 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 820 | 1125 |
| | RATED INPUT POWER (HEATING) | W | 925 | 1114 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.69 | 5.12 |
| | RATED RUNNING CURRENT (HEATING) | A | 4.1 | 5.05 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | AMSD1015AR | |
|-------------------|---------------------------------|---------|----------------------|----------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| MOTOR OUTPUT | W | 70 | | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 820 | 1125 |
| | RATED INPUT POWER (HEATING) | W | 925 | 1114 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.69 | 5.12 |
| | RATED RUNNING CURRENT (HEATING) | A | 4.1 | 5.05 |
| LOCKED ROTOR AMP. | A | 20 | 25 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1520AR | |
|---------------|---------------------------------|---------|----------------------|----------|
| | INDOOR UNIT | | AWMS15GR | AWMS20GR |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 30 | 50 |
| | RATED RUNNING CURRENT | A | 0.13 | 0.22 |
| | MOTOR OUTPUT | W | 13 | 20 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| | RATED INPUT POWER | W | 222 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER (COOLING) | W | 1171 | 1987 |
| | RATED INPUT POWER (HEATING) | W | 1086 | 2087 |
| | RATED RUNNING CURRENT (COOLING) | A | 5.2 | 10.8 |
| | RATED RUNNING CURRENT (HEATING) | A | 4.9 | 11.3 |
| | LOCKED ROTOR AMP. | A | 25 | 56 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1010A | A4MSD1515A |
|---------------|-----------------------|---------|----------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| | MOTOR OUTPUT | W | 70 | |
| COMPRESSOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 840 | 1370 |
| | RATED RUNNING CURRENT | A | 3.6 | 6.2 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | A4MSD1015A | |
|-------------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | AWMS10G | AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| MOTOR OUTPUT | W | 70 | | |
| COMPRESSOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 840 | 1370 |
| | RATED RUNNING CURRENT | A | 3.6 | 6.2 |
| LOCKED ROTOR AMP. | A | 20 | 25 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1010AR | A4MSD1515AR |
|---------------|---------------------------------|---------|----------------------|--------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| | MOTOR OUTPUT | W | 70 | |
| COMPRESSOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 846 | 1299 |
| | RATED INPUT POWER (HEATING) | W | 781 | 1244 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.60 | 5.94 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.34 | 5.74 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | A4MSD1015AR | |
|-------------------|---------------------------------|---------|----------------------|----------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| MOTOR OUTPUT | W | 70 | | |
| COMPRESSOR | INSULATION GRADE | | E | E |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 846 | 1298 |
| | RATED INPUT POWER (HEATING) | W | 799 | 1225 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.60 | 5.98 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.40 | 5.68 |
| LOCKED ROTOR AMP. | A | 20 | 25 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMSD1010A | AMSD1515A | |
|-------------------|--------------------------|--------------|---------------------------------|--------------------------------------|--------------------------------|--|
| | INDOOR UNIT | | | 2 x AWMS10G | 2 x AWMS15G | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | ASG30 | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 97 / 3.82 | | |
| | LENGTH | | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | IP24 | | |
| OUTDOOR FAN | TYPE | | | PROPELLER | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | N/A | N/A | |
| COMPRESSOR | TYPE | | | ROTARY | | |
| | QUANTITY | | | 2 | | |
| | OIL TYPE | | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | SEAMLESS COPPER | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 16 | | |
| AIR QUALITY | FILTER | TYPE | | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | |
| | | | WIDTH | mm/in | 336 / 13.23 | |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | | |
| | | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1015A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | ASG30 | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 16 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMSD1020A | | |
|-------------------|--------------------------|--------------|---------------------------------|--------------------------------------|---------------|-------------|
| | INDOOR UNIT | | | AWMS10G | AWMS20G | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | ASG30 | ASG30 | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 97 / 3.82 | 108 / 4.25 | |
| | LENGTH | | mm/in | 717.5 / 28.25 | 810 / 31.89 | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | IP24 | IP20 | |
| OUTDOOR FAN | TYPE | | | PROPELLER | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | | SINGLE PHASE INDUCTION | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | N/A | | |
| COMPRESSOR | TYPE | | | ROTARY | | |
| | QUANTITY | | | 2 | | |
| | OIL TYPE | | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 350 / 11.8 | 700 / 23.7 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | 0.224 / 2.411 | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.586 / 6.31 | | |
| | | ROW | | 3 | | |
| FIN PER INCH | | 14 | | | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | | |
| | | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSD1520A | | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|---------------|-------------|
| | INDOOR UNIT | | AWMS15G | AWMS20G | | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | ASG30 | ASG30 | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 97 / 3.82 | 108 / 4.25 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | 810 / 31.89 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | IP24 | IP20 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 482.6 / 19 | | | |
| OUTDOOR FAN MOTOR | TYPE | | SINGLE PHASE INDUCTION | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | N/A | | | |
| COMPRESSOR | TYPE | | ROTARY | | | |
| | QUANTITY | | 2 | | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 410 / 13.9 | 700 / 23.7 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | 0.224 / 2.411 | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.586 / 6.31 | | |
| | | ROW | | 3 | | |
| FIN PER INCH | | 14 | | | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | YES | | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | | |
| | | COLOUR | IVORY | | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | | |
| | | COLOUR | LIGHT GREY | | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| | | | | | |
|--------------------------|---------------------------------|---------------------|---------------------------------|--------------------------------------|-------------|
| MODEL | OUTDOOR UNIT | | | AMSD2020A | |
| | INDOOR UNIT | | | 2 x AWMS20G | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | |
| | QUANTITY | | | 1 | |
| | MATERIAL | | | ASG30 | |
| | DRIVE | | | DIRECT | |
| | DIAMETER | | mm/in | 108 / 4.25 | |
| | LENGTH | | mm/in | 810 / 31.89 | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | |
| | QUANTITY | | | 1 | |
| | INDEX OF PROTECTION (IP) | | | IP20 | |
| OUTDOOR FAN | TYPE | | | PROPELLER | |
| | QUANTITY | | | 1 | |
| | MATERIAL | | | GLASS REINFORCED ACRLY STYRENE RESIN | |
| | DRIVE | | | DIRECT | |
| | DIAMETER | | mm/in | 482.6 / 19 | |
| OUTDOOR FAN MOTOR | TYPE | | | SINGLE PHASE INDUCTION | |
| | QUANTITY | | | 1 | |
| | INDEX OF PROTECTION (IP) | | | N/A | |
| COMPRESSOR | TYPE | | | ROTARY | |
| | QUANTITY | | | 2 | |
| | OIL TYPE | | | ATMOS M60 / SUNISO 4GDID | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 700 / 23.7 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.224 / 2.411 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.586 / 6.31 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 327 / 12.87 |
| | | | WIDTH | mm/in | 386 / 15.20 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | | YES | |
| | CASING | INDOOR UNIT | MATERIAL | HIPS | |
| COLOUR | | | IVORY | | |
| OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1010AR | AMSD1515AR | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 16 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | COLOUR | EPOXY-POLYESTER POWDER | | |
| | | | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1015AR | | |
|-------------------|--------------------------|-------------------------|--|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYLIC STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 16 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | COLOUR | LIGHT GREY | | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMSD1520AR | | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|-------------|
| | INDOOR UNIT | | AWMS15GR | AWMS20GR | | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | ASG30 | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 97 / 3.82 | 108 / 4.25 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | 810 / 31.89 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | IP24 | IP20 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 482.6 / 19 | | | |
| OUTDOOR FAN MOTOR | TYPE | | SINGLE PHASE INDUCTION | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | N/A | | | |
| COMPRESSOR | TYPE | | ROTARY | | | |
| | QUANTITY | | 2 | | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 410 / 13.9 | 700 / 23.7 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | | |
| | | ROW | 2 | | | |
| | | FIN PER INCH | 18 | | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | | |
| | | ROW | 3 | | | |
| | | FIN PER INCH | 14 | | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | | |
| | NEGATIVE IONIZER | | YES | | | |
| | CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| COLOUR | | | IVORY | | | |
| OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | | |
| | | COLOUR | LIGHT GREY | | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | | A4MSD1010A | A4MSD1515A | |
|-------------------|--------------------------|--------------|---------------------------------|--|--------------------------------|--|
| | INDOOR UNIT | | | 2 x AWMS10G | 2 x AWMS15G | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | ASG30 | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 97 / 3.82 | | |
| | LENGTH | | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | IP24 | | |
| OUTDOOR FAN | TYPE | | | PROPELLER | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | GLASS REINFORCED ACRYLIC STYRENE RESIN | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | N/A | N/A | |
| COMPRESSOR | TYPE | | | ROTARY | | |
| | QUANTITY | | | 2 | | |
| | OIL TYPE | | | RB68A | | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 350 / 11.9 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 16 | | |
| AIR QUALITY | FILTER | TYPE | | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | |
| | | | WIDTH | mm/in | 336 / 13.23 | |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | | YES | | |
| | CASING | INDOOR UNIT | | MATERIAL | HIPS | |
| COLOUR | | | | IVORY | | |
| OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | | |
| | | COLOUR | LIGHT GREY | | | |

1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1015A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.9 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 16 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | COLOUR | EPOXY-POLYESTER POWDER | | |
| | | | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1010AR | A4MSD1515AR | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10GR | 2 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.9 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 16 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| | CASING | INDOOR UNIT | MATERIAL | HIPS | |
| COLOUR | | | IVORY | | |
| OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | COLOUR | EPOXY-POLYESTER POWDER | | |
| | | | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MSD1015AR | | |
|-------------------|--------------------------|-------------------------|--|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10GR | AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYLIC STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.9 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 16 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101010A | AMST151515A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|----------------------|--------------------|
| | INDOOR UNIT | | 3 x AWMS10G | 3 x AWMS15G | | |
| NOMINAL CAPACITY | Btu/h | | 27000 (9000 - 27000) | 38100 (12700 - 38100) | | |
| | W | | 7910 (2640 - 7910) | 11170 (3720 - 11170) | | |
| NOMINAL TOTAL INPUT POWER | W | | 2895 (1117 - 2895) | 4188 (1548 - 4188) | | |
| NOMINAL RUNNING CURRENT | A | | 12.83 (4.93 - 12.83) | 18.47 (6.81 - 18.47) | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | | OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HEIGHT | l/s / cfm | 141.60 / 300 | 162.82 / 345 | |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 | |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | | |
| | | WIDTH | mm/in | 899 / 35.4 | | |
| | | DEPTH | mm/in | 198 / 7.8 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | | |
| | | WIDTH | mm/in | 957 / 37.7 | | |
| | | DEPTH | mm/in | 270 / 10.6 | | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBA | 61 / 58 | 62 / 59 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | | WIDTH | mm/in | 960.0 / 37.8 | | |
| | | DEPTH | mm/in | 437.0 / 17.2 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | | WIDTH | mm/in | 1,194 / 47.0 | | |
| | | DEPTH | mm/in | 611 / 24.1 | | |
| | UNIT WEIGHT | | kg/lb | 97 / 213.8 | 109 / 240.3 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | | GAS | mm/in | 3 x 9.52 / 3 x 3/8 | 3 x 12.7 / 3 x 1/2 |
| | REFRIGERANT CHARGE | | kg/lb | 3 x 0.8 / 3 x 1.76 | 3 x 0.825 / 3 x 1.82 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101015A | | |
|----------------------------|----------------------------------|-----------|---|--------------------|--------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS15G | |
| NOMINAL CAPACITY | Btu/h | | 30700 (9000 - 30700) | | |
| | W | | 9000 (2640 - 9000) | | |
| NOMINAL TOTAL INPUT POWER | W | | 3326 (1117 - 3326) | | |
| NOMINAL RUNNING CURRENT | A | | 14.71 (4.93 - 14.71) | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | AIR DISCHARGE OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 61 / 58 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 101 / 222.7 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.8 / 2 x 1.76 | 0.825 / 1.82 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101515A | | |
|----------------------------|----------------------------------|-----------|---|----------------------|--------------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G | |
| NOMINAL CAPACITY | Btu/h | | 34900 (9500 - 34900) | | |
| | W | | 10220 (2780 - 10220) | | |
| NOMINAL TOTAL INPUT POWER | W | | 3666 (1026 - 3666) | | |
| NOMINAL RUNNING CURRENT | A | | 16.03 (4.37 - 16.03) | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | AIR DISCHARGE OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 62 / 59 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 105 / 231.5 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 9.52 / 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.8 / 1.76 | 2 x 0.825 / 2 x 1.82 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMST101020A | | |
|----------------------------|----------------------------------|--|----------------------|----------------------|---|--------------------|
| | INDOOR UNIT | | | 2 x AWMS10G | AWMS20G | |
| NOMINAL CAPACITY | | | Btu/h | 36000 (9000 - 36000) | | |
| | | | W | 10560 (2640 - 10560) | | |
| NOMINAL TOTAL INPUT POWER | | | W | 4027 (1117 - 4027) | | |
| NOMINAL RUNNING CURRENT | | | A | 18.12 (4.93 - 18.12) | | |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | | HIGH | l/s / cfm | 141.60 / 300 | 240.72 / 510 |
| | | | MEDIUM | l/s / cfm | 117.99 / 250 | 207.7 / 440 |
| | | | LOW | l/s / cfm | 94.39 / 200 | 174.6 / 370 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | | dBa | 39 / 34 / 28 | 44 / 40 / 35 |
| | UNIT DIMENSION | | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 |
| | | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 |
| | | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 |
| | PACKING DIMENSION | | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 |
| | | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 |
| | | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 |
| | UNIT WEIGHT | | | kg/lb | 12 / 26.46 | 16 / 35.27 |
| CONDENSATE DRAIN SIZE | | | mm/in | 16 / 0.63 | 20 / 0.79 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBa | 61 / 58 | | |
| | UNIT DIMENSION | | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | | WIDTH | mm/in | 960.0 / 37.8 | |
| | | | DEPTH | mm/in | 437.0 / 17.2 | |
| | PACKING DIMENSION | | HEIGHT | mm/in | 824 / 32.4 | |
| | | | WIDTH | mm/in | 1,194 / 47.0 | |
| | | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | | kg/lb | 104 / 229.3 | |
| | PIPE CONNECTION | | TYPE | | FLARE VALVE | |
| | | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 |
| GAS | | | | mm/in | 2 x 9.52 / 2 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | | kg/lb | 2 x 0.65 / 2 x 1.43 | 1.075 / 2.37 | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMST101025A | | |
|----------------------------|----------------------------------|--|----------------------|----------------------|---|--------------------|
| | INDOOR UNIT | | | 2 x AWMS10G | AWMS25G | |
| NOMINAL CAPACITY | | | Btu/h | 36000 (9000 - 36000) | | |
| | | | W | 10560 (2640 - 10560) | | |
| NOMINAL TOTAL INPUT POWER | | | W | 4027 (1117 - 4027) | | |
| NOMINAL RUNNING CURRENT | | | A | 21.17 (4.93 - 21.17) | | |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | | HIGH | l/s / cfm | 141.60 / 300 | 306.77 / 650 |
| | | | MEDIUM | l/s / cfm | 117.99 / 250 | 235.97 / 500 |
| | | | LOW | l/s / cfm | 94.39 / 200 | 212.38 / 450 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | | dBA | 39 / 34 / 28 | 49 / 43 / 40 |
| | UNIT DIMENSION | | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 |
| | | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 |
| | | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 |
| | PACKING DIMENSION | | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 |
| | | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 |
| | | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 |
| | UNIT WEIGHT | | | kg/lb | 12 / 26.46 | 16 / 35.27 |
| CONDENSATE DRAIN SIZE | | | mm/in | 16 / 0.63 | 20 / 0.79 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBA | 57 | | |
| | UNIT DIMENSION | | HEIGHT | mm/in | 850 / 33.46 | |
| | | | WIDTH | mm/in | 1030 / 40.55 | |
| | | | DEPTH | mm/in | 400 / 15.75 | |
| | PACKING DIMENSION | | HEIGHT | mm/in | 1000 / 39.37 | |
| | | | WIDTH | mm/in | 1200 / 47.24 | |
| | | | DEPTH | mm/in | 560 / 22.05 | |
| | UNIT WEIGHT | | | kg/lb | 117 / 257.94 | |
| | PIPE CONNECTION | | TYPE | | FLARE VALVE | |
| | | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 |
| GAS | | | | mm/in | 2 x 9.52 / 2 x 3/8 | 15.88 / 5/8 |
| REFRIGERANT CHARGE | | | kg/lb | 2 x 0.74 / 2 x 1.63 | 1.44 / 3.17 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMST151525A | | |
|----------------------------|----------------------------------|---------------|----------------------|-----------------------|---|--|
| | INDOOR UNIT | | | 2 x AWMS15G | AWMS25G | |
| NOMINAL CAPACITY | | | Btu/h | 61100 (12700 - 61100) | | |
| | | | W | 17910 (3720 - 17910) | | |
| NOMINAL TOTAL INPUT POWER | | | W | 5364 (1548 - 5364) | | |
| NOMINAL RUNNING CURRENT | | | A | 24.93 (6.81 - 24.93) | | |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 162.82 / 345 | 306.77 / 650 | |
| | | MEDIUM | l/s / cfm | 134.51 / 285 | 235.97 / 500 | |
| | | LOW | l/s / cfm | 103.83 / 220 | 212.38 / 450 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 42 / 36 / 29 | 49 / 43 / 40 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | 306 / 12.0 | |
| | | WIDTH | mm/in | 899 / 35.4 | 1062 / 41.8 | |
| | | DEPTH | mm/in | 198 / 7.8 | 222 / 8.7 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | 378 / 14.9 | |
| | | WIDTH | mm/in | 957 / 37.7 | 1130 / 44.5 | |
| | | DEPTH | mm/in | 270 / 10.6 | 292 / 11.5 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | 16 / 35.27 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | 20 / 0.79 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBA | 57 | | |
| | UNIT DIMENSION | HEIGHT | mm/in | 850 / 33.46 | | |
| | | WIDTH | mm/in | 1030 / 40.55 | | |
| | | DEPTH | mm/in | 400 / 15.75 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 1000 / 39.37 | | |
| | | WIDTH | mm/in | 1200 / 47.24 | | |
| | | DEPTH | mm/in | 560 / 22.05 | | |
| | UNIT WEIGHT | | kg/lb | 123 / 271.2 | | |
| | PIPE CONNECTION | TYPE | | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| GAS | | | mm/in | 2 x 12.7 / 2 x 1/2 | 15.88 / 5/8 | |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.87 / 2 x 1.92 | 1.44 / 3.17 | | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101525A | | | |
|----------------------------|----------------------------------|--------|---|---------------|--------------------|--------------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | AWMS25G | |
| NOMINAL CAPACITY | Btu/h | | 44500 (9500 - 44500) | | | |
| | W | | 13040 (2780 - 13040) | | | |
| NOMINAL TOTAL INPUT POWER | W | | 4790 (1117 - 4790) | | | |
| NOMINAL RUNNING CURRENT | A | | 22.70 (5.14 - 22.70) | | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | | |
| | AIR DISCHARGE OPERATION | | WIRELESS HANDSET | | | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 | 306.77 / 650 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 | 235.97 / 500 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 | 212.38 / 450 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 | 49 / 43 / 40 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | | 306 / 12.0 |
| | | WIDTH | mm/in | 899 / 35.4 | | 1062 / 41.8 |
| | | DEPTH | mm/in | 198 / 7.8 | | 222 / 8.7 |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | | 378 / 14.9 |
| | | WIDTH | mm/in | 957 / 37.7 | | 1130 / 44.5 |
| | | DEPTH | mm/in | 270 / 10.6 | | 292 / 11.5 |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | | 16 / 35.27 |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | 20 / 0.79 |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBA | 57 | | |
| | UNIT DIMENSION | HEIGHT | mm/in | 850 / 33.46 | | |
| | | WIDTH | mm/in | 1030 / 40.55 | | |
| | | DEPTH | mm/in | 400 / 15.75 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 1000 / 39.37 | | |
| | | WIDTH | mm/in | 1200 / 47.24 | | |
| | | DEPTH | mm/in | 560 / 22.05 | | |
| | UNIT WEIGHT | | kg/lb | 120 / 264.6 | | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| GAS | | | mm/in | 9.52 / 3/8 | 12.7 / 1/2 | 15.88 / 5/8 |
| REFRIGERANT CHARGE | | kg/lb | 0.8 / 1.76 | 0.825 / 1.82 | 1.44 / 3.17 | |

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 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
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CAPACITY DATA - COOLING ONLY (R22)

| OUTDOOR OPERATING UNIT (AMST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|-------------------------------|-----------------------------|-----------------------------|------|-------|------|-------|------|------------------------|-------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1117 | 4.93 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2006 | 8.88 |
| | 10G + 10G + 10G | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7910 | 2895 | 12.83 |
| 151515A | 15G | 12700 | 3720 | - | - | - | - | 12700 | 3720 | 1548 | 6.81 |
| | 15G + 15G | 12700 | 3720 | 12700 | 3720 | - | - | 25400 | 7440 | 2868 | 12.64 |
| | 15G + 15G + 15G | 12700 | 3720 | 12700 | 3720 | 12700 | 3720 | 38100 | 11170 | 4188 | 18.47 |
| 101015A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1117 | 4.93 |
| | 15G | 12700 | 3720 | - | - | - | - | 12700 | 3720 | 1548 | 6.81 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2006 | 8.88 |
| | 10G + 15G | 9000 | 2640 | 12700 | 3720 | - | - | 21700 | 6360 | 2437 | 10.76 |
| | 10G + 10G + 15G | 9000 | 2640 | 9000 | 2640 | 12700 | 3720 | 30700 | 9000 | 3326 | 14.71 |
| 101515A | 10G | 9500 | 2780 | - | - | - | - | 9500 | 2780 | 1024 | 4.37 |
| | 15G | 12700 | 3720 | - | - | - | - | 12700 | 3720 | 1544 | 6.79 |
| | 10G + 15G | 9500 | 2780 | 12700 | 3720 | - | - | 22200 | 6500 | 2340 | 10.18 |
| | 15G + 15G | 12700 | 3720 | 12700 | 3720 | - | - | 25400 | 7440 | 2860 | 12.60 |
| | 10G + 15G + 15G | 9500 | 2780 | 12700 | 3720 | 12700 | 3720 | 34900 | 10220 | 3665 | 16.31 |
| 101020A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1117 | 4.93 |
| | 20G | 18000 | 5280 | - | - | - | - | 18000 | 5280 | 2249 | 10.22 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2006 | 8.88 |
| | 10G + 20G | 9000 | 2640 | 18000 | 5280 | - | - | 27000 | 7920 | 3138 | 14.17 |
| | 10G + 10G + 20G | 9000 | 2640 | 9000 | 2640 | 18000 | 5280 | 36000 | 10560 | 4027 | 18.12 |
| 101025A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1117 | 4.93 |
| | 25G | 23000 | 6740 | - | - | - | - | 23000 | 6740 | 2724 | 13.27 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2006 | 8.88 |
| | 10G + 25G | 9000 | 2640 | 23000 | 6740 | - | - | 32000 | 9380 | 3613 | 17.22 |
| | 10G + 10G + 25G | 9000 | 2640 | 9000 | 2640 | 23000 | 6740 | 51000 | 12020 | 4502 | 21.17 |
| 151525A | 15G | 12700 | 3720 | - | - | - | - | 12700 | 3720 | 1548 | 6.81 |
| | 25G | 23000 | 6740 | - | - | - | - | 23000 | 6740 | 2724 | 13.27 |
| | 15G + 15G | 12700 | 3720 | 12700 | 3720 | - | - | 25400 | 7440 | 2868 | 12.64 |
| | 15G + 25G | 12700 | 3720 | 23000 | 6740 | - | - | 35700 | 10460 | 4044 | 19.10 |
| | 15G + 15G + 25G | 12700 | 3720 | 12700 | 3720 | 23000 | 6740 | 61100 | 17910 | 5364 | 24.93 |
| 101525A | 10G | 9500 | 2780 | - | - | - | - | 9500 | 2780 | 1117 | 5.14 |
| | 15G | 12000 | 3520 | - | - | - | - | 12000 | 3520 | 1548 | 7.11 |
| | 25G | 23000 | 6740 | - | - | - | - | 23000 | 6740 | 2724 | 13.27 |
| | 10G + 15G | 9500 | 2780 | 12000 | 3520 | - | - | 21500 | 6300 | 2505 | 11.87 |
| | 10G + 25G | 9500 | 2780 | 23000 | 6740 | - | - | 32500 | 9520 | 3611 | 17.11 |
| | 15G + 25G | 12000 | 3520 | 23000 | 6740 | - | - | 35000 | 10260 | 4016 | 19.03 |
| | 10G + 15G + 25G | 9500 | 2780 | 12000 | 3520 | 23000 | 6740 | 44500 | 13040 | 4790 | 22.70 |

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101010AR | AMST151515AR | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | 3 x AWMS10GR | 3 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 27000 (9000 - 27000) | 36000 (12000 - 36000) | |
| | W | | 7910 (2640 - 7910) | 10550 (3520 - 10550) | |
| NOMINAL HEATING CAPACITY | Btu/h | | 27000 (9000 - 27000) | 33000 (11000 - 33000) | |
| | W | | 7910 (2640 - 7910) | 9670 (3220 - 9670) | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 2544 | 3957 | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 2337 | 3420 | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 11.42 | 17.93 | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 10.61 | 15.71 | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 61 / 58 | 62 / 59 | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 97 / 213.8 | 109 / 240.3 | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 3 x 9.52 / 3 x 3/8 | 3 x 12.7 / 3 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 3 x 0.875 / 3 x 1.93 | 3 x 0.9 / 3 x 1.98 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101015AR | | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------|
| | INDOOR UNIT | | 2 x AWMS10GR | AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 30000 (9000 - 30000) | | |
| | W | | 8800 (2640 - 8800) | | |
| NOMINAL HEATING CAPACITY | Btu/h | | 29000 (9000 - 29000) | | |
| | W | | 8500 (2640 - 8500) | | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 3015 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 2698 | | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 13.59 | | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 12.31 | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 61 / 58 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 101 / 222.7 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.875 / 2 x 1.93 | 0.9 / 1.98 | |

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- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101515AR | | |
|-------------------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 33000 (9000 - 33000) | | |
| | W | | 9680 (2640 - 9680) | | |
| NOMINAL HEATING CAPACITY | Btu/h | | 31000 (9000 - 31000) | | |
| | W | | 9080 (2640 - 9080) | | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 3486 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 3059 | | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 15.76 | | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 14.01 | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | |
| | SOUND PRESSURE LEVEL | | dBA | 62 / 59 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960.0 / 37.8 | |
| | | DEPTH | mm/in | 437.0 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1,194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 105 / 231.5 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 |
| GAS | | | mm/in | 9.52 / 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.875 / 1.93 | 2 x 0.9 / 2 x 1.98 | |

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

CAPACITY DATA - HEATPUMP (R22)

Cooling Capacity

| OUTDOOR OPERATING UNIT (AMST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY (COOLING) | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|-------------------------------|-----------------------------|---------------------------------------|------|-------|------|-------|------|------------------------|-------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7910 | 2544 | 11.42 |
| 151515AR | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | - | - | 24000 | 7040 | | |
| | 15GR + 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | 12000 | 3520 | 36000 | 10550 | 3957 | 17.93 |
| 101015AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | | | | |
| | 10GR + 15GR | 9000 | 2640 | 12000 | 3520 | - | - | | | | |
| | 10GR + 10GR + 15GR | 9000 | 2640 | 9000 | 2640 | 12000 | 3520 | 30000 | 8800 | 3015 | 13.59 |
| 101515AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 10GR + 15GR | 9000 | 2640 | 12000 | 3520 | - | - | | | | |
| | 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | - | - | | | | |
| | 10GR + 15GR + 15GR | 9000 | 2640 | 12000 | 3520 | 12000 | 3520 | 33000 | 9680 | 3486 | 15.76 |

Heating Capacity

| OUTDOOR OPERATING UNIT (AMST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY (HEATING) | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|-------------------------------|-----------------------------|---------------------------------------|------|-------|------|-------|------|------------------------|------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7910 | 2337 | 10.61 |
| 151515AR | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | - | - | 22000 | 6440 | | |
| | 15GR + 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | 11000 | 3220 | 33000 | 9670 | 3420 | 15.71 |
| 101015AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | | | | |
| | 10GR + 15GR | 9000 | 2640 | 11000 | 3220 | - | - | | | | |
| | 10GR + 10GR + 15GR | 9000 | 2640 | 9000 | 2640 | 11000 | 3220 | 29000 | 8500 | 2698 | 12.31 |
| 101515AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 10GR + 15GR | 9000 | 2640 | 11000 | 3220 | - | - | | | | |
| | 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | - | - | | | | |
| | 10GR + 15GR + 15GR | 9000 | 2640 | 11000 | 3220 | 11000 | 3220 | 31000 | 9080 | 3059 | 14.01 |

GENERAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010A | A4MST151515A | |
|----------------------------|----------------------------------|-----------|---|-----------------------|--------------------|
| | INDOOR UNIT | | 3 x AWMS10G | 3 x AWMS15G | |
| NOMINAL CAPACITY | Btu/h | | 27000 (9000 - 27000) | 36000 (12000 - 36000) | |
| | W | | 7910 (2640 - 7910) | 10550 (3520 - 10550) | |
| NOMINAL TOTAL INPUT POWER | W | | 2943 (1236 - 2943) | 4182 (1698 - 4182) | |
| NOMINAL RUNNING CURRENT | A | | 12.92 (5.42 - 12.92) | 18.68 (7.56 - 18.68) | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | AIR DISCHARGE OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 61 / 58 | 62 / 59 | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 97 / 213.8 | 109 / 240.3 | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 3 x 9.52 / 3 x 3/8 | 3 x 12.7 / 3 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 3 x 0.75 / 3 x 1.65 | 3 x 0.775 / 3 x 1.71 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101015A | | | |
|----------------------------|----------------------------------|---------------|------------------------|---|--------------------|------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS15G | | |
| NOMINAL CAPACITY | Btu/h | | 30000 (9000 - 27000) | | | |
| | W | | 8800 (2640 - 8800) | | | |
| NOMINAL TOTAL INPUT POWER | W | | 3356 (1236 - 3356) | | | |
| NOMINAL RUNNING CURRENT | A | | 14.84 (5.42 - 14.84) | | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | | OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HEIGHT | l/s / cfm | 141.60 / 300 | 162.82 / 345 | |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 | |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | | |
| | | WIDTH | mm/in | 899 / 35.4 | | |
| | | DEPTH | mm/in | 198 / 7.8 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | | |
| | | WIDTH | mm/in | 957 / 37.7 | | |
| | | DEPTH | mm/in | 270 / 10.6 | | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| | SOUND PRESSURE LEVEL | | dBA | 61 / 58 | | |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | | WIDTH | mm/in | 960.0 / 37.8 | | |
| | | DEPTH | mm/in | 437.0 / 17.2 | | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | | WIDTH | mm/in | 1,194 / 47.0 | | |
| | | DEPTH | mm/in | 611 / 24.1 | | |
| | UNIT WEIGHT | | kg/lb | 101 / 222.7 | | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.75 / 2 x 1.65 | 0.775 / 1.71 | | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515A | | |
|----------------------------|----------------------------------|-----------|---|----------------------|--------------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G | |
| NOMINAL CAPACITY | Btu/h | | 33000 (9000 - 33000) | | |
| | W | | 9680 (2640 - 9680) | | |
| NOMINAL TOTAL INPUT POWER | W | | 3769 (1236 - 3769) | | |
| NOMINAL RUNNING CURRENT | A | | 16.76 (5.42 - 16.76) | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | | |
| | AIR DISCHARGE OPERATION | | WIRELESS HANDSET | | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 62 / 59 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 105 / 231.5 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 9.52 / 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.75 / 1.65 | 2 x 0.775 / 2 x 1.71 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

CAPACITY DATA - COOLING ONLY (R407C)

| OUTDOOR OPERATING UNIT (A4MST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|--------------------------------|-----------------------------|-----------------------------|------|-------|------|-------|------|------------------------|-------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1236 | 5.42 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2138 | 9.38 |
| | 10G + 10G + 10G | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7920 | 2943 | 12.92 |
| 151515A | 15G | 12000 | 3520 | - | - | - | - | 12000 | 3520 | 1698 | 7.56 |
| | 15G + 15G | 12000 | 3520 | 12000 | 3520 | - | - | 24000 | 7040 | 3012 | 13.44 |
| | 15G + 15G + 15G | 12000 | 3520 | 12000 | 3520 | 12000 | 3520 | 36000 | 10560 | 4182 | 18.68 |
| 101015A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1236 | 5.42 |
| | 15G | 12000 | 3520 | - | - | - | - | 12000 | 3520 | 1698 | 7.56 |
| | 10G + 10G | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | 2138 | 9.38 |
| | 10G + 15G | 9000 | 2640 | 12000 | 3520 | - | - | 21000 | 6160 | 2575 | 11.41 |
| | 10G + 10G + 15G | 9000 | 2640 | 9000 | 2640 | 12000 | 3520 | 30000 | 8800 | 3356 | 14.84 |
| 101515A | 10G | 9000 | 2640 | - | - | - | - | 9000 | 2640 | 1236 | 5.42 |
| | 15G | 12000 | 3520 | - | - | - | - | 12000 | 3520 | 1698 | 7.56 |
| | 10G + 15G | 9000 | 2640 | 12000 | 3520 | - | - | 21000 | 6160 | 2575 | 11.41 |
| | 15G + 15G | 12000 | 3520 | 12000 | 3520 | - | - | 24000 | 7040 | 3012 | 13.44 |
| | 10G + 15G + 15G | 9000 | 2640 | 12000 | 3520 | 12000 | 3520 | 33000 | 9680 | 3769 | 16.76 |

GENERAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010AR | A4MST151515AR | |
|-------------------------------------|----------------------------------|---------------|------------------------|---|--------------------|
| | INDOOR UNIT | | 3 x AWMS10GR | 3 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 27000 (9000 - 27000) | 36000 (12000 - 36000) | |
| | W | | 7910 (2640 - 7910) | 10550 (3520 - 10550) | |
| NOMINAL HEATING CAPACITY | Btu/h | | 27000 (9000 - 27000) | 33000 (11000 - 33000) | |
| | W | | 7910 (2640 - 7910) | 9670 (3220 - 9670) | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 2943 | 4182 | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 2622 | 3675 | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 12.92 | 18.68 | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 11.72 | 17.78 | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 1132.8 / 2400 | |
| | SOUND PRESSURE LEVEL | | dBA | 61 / 58 | 62 / 59 |
| | UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | |
| | | WIDTH | mm/in | 960.0 / 37.8 | |
| | | DEPTH | mm/in | 437.0 / 17.2 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | |
| | | WIDTH | mm/in | 1,194 / 47.0 | |
| | | DEPTH | mm/in | 611 / 24.1 | |
| | UNIT WEIGHT | | kg/lb | 97 / 213.8 | 109 / 240.3 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 |
| GAS | | | mm/in | 3 x 9.52 / 3 x 3/8 | 3 x 12.7 / 3 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 3 x 0.885 / 3 x 1.95 | 3 x 0.965 / 3 x 2.13 | |

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- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101015AR | | |
|-------------------------------------|----------------------------------|---------------|------------------------|---|--------------|
| | INDOOR UNIT | | 2 x AWMS10GR | AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 30000 (9000 - 30000) | | |
| | W | | 8800 (2640 - 8800) | | |
| NOMINAL HEATING CAPACITY | Btu/h | | 29000 (9000 - 29000) | | |
| | W | | 8500 (2640 - 8500) | | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 3356 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 2973 | | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 14.84 | | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 13.74 | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 61 / 58 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 101 / 222.7 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 2 x 9.52 / 2 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.885 / 2 x 1.95 | 0.965 / 2.13 | |

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515AR | | |
|-------------------------------------|----------------------------------|---------------|------------------------|---|--------------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR | |
| NOMINAL COOLING CAPACITY | Btu/h | | 33000 (9000 - 33000) | | |
| | W | | 9680 (2640 - 9680) | | |
| NOMINAL HEATING CAPACITY | Btu/h | | 31000 (9000 - 31000) | | |
| | W | | 9080 (2640 - 9080) | | |
| NOMINAL TOTAL INPUT POWER (COOLING) | W | | 3769 | | |
| NOMINAL TOTAL INPUT POWER (HEATING) | W | | 3324 | | |
| NOMINAL RUNNING CURRENT (COOLING) | A | | 16.76 | | |
| NOMINAL RUNNING CURRENT (HEATING) | A | | 15.76 | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R407C / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| | CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | |
| AIR FLOW | | l/s / cfm | 1132.8 / 2400 | | |
| SOUND PRESSURE LEVEL | | dBA | 62 / 59 | | |
| UNIT DIMENSION | HEIGHT | mm/in | 631.7 / 24.9 | | |
| | WIDTH | mm/in | 960.0 / 37.8 | | |
| | DEPTH | mm/in | 437.0 / 17.2 | | |
| PACKING DIMENSION | HEIGHT | mm/in | 824 / 32.4 | | |
| | WIDTH | mm/in | 1,194 / 47.0 | | |
| | DEPTH | mm/in | 611 / 24.1 | | |
| UNIT WEIGHT | | kg/lb | 105 / 231.5 | | |
| PIPE CONNECTION | TYPE | | FLARE VALVE | | |
| | SIZE | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | |
| | | GAS | mm/in | 9.52 / 3/8 | 2 x 12.7 / 2 x 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.885 / 1.95 | 2 x 0.965 / 2 x 2.13 | |

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

CAPACITY DATA - HEATPUMP (R407C)

Cooling Capacity

| OUTDOOR OPERATING UNIT (A4MST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY (COOLING) | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|--------------------------------|-----------------------------|---------------------------------------|------|-------|------|-------|------|------------------------|-------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7920 | 2943 | 12.92 |
| 151515AR | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | - | - | 24000 | 7040 | | |
| | 15GR + 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | 12000 | 3520 | 36000 | 10560 | 4182 | 18.68 |
| 101015AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 15GR | 9000 | 2640 | 12000 | 3520 | - | - | 21000 | 6160 | | |
| | 10GR + 10GR + 15GR | 9000 | 2640 | 9000 | 2640 | 12000 | 3520 | 30000 | 8800 | 3356 | 14.84 |
| 101515AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 12000 | 3520 | - | - | - | - | 12000 | 3520 | | |
| | 10GR + 15GR | 9000 | 2640 | 12000 | 3520 | - | - | 21000 | 6160 | | |
| | 15GR + 15GR | 12000 | 3520 | 12000 | 3520 | - | - | 24000 | 7040 | | |
| | 10GR + 15GR + 15GR | 9000 | 2640 | 12000 | 3520 | 12000 | 3520 | 33000 | 9680 | 3769 | 16.76 |

Heating Capacity

| OUTDOOR OPERATING UNIT (A4MST) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY (HEATING) | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|--------------------------------|-----------------------------|---------------------------------------|------|-------|------|-------|------|------------------------|------|---------------------------|-------------------------|
| | | A | | B | | C | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | | | | |
| 101010AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | 9000 | 2640 | 27000 | 7920 | 2622 | 11.72 |
| 151515AR | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | - | - | 22000 | 6440 | | |
| | 15GR + 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | 11000 | 3220 | 33000 | 9660 | 3675 | 17.78 |
| 101015AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 10GR + 10GR | 9000 | 2640 | 9000 | 2640 | - | - | 18000 | 5280 | | |
| | 10GR + 15GR | 9000 | 2640 | 11000 | 3220 | - | - | 20000 | 5860 | | |
| | 10GR + 10GR + 15GR | 9000 | 2640 | 9000 | 2640 | 11000 | 3220 | 29000 | 8500 | 2973 | 13.74 |
| 101515AR | 10GR | 9000 | 2640 | - | - | - | - | 9000 | 2640 | | |
| | 15GR | 11000 | 3220 | - | - | - | - | 11000 | 3220 | | |
| | 10GR + 15GR | 9000 | 2640 | 11000 | 3220 | - | - | 20000 | 5860 | | |
| | 15GR + 15GR | 11000 | 3220 | 11000 | 3220 | - | - | 22000 | 6440 | | |
| | 10GR + 15GR + 15GR | 9000 | 2640 | 11000 | 3220 | 11000 | 3220 | 31000 | 9080 | 3324 | 15.76 |

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101010A | AMST151515A |
|---------------|-----------------------|---------|----------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10G | 3 x AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 862 | 1290 |
| | RATED RUNNING CURRENT | A | 3.84 | 5.70 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | AMST101015A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 862 | 1290 |
| | RATED RUNNING CURRENT | A | 3.84 | 5.70 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101515A | |
|---------------|-----------------------|---------|----------------------|-------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 771 | 1290 |
| | RATED RUNNING CURRENT | A | 3.28 | 5.70 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | AMST101020A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS20G |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 50 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.22 |
| | MOTOR OUTPUT | W | 9 | 20 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER | W | 862 | 1971 |
| | RATED RUNNING CURRENT | A | 3.84 | 9.02 |
| | LOCKED ROTOR AMP. | A | 20 | 56 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101025A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS25G |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 66 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.29 |
| | MOTOR OUTPUT | W | 9 | 25 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 145 | |
| COMPRESSOR | INSULATION GRADE | | N/A | E |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER | W | 862 | 2430 |
| | RATED RUNNING CURRENT | A | 3.84 | 12.00 |
| | LOCKED ROTOR AMP. | A | 20 | 57 |

| MODEL | OUTDOOR UNIT | | AMST151525A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | 2 x AWMS15G | AWMS25G |
| INDOOR MOTOR | INSULATION GRADE | | E | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 30 | 66 |
| | RATED RUNNING CURRENT | A | 0.13 | 0.29 |
| | MOTOR OUTPUT | W | 13 | 25 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | B | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 145 | |
| COMPRESSOR | INSULATION GRADE | | N/A | E |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | 45 |
| | RATED INPUT POWER | W | 1290 | 2430 |
| | RATED RUNNING CURRENT | A | 5.7 | 12.0 |
| | LOCKED ROTOR AMP. | A | 25 | 57 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101525A | | |
|---------------|-----------------------|---------|----------------------|---------|---------|
| | INDOOR UNIT | | AWMS10G | AWMS15G | AWMS25G |
| INDOOR MOTOR | INSULATION GRADE | | E | | B |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | |
| | RATED INPUT POWER | W | 27 | 30 | 66 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 | 0.29 |
| | MOTOR OUTPUT | W | 9 | 13 | 25 |
| | POLES | | 4 | | |
| OUTDOOR MOTOR | INSULATION GRADE | | N/A | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | |
| | RATED INPUT POWER | W | 220 | | |
| | RATED RUNNING CURRENT | A | 1.02 | | |
| | MOTOR OUTPUT | W | 145 | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | E |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | |
| | CAPACITOR | μF | 30 | | 45 |
| | RATED INPUT POWER | W | 745 | 1250 | 2430 |
| | RATED RUNNING CURRENT | A | 3.3 | 5.7 | 12.0 |
| | LOCKED ROTOR AMP. | A | 20 | 25 | 57 |

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 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101010AR | AMST151515AR |
|---------------|---------------------------------|---------|----------------------|--------------|
| | INDOOR UNIT | | 3 x AWMS10GR | 3 x AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 745 | 1213 |
| | RATED INPUT POWER (HEATING) | W | 676 | 1034 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.37 | 5.52 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.10 | 4.78 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

| MODEL | OUTDOOR UNIT | | AMST101015AR | |
|---------------|---------------------------------|---------|----------------------|----------|
| | INDOOR UNIT | | 2 x AWMS10GR | AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 745 | 1213 |
| | RATED INPUT POWER (HEATING) | W | 676 | 1034 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.37 | 5.52 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.10 | 4.78 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101515AR | |
|---------------|---------------------------------|---------|----------------------|--------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 745 | 1213 |
| | RATED INPUT POWER (HEATING) | W | 676 | 1034 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.37 | 5.52 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.10 | 4.78 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010A | | A4MST151515A | |
|---------------|-----------------------|---------|----------------------|------|--------------|--|
| | INDOOR UNIT | | 3 x AWMS10G | | 3 x AWMS15G | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | 30 | | |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 | | |
| | MOTOR OUTPUT | W | 9 | 13 | | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 228 | | | |
| | RATED RUNNING CURRENT | A | 0.98 | | | |
| | MOTOR OUTPUT | W | 150 | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER | W | 878 | 1288 | | |
| | RATED RUNNING CURRENT | A | 3.87 | 5.77 | | |
| | LOCKED ROTOR AMP. | A | 20 | 25 | | |

| MODEL | OUTDOOR UNIT | | A4MST101015A | | | |
|---------------|-----------------------|---------|----------------------|------|---------|--|
| | INDOOR UNIT | | 2 x AWMS10G | | AWMS15G | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | 30 | | |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 | | |
| | MOTOR OUTPUT | W | 9 | 13 | | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 228 | | | |
| | RATED RUNNING CURRENT | A | 0.98 | | | |
| | MOTOR OUTPUT | W | 150 | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER | W | 878 | 1288 | | |
| | RATED RUNNING CURRENT | A | 3.87 | 5.77 | | |
| | LOCKED ROTOR AMP. | A | 20 | 25 | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515A | |
|---------------|-----------------------|---------|----------------------|-------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER | W | 878 | 1288 |
| | RATED RUNNING CURRENT | A | 3.87 | 5.77 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010AR | | A4MST151515AR | |
|---------------|---------------------------------|---------|----------------------|------|---------------|--|
| | INDOOR UNIT | | 3 x AWMS10GR | | 3 x AWMS15GR | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | 30 | | |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 | | |
| | MOTOR OUTPUT | W | 9 | 13 | | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 228 | | | |
| | RATED RUNNING CURRENT | A | 0.98 | | | |
| | MOTOR OUTPUT | W | 150 | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER (COOLING) | W | 878 | 1288 | | |
| | RATED INPUT POWER (HEATING) | W | 771 | 1119 | | |
| | RATED RUNNING CURRENT (COOLING) | A | 3.87 | 5.77 | | |
| | RATED RUNNING CURRENT (HEATING) | A | 3.47 | 5.47 | | |
| | LOCKED ROTOR AMP. | A | 20 | 25 | | |

| MODEL | OUTDOOR UNIT | | A4MST101015AR | | | |
|---------------|---------------------------------|---------|----------------------|------|----------|--|
| | INDOOR UNIT | | 2 x AWMS10GR | | AWMS15GR | |
| INDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 27 | 30 | | |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 | | |
| | MOTOR OUTPUT | W | 9 | 13 | | |
| | POLES | | 4 | | | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | RATED INPUT POWER | W | 228 | | | |
| | RATED RUNNING CURRENT | A | 0.98 | | | |
| COMPRESSOR | INSULATION GRADE | | N/A | | | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | | | |
| | CAPACITOR | μF | 30 | | | |
| | RATED INPUT POWER (COOLING) | W | 878 | 1288 | | |
| | RATED INPUT POWER (HEATING) | W | 771 | 1119 | | |
| | RATED RUNNING CURRENT (COOLING) | A | 3.87 | 5.77 | | |
| | RATED RUNNING CURRENT (HEATING) | A | 3.47 | 5.47 | | |
| | LOCKED ROTOR AMP. | A | 20 | 25 | | |

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515AR | |
|---------------|---------------------------------|---------|----------------------|--------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 228 | |
| | RATED RUNNING CURRENT | A | 0.98 | |
| | MOTOR OUTPUT | W | 150 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 30 | |
| | RATED INPUT POWER (COOLING) | W | 878 | 1288 |
| | RATED INPUT POWER (HEATING) | W | 771 | 1119 |
| | RATED RUNNING CURRENT (COOLING) | A | 3.87 | 5.77 |
| | RATED RUNNING CURRENT (HEATING) | A | 3.47 | 5.47 |
| | LOCKED ROTOR AMP. | A | 20 | 25 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101010A | AMST151515A | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10G | 3 x AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 3 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101015A | | |
|-------------------|--------------------------|-------------------------|--|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYLIC STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | 1 | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | 3 | | |
| | | FIN PER INCH | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101515A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 1 | 2 | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | SEAMLESS COPPER | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | 3 | | |
| | | FIN PER INCH | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101020A | | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|---------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS20G | | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | ASG30 | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 97 / 3.82 | 108 / 4.25 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | 810 / 31.89 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | IP24 | IP20 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 482.6 / 19 | | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | N/A | | | |
| COMPRESSOR | TYPE | | ROTARY | | | |
| | QUANTITY | | 2 | 1 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 700 / 23.7 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | 0.224 / 2.411 | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | | |
| | | ROW | | 3 | | |
| | | FIN PER INCH | | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | THICKNESS | | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | | | YES | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | | |
| | | COLOUR | IVORY | | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | | |
| | | COLOUR | LIGHT GREY | | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMST101025A | | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|---------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS25G | | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | ASG30 | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 97 / 3.82 | 108 / 4.25 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | 810 / 31.89 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | IP24 | IP20 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 482.6 / 19 | | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | N/A | | | |
| COMPRESSOR | TYPE | | ROTARY | | | |
| | QUANTITY | | 2 | 1 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 1130 / 38.2 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | 0.224 / 2.411 | |
| | | ROW | 2 | | | |
| | | FIN PER INCH | 18 | | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.87 / 9.33 | | |
| | | ROW | 3 | | | |
| | | FIN PER INCH | 14 | | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | | |
| | NEGATIVE IONIZER | | YES | | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | | |
| | | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMST151525A | | |
|-------------------|--------------------------|--------------|---------------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | | 2 x AWMS15G | AWMS25G | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | ASG30 | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 97 / 3.82 | 108 / 4.25 | |
| | LENGTH | | mm/in | 717.5 / 28.25 | 810 / 31.89 | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | IP24 | IP20 | |
| OUTDOOR FAN | TYPE | | | PROPELLER | | |
| | QUANTITY | | | 1 | | |
| | MATERIAL | | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | | DIRECT | | |
| | DIAMETER | | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | |
| | QUANTITY | | | 1 | | |
| | INDEX OF PROTECTION (IP) | | | N/A | | |
| COMPRESSOR | TYPE | | | ROTARY | | |
| | QUANTITY | | | 2 | 1 | |
| | OIL TYPE | | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 410 / 13.9 | 1130 / 38.2 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | 0.224 / 2.411 | |
| | | ROW | 2 | | | |
| | | FIN PER INCH | 18 | | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.87 / 9.33 | | |
| | | ROW | 3 | | | |
| | | FIN PER INCH | 14 | | | |
| AIR QUALITY | FILTER | TYPE | | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | 327 / 12.87 |
| | | | WIDTH | mm/in | 336 / 13.23 | 386 / 15.20 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | | |
| | | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | | AMST101525A | | | | |
|-------------------|--------------------------|--------------|-------------------------|--------------------------------------|--------------|-------------|---------------|-------------|
| | INDOOR UNIT | | | AWMS10G | AWMS15G | AWMS25G | | |
| INDOOR FAN | TYPE | | | CROSS FLOW TANGENTIAL | | | | |
| | QUANTITY | | | 1 | | | | |
| | MATERIAL | | | ASG30 | | | | |
| | DRIVE | | | DIRECT | | | | |
| | DIAMETER | | mm/in | 97 / 3.82 | | 108 / 4.25 | | |
| | LENGTH | | mm/in | 717.5 / 28.25 | | 810 / 31.89 | | |
| INDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | | | |
| | QUANTITY | | | 1 | | | | |
| | INDEX OF PROTECTION (IP) | | | IP24 | | IP20 | | |
| OUTDOOR FAN | TYPE | | | PROPELLER | | | | |
| | QUANTITY | | | 1 | | | | |
| | MATERIAL | | | GLASS REINFORCED ACRYL STYRENE RESIN | | | | |
| | DRIVE | | | DIRECT | | | | |
| | DIAMETER | | mm/in | 609.6 / 24 | | | | |
| OUTDOOR FAN MOTOR | TYPE | | | INDUCTION MOTOR | | | | |
| | QUANTITY | | | 1 | | | | |
| | INDEX OF PROTECTION (IP) | | | N/A | | | | |
| COMPRESSOR | TYPE | | | ROTARY | | | | |
| | QUANTITY | | | 1 | 1 | 1 | | |
| | OIL TYPE | | | ATMOS M60 / SUNISO 4GDID | | | | |
| | OIL AMOUNT | | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | 1130 / 38.2 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | | | |
| | | DIAMETER | | mm/in | 7 / 0.28 | | | |
| | | THICKNESS | | mm/in | 0.28 / 0.011 | | | |
| | FIN | MATERIAL | | ALUMINIUM | | | | |
| | | THICKNESS | | mm/in | 0.11 / 0.004 | | | |
| | | FACE AREA | | m ² /ft ² | 0.193 / 2.08 | | 0.224 / 2.411 | |
| | | ROW | | 2 | | | | |
| | | FIN PER INCH | | 18 | | | | |
| OUTDOOR COIL | TUBE | MATERIAL | | SEAMLESS COPPER | | | | |
| | | DIAMETER | | mm/in | 9.52 / 3/8 | | | |
| | | THICKNESS | | mm/in | 0.33 / 0.013 | | | |
| | FIN | MATERIAL | | ALUMINIUM | | | | |
| | | THICKNESS | | mm/in | 0.11 / 0.004 | | | |
| | | FACE AREA | | m ² /ft ² | 0.87 / 9.33 | | | |
| | | ROW | | 2 | | | | |
| | | FIN PER INCH | | 16 | | | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | | | |
| | | QUANTITY | | pc | 2 x 1 x 1 | | | |
| | | SIZE | LENGTH | | mm/in | 310 / 12.20 | | 327 / 12.87 |
| | | | WIDTH | | mm/in | 336 / 13.23 | | 386 / 15.20 |
| | | | THICKNESS | | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | | YES | | | | |
| | CASING | INDOOR UNIT | | MATERIAL | | HIPS | | |
| COLOUR | | | | IVORY | | | | |
| OUTDOOR UNIT | | MATERIAL | | GALVANISED MILD STEEL | | | | |
| | | FINISHING | | EPOXY-POLYESTER POWDER | | | | |
| | | COLOUR | | LIGHT GREY | | | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101010AR | AMST151515AR | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10GR | 3 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 3 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | |
| | | | COLOUR | IVORY | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101015AR | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10GR | AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | 1 | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | 3 | | |
| | | FIN PER INCH | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R22)

| MODEL | OUTDOOR UNIT | | AMST101515AR | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 1 | 2 | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | 3 | | |
| | | FIN PER INCH | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010A | A4MST151515A | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10G | 3 x AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 3 | | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | | HIPS | |
| | | COLOUR | | IVORY | |
| | OUTDOOR UNIT | MATERIAL | | GALVANISED MILD STEEL | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | | | LIGHT GREY |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101015A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | 1 | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | |
| | | | COLOUR | IVORY | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | |
| | | | COLOUR | LIGHT GREY | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10G | 2 x AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 1 | 2 | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | 3 | | |
| | | FIN PER INCH | 14 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101010AR | A4MST151515AR | |
|-------------------|--------------------------|-------------------------|--|--------------------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10GR | 3 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYLIC STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 3 | | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | | | THICKNESS | mm/in | 1.5 / 0.06 |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101015AR | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10GR | AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | 1 | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - HEATPUMP (R407C)

| MODEL | OUTDOOR UNIT | | A4MST101515AR | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | AWMS10GR | 2 x AWMS15GR | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 482.6 / 19 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 1 | 2 | |
| | OIL TYPE | | RB68A | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | 410 / 13.9 | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | | 2 | |
| | | FIN PER INCH | | 18 | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.50 / 5.39 | |
| | | ROW | | 3 | |
| | | FIN PER INCH | | 14 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH8K8A | AMSHK77A | |
|----------------------------|----------------------------------|---------------|----------------------|---|-----------------------|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G | |
| NOMINAL CAPACITY | | | Btu/h | 16600 (8300 - 16600) | 14600 (12300 - 14600) |
| | | | W | 4860 (2430 - 4860) | 4280 (3600 - 4280) |
| NOMINAL TOTAL INPUT POWER | | | W | 1498 (827 - 1498) | 1423 (1382 - 1423) |
| NOMINAL RUNNING CURRENT | | | A | 6.34 (3.55 - 6.34) | 6.50 (6.04 - 6.50) |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | 250.0 / 900 |
| | SOUND PRESSURE LEVEL | | dBA | 56 | 50 |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | 494 / 19.4 |
| | | WIDTH | mm/in | 840 / 33.1 | 740 / 29.1 |
| | | DEPTH | mm/in | 330 / 13.0 | 270 / 10.6 |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | 558 / 22.0 |
| | | WIDTH | mm/in | 982 / 38.7 | 851 / 33.5 |
| | | DEPTH | mm/in | 461 / 18.1 | 401 / 15.8 |
| | UNIT WEIGHT | | kg/lb | 62 / 136.7 | 35 / 77.2 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 2 x 6.35 / 2 x 1/4 |
| GAS | mm/in | | 2 x 9.52 / 2 x 3/8 | 2 x 12.7 / 2 x 1/2 | |
| REFRIGERANT CHARGE | | kg/lb | 2 x 0.675 / 2 x 1.49 | 0.825 / 1.82 | |

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH8K66A | AMSH66K66A | |
|----------------------------|----------------------------------|---------------|-------------------------------|---|-----------------------|
| | INDOOR UNIT | | 3 x AWMS10G | 4 x AWMS10G | |
| NOMINAL CAPACITY | | | Btu/h | 20900 (8100 - 12800) | 25600 (10000 - 25600) |
| | | | W | 6120 (2370 - 6120) | 7500 (2930 - 7500) |
| NOMINAL TOTAL INPUT POWER | | | W | 1943 (847 - 1943) | 2370 (1196 - 2370) |
| NOMINAL RUNNING CURRENT | | | A | 8.35 (3.63 - 8.35) | 10.20 (5.20 - 10.20) |
| POWER SOURCE | | | V/Ph/Hz | 220 ~ 240 / 1 / 50 | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | |
| | | LOW | l/s / cfm | 94.39 / 200 | |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13.0 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 63 / 138.9 | 64 / 141.1 |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| SIZE | | LIQUID | mm/in | 3 x 6.35 / 3 x 1/4 | 4 x 6.35 / 4 x 1/4 |
| | GAS | mm/in | 3 x 9.52 / 3 x 3/8 | 4 x 9.52 / 4 x 3/8 | |
| REFRIGERANT CHARGE | | kg/lb | (0.925 / 2.04) (0.675 / 1.49) | | |
| | | | 2 x 0.825 / 2 x 1.82 | | |

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 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
 a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

GENERAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH66K555A | | |
|----------------------------|----------------------------------|---------------|----------------------|---|--------------------|
| | INDOOR UNIT | | 4 x AWMS10G | AWMS15G | |
| NOMINAL CAPACITY | Btu/h | | 26500 (6000 - 26500) | | |
| | W | | 7770 (1760 - 7770) | | |
| NOMINAL TOTAL INPUT POWER | W | | 2631 (1233 - 2631) | | |
| NOMINAL RUNNING CURRENT | A | | 11.50 (5.38 - 11.50) | | |
| POWER SOURCE | V/Ph/Hz | | 220 ~ 240 / 1 / 50 | | |
| REFRIGERANT TYPE / CONTROL | | | R22 / CAPILLARY TUBE | | |
| INDOOR UNIT | CONTROL | AIR DISCHARGE | | DOUBLE LOUVER (UP & DOWN) & GRILLE (LEFT & RIGHT) | |
| | | OPERATION | | WIRELESS HANDSET | |
| | AIR FLOW | HIGH | l/s / cfm | 141.60 / 300 | 162.82 / 345 |
| | | MEDIUM | l/s / cfm | 117.99 / 250 | 134.51 / 285 |
| | | LOW | l/s / cfm | 94.39 / 200 | 103.83 / 220 |
| | EXTERNAL STATIC PRESSURE (H/M/L) | | Pa/in.wg. | N/A | |
| | SOUND PRESSURE LEVEL (H/M/L) | | dBA | 39 / 34 / 28 | 42 / 36 / 29 |
| | UNIT DIMENSION | HEIGHT | mm/in | 260 / 10.2 | |
| | | WIDTH | mm/in | 899 / 35.4 | |
| | | DEPTH | mm/in | 198 / 7.8 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 337 / 13.3 | |
| | | WIDTH | mm/in | 957 / 37.7 | |
| | | DEPTH | mm/in | 270 / 10.6 | |
| | UNIT WEIGHT | | kg/lb | 12 / 26.46 | |
| CONDENSATE DRAIN SIZE | | mm/in | 16 / 0.63 | | |
| OUTDOOR UNIT | AIR FLOW | | l/s / cfm | 660.8 / 1400 | |
| | SOUND PRESSURE LEVEL | | dBA | 56 | |
| | UNIT DIMENSION | HEIGHT | mm/in | 646 / 25.4 | |
| | | WIDTH | mm/in | 840 / 33.1 | |
| | | DEPTH | mm/in | 330 / 13.0 | |
| | PACKING DIMENSION | HEIGHT | mm/in | 710 / 28.0 | |
| | | WIDTH | mm/in | 982 / 38.7 | |
| | | DEPTH | mm/in | 461 / 18.1 | |
| | UNIT WEIGHT | | kg/lb | 65 / 143.3 | |
| | PIPE CONNECTION | TYPE | | FLARE VALVE | |
| | | SIZE | LIQUID | mm/in | 5 x 6.35 / 5 x 1/4 |
| GAS | | | mm/in | 4 x 9.52 / 4 x 3/8 | 12.7 / 1/2 |
| REFRIGERANT CHARGE | | kg/lb | 0.875 / 1.93 | 0.925 / 2.04 | |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8615 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

CAPACITY DATA - COOLING ONLY (R22)

| OUTDOOR OPERATING UNIT (AMSH) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY | | | | | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT |
|-------------------------------|-----------------------------|-----------------------------|------|-------|------|-------|------|-------|------|-------|-------|------------------------|------|---------------------------|-------------------------|
| | | A1 | | A2 | | A3 | | B1 | | B2 | | Btu/h | W | W | A |
| | | Btu/h | W | Btu/h | W | Btu/h | W | Btu/h | W | Btu/h | W | Btu/h | W | W | A |
| 8K8A | 10G | 8300 | 2430 | - | - | - | - | - | - | - | - | 8300 | 2430 | 827 | 3.55 |
| | 10G | - | - | - | - | - | - | 8300 | 2430 | - | - | 8300 | 2430 | 827 | 3.55 |
| | 10G + 10G | 8300 | 2430 | - | - | - | - | 8300 | 2430 | - | - | 16600 | 4860 | 1498 | 6.34 |
| K77A | 15G | 12300 | 3600 | - | - | - | - | - | - | - | - | 12300 | 3600 | 1382 | 6.04 |
| | 15G | - | - | 12300 | 3600 | - | - | - | - | - | - | 12300 | 3600 | 1382 | 6.04 |
| | 15G + 15G | 7300 | 2140 | 7300 | 2140 | - | - | - | - | - | - | 14600 | 4280 | 1423 | 6.50 |
| 8K66A | 10G | 10000 | 2930 | - | - | - | - | - | - | - | - | 10000 | 2930 | 1167 | 5.03 |
| | 10G | - | - | 10000 | 2930 | - | - | - | - | - | - | 10000 | 2930 | 1167 | 5.03 |
| | 10G | - | - | - | - | - | - | 8100 | 2370 | - | - | 8100 | 2370 | 847 | 3.63 |
| | 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | - | - | - | - | 12800 | 3750 | 1339 | 5.77 |
| | 10G + 10G | 10000 | 2930 | - | - | - | - | 8100 | 2370 | - | - | 18100 | 5300 | 1844 | 7.94 |
| | 10G + 10G | - | - | 10000 | 2930 | - | - | 8100 | 2370 | - | - | 18100 | 5300 | 1844 | 7.94 |
| | 10G + 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | 8100 | 2370 | - | - | 20900 | 6120 | 1943 | 8.35 |
| 66K66A | 10G | 10000 | 2930 | - | - | - | - | - | - | - | - | 10000 | 2930 | 1196 | 5.20 |
| | 10G | - | - | 10000 | 2930 | - | - | - | - | - | - | 10000 | 2930 | 1196 | 5.20 |
| | 10G | - | - | - | - | - | - | 10000 | 2930 | - | - | 10000 | 2930 | 1196 | 5.20 |
| | 10G | - | - | - | - | - | - | - | - | 10000 | 2930 | 10000 | 2930 | 1196 | 5.20 |
| | 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | - | - | - | - | 12800 | 3750 | 1388 | 6.03 |
| | 10G + 10G | - | - | - | - | - | - | 6400 | 1875 | 6400 | 1875 | 12800 | 3750 | 1388 | 6.03 |
| | 10G + 10G | 10000 | 2930 | - | - | - | - | 10000 | 2930 | - | - | 20000 | 5860 | 2222 | 9.68 |
| | 10G + 10G | 10000 | 2930 | - | - | - | - | - | - | 10000 | 2930 | 20000 | 5860 | 2222 | 9.68 |
| | 10G + 10G | - | - | 10000 | 2930 | - | - | 10000 | 2930 | - | - | 20000 | 5860 | 2222 | 9.68 |
| | 10G + 10G | - | - | 10000 | 2930 | - | - | - | - | 10000 | 2930 | 20000 | 5860 | 2222 | 9.68 |
| | 10G + 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | 10000 | 2930 | - | - | 22800 | 6680 | 2296 | 9.94 |
| | 10G + 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | - | - | 10000 | 2930 | 22800 | 6680 | 2296 | 9.94 |
| | 10G + 10G + 10G | 10000 | 2930 | - | - | - | - | 6400 | 1875 | 6400 | 1875 | 22800 | 6680 | 2296 | 9.94 |
| | 10G + 10G + 10G | - | - | 10000 | 2930 | - | - | 6400 | 1875 | 6400 | 1875 | 22800 | 6680 | 2296 | 9.94 |
| 10G + 10G + 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | 6400 | 1875 | 6400 | 1875 | 25600 | 7500 | 2370 | 10.20 | |

CAPACITY DATA - COOLING ONLY (R22)

| OUTDOOR OPERATING UNIT (AMSH) | INDOOR OPERATING UNIT (AWM) | NOMINAL INDIVIDUAL CAPACITY | | | | | | | | | | NOMINAL TOTAL CAPACITY | | NOMINAL TOTAL INPUT POWER | NOMINAL RUNNING CURRENT | |
|-------------------------------|-----------------------------|-----------------------------|------|-------|------|-------|------|-------|-------|-------|-------|------------------------|-------|---------------------------|-------------------------|-------|
| | | A1 | | A2 | | A3 | | B1 | | B2 | | Btu/h | W | W | A | |
| | | Btu/h | W | Btu/h | W | Btu/h | W | Btu/h | W | Btu/h | W | | | | | |
| 66K555A | 10G | 10000 | 2930 | - | - | - | - | - | - | - | - | 10000 | 2930 | 1233 | 5.38 | |
| | 10G | - | - | 10000 | 2930 | - | - | - | - | - | - | 10000 | 2930 | 1233 | 5.38 | |
| | 10G | - | - | - | - | 10000 | 2930 | - | - | - | - | 10000 | 2930 | 1233 | 5.38 | |
| | 10G | - | - | - | - | - | - | 10000 | 2930 | - | - | 10000 | 2930 | 1233 | 5.38 | |
| | 15G | - | - | - | - | - | - | - | - | 12000 | 3520 | 12000 | 3520 | 1239 | 5.41 | |
| | 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | - | - | - | - | 12800 | 3750 | 1298 | 5.58 | |
| | 10G + 10G | 6400 | 1875 | - | - | 6400 | 1875 | - | - | - | - | 12800 | 3750 | 1298 | 5.58 | |
| | 10G + 10G | - | - | 6400 | 1875 | 6400 | 1875 | - | - | - | - | 12800 | 3750 | 1298 | 5.58 | |
| | 10G + 10G | 10000 | 2930 | - | - | - | - | 10000 | 2930 | - | - | 20000 | 5860 | 2466 | 10.76 | |
| | 10G + 10G | - | - | 10000 | 2930 | - | - | - | 10000 | 2930 | - | - | 20000 | 5860 | 2466 | 10.76 |
| | 10G + 10G | - | - | - | - | 10000 | 2930 | 10000 | 2930 | - | - | 20000 | 5860 | 2466 | 10.76 | |
| | 10G + 15G | 10000 | 2930 | - | - | - | - | - | - | 12000 | 3520 | 22000 | 6450 | 2472 | 10.79 | |
| | 10G + 15G | - | - | 10000 | 2930 | - | - | - | - | 12000 | 3520 | 22000 | 6450 | 2472 | 10.79 | |
| | 10G + 15G | - | - | - | - | 10000 | 2930 | - | - | 12000 | 3520 | 22000 | 6450 | 2472 | 10.79 | |
| | 10G + 15G | - | - | - | - | - | - | 6000 | 1760 | 7000 | 2050 | 13000 | 3810 | 1307 | 5.76 | |
| | 10G + 10G + 10G | 4500 | 1320 | 4500 | 1320 | 4500 | 1320 | - | - | - | - | 13500 | 3960 | 1324 | 5.74 | |
| | 10G + 10G + 10G | - | - | 6400 | 1875 | 6400 | 1875 | 10000 | 2930 | - | - | 22800 | 6680 | 2531 | 10.96 | |
| | 10G + 10G + 10G | 6400 | 1875 | - | - | 6400 | 1875 | 10000 | 2930 | - | - | 22800 | 6680 | 2531 | 10.96 | |
| | 10G + 10G + 10G | 6400 | 1875 | 6400 | 1875 | - | - | 10000 | 2930 | - | - | 22800 | 6680 | 2531 | 10.96 | |
| | 10G + 10G + 15G | - | - | 6400 | 1875 | 6400 | 1875 | - | - | 12000 | 3520 | 24800 | 7270 | 2537 | 10.99 | |
| | 10G + 10G + 15G | 6400 | 1875 | - | - | 6400 | 1875 | - | - | 12000 | 3520 | 24800 | 7270 | 2537 | 10.99 | |
| | 10G + 10G + 15G | 6400 | 1875 | 6400 | 1875 | - | - | - | - | 12000 | 3520 | 24800 | 7270 | 2537 | 10.99 | |
| | 10G + 10G + 15G | - | - | - | - | 10000 | 2930 | 6000 | 1760 | 7000 | 2050 | 23000 | 6740 | 2540 | 11.14 | |
| | 10G + 10G + 15G | - | - | 10000 | 2930 | - | - | 6000 | 1760 | 7000 | 2050 | 23000 | 6740 | 2540 | 11.14 | |
| | 10G + 10G + 15G | 10000 | 2930 | - | - | - | - | 6000 | 1760 | 7000 | 2050 | 23000 | 6740 | 2540 | 11.14 | |
| | 10G + 10G + 10G + 10G | 4500 | 1320 | 4500 | 1320 | 4500 | 1320 | 10000 | 2930 | - | - | 23500 | 6890 | 2557 | 11.12 | |
| | 10G + 10G + 10G + 15G | 4500 | 1320 | 4500 | 1320 | 4500 | 1320 | - | - | 12000 | 3520 | 25500 | 7480 | 2563 | 11.15 | |
| | 10G + 10G + 10G + 15G | 6400 | 1875 | 6400 | 1875 | - | - | 6000 | 1760 | 7000 | 2050 | 25800 | 7560 | 2605 | 11.34 | |
| 10G + 10G + 10G + 15G | 6400 | 1875 | - | - | 6400 | 1875 | 6000 | 1760 | 7000 | 2050 | 25800 | 7560 | 2605 | 11.34 | | |
| 10G + 10G + 10G + 15G | - | - | 6400 | 1875 | 6400 | 1875 | 6000 | 1760 | 7000 | 2050 | 25800 | 7560 | 2605 | 11.34 | | |
| 10G + 10G + 10G + 10G + 15G | 4500 | 1320 | 4500 | 1320 | 4500 | 1320 | 6000 | 1760 | 7000 | 2050 | 26500 | 7770 | 2631 | 11.50 | | |

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH8K8A | AMSHK77A |
|-----------------------|-----------------------|------------------|----------------------|-------------|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | 62 |
| | RATED RUNNING CURRENT | A | 0.72 | 0.28 |
| | MOTOR OUTPUT | W | 80 | 25 |
| | COMPRESSOR | INSULATION GRADE | | N/A |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| CAPACITOR | | μF | 25 | 30 |
| RATED INPUT POWER | | W | 638 | 1259 |
| RATED RUNNING CURRENT | | A | 2.72 | 5.58 |
| LOCKED ROTOR AMP. | | A | 15 | 25 |

| MODEL | OUTDOOR UNIT | | AMSH8K66A | AMSH66K66A |
|-----------------------|-----------------------|------------------|----------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10G | 4 x AWMS10G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| | MOTOR OUTPUT | W | 80 | |
| | COMPRESSOR | INSULATION GRADE | | N/A |
| POWER SOURCE | | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| CAPACITOR | | μF | 25 & 25 | 25 |
| RATED INPUT POWER | | W | 1042 & 650 | 1046 |
| RATED RUNNING CURRENT | | A | 4.50 & 2.80 | 4.52 |
| LOCKED ROTOR AMP. | | A | 21 & 15 | 21 |

1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

ELECTRICAL DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH66K555A | |
|---------------|-----------------------|---------|----------------------|---------|
| | INDOOR UNIT | | 4 x AWMS10G | AWMS15G |
| INDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 27 | 30 |
| | RATED RUNNING CURRENT | A | 0.11 | 0.13 |
| | MOTOR OUTPUT | W | 9 | 13 |
| | POLES | | 4 | |
| OUTDOOR MOTOR | INSULATION GRADE | | E | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | RATED INPUT POWER | W | 170 | |
| | RATED RUNNING CURRENT | A | 0.72 | |
| | MOTOR OUTPUT | W | 80 | |
| COMPRESSOR | INSULATION GRADE | | N/A | |
| | POWER SOURCE | V/Ph/Hz | 220 ~ 240 / 1 / 50Hz | |
| | CAPACITOR | μF | 25 | |
| | RATED INPUT POWER | W | 1074 | 1039 |
| | RATED RUNNING CURRENT | A | 4.69 | 4.56 |
| | LOCKED ROTOR AMP. | A | 21 | |

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 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH8K8A | AMSHK77A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|--|
| | INDOOR UNIT | | 2 x AWMS10G | 2 x AWMS15G | | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | ASG30 | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 97 / 3.82 | | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | | |
| | QUANTITY | | 1 | | | |
| | MATERIAL | | GLASS REINFORCED ACRLY STYRENE RESIN | | | |
| | DRIVE | | DIRECT | | | |
| | DIAMETER | mm/in | 406.4 / 16 | 355.6 / 14 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | | |
| | QUANTITY | | 1 | | | |
| | INDEX OF PROTECTION (IP) | | N/A | | | |
| COMPRESSOR | TYPE | | ROTARY | | | |
| | QUANTITY | | 2 | 1 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 7 / 0.28 | | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | | |
| | | ROW | | 2 | | |
| | | FIN PER INCH | | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | | |
| | FIN | MATERIAL | | ALUMINIUM | | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | 0.32 / 3.50 | |
| | | ROW | | 2 | 1 | |
| | | FIN PER INCH | | 16 | 19 | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | | |
| | | QUANTITY | pc | 2 x 1 x 1 | | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 | |
| | | | WIDTH | mm/in | 336 / 13.23 | |
| | | | THICKNESS | mm/in | 1.5 / 0.06 | |
| | NEGATIVE IONIZER | | | | YES | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | | |
| | | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

| MODEL | OUTDOOR UNIT | | AMSH8K66A | AMSH66K66A | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 3 x AWMS10G | 4 x AWMS10G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | 2 | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 16 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | | MATERIAL | HIPS | |
| | | | COLOUR | IVORY | |
| | OUTDOOR UNIT | | MATERIAL | GALVANISED MILD STEEL | |
| | | | FINISHING | EPOXY-POLYESTER POWDER | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

COMPONENTS DATA - COOLING ONLY (R22)

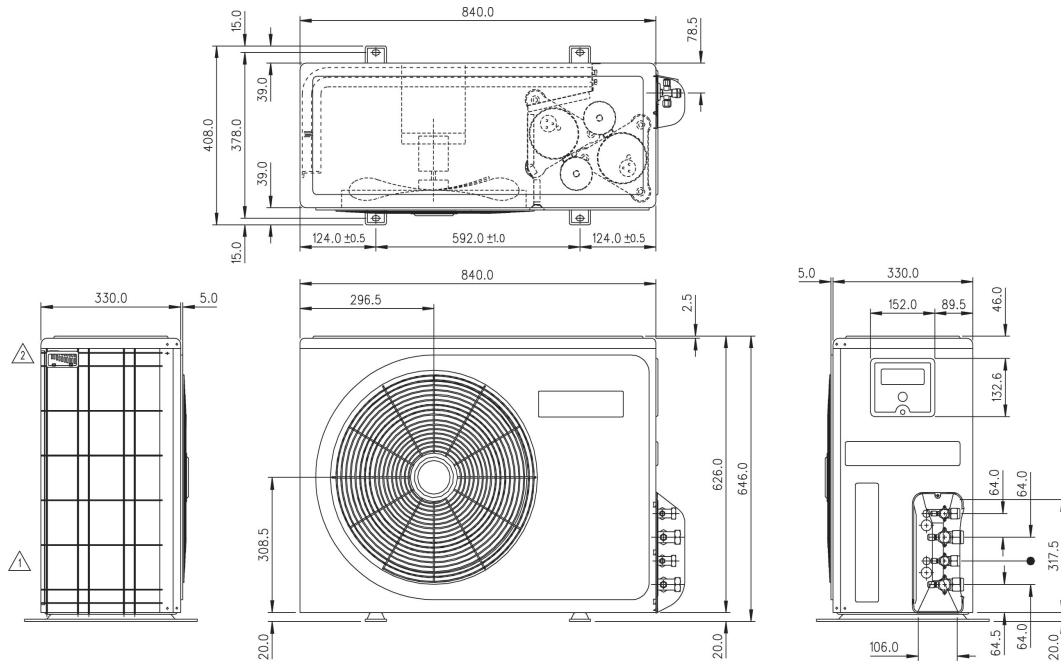
| MODEL | OUTDOOR UNIT | | AMSH66K555A | | |
|-------------------|--------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| | INDOOR UNIT | | 4 x AWMS10G | AWMS15G | |
| INDOOR FAN | TYPE | | CROSS FLOW TANGENTIAL | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | ASG30 | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 97 / 3.82 | | |
| | LENGTH | mm/in | 717.5 / 28.25 | | |
| INDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | IP24 | | |
| OUTDOOR FAN | TYPE | | PROPELLER | | |
| | QUANTITY | | 1 | | |
| | MATERIAL | | GLASS REINFORCED ACRYL STYRENE RESIN | | |
| | DRIVE | | DIRECT | | |
| | DIAMETER | mm/in | 406.4 / 16 | | |
| OUTDOOR FAN MOTOR | TYPE | | INDUCTION MOTOR | | |
| | QUANTITY | | 1 | | |
| | INDEX OF PROTECTION (IP) | | N/A | | |
| COMPRESSOR | TYPE | | ROTARY | | |
| | QUANTITY | | 2 | | |
| | OIL TYPE | | ATMOS M60 / SUNISO 4GDID | | |
| | OIL AMOUNT | cm ³ /fl.oz. | 350 / 11.8 | | |
| INDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 7 / 0.28 | |
| | | THICKNESS | mm/in | 0.28 / 0.011 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.193 / 2.08 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 18 | | |
| OUTDOOR COIL | TUBE | MATERIAL | | S.I.G.C. | |
| | | DIAMETER | mm/in | 9.52 / 3/8 | |
| | | THICKNESS | mm/in | 0.33 / 0.013 | |
| | FIN | MATERIAL | | ALUMINIUM | |
| | | THICKNESS | mm/in | 0.11 / 0.004 | |
| | | FACE AREA | m ² /ft ² | 0.51 / 5.53 | |
| | | ROW | 2 | | |
| | | FIN PER INCH | 16 | | |
| AIR QUALITY | FILTER | TYPE | | SARANET + IONISER + DEODORISER | |
| | | QUANTITY | pc | 2 x 1 x 1 | |
| | | SIZE | LENGTH | mm/in | 310 / 12.20 |
| | | | WIDTH | mm/in | 336 / 13.23 |
| | THICKNESS | mm/in | 1.5 / 0.06 | | |
| | NEGATIVE IONIZER | | YES | | |
| CASING | INDOOR UNIT | MATERIAL | HIPS | | |
| | | COLOUR | IVORY | | |
| | OUTDOOR UNIT | MATERIAL | GALVANISED MILD STEEL | | |
| | | FINISHING | EPOXY-POLYESTER POWDER | | |
| | | COLOUR | LIGHT GREY | | |

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 2) S.I.G.C. - SEAMLESS INNER GROOVED COPPER.

5. OUTLINES AND DIMENSIONS

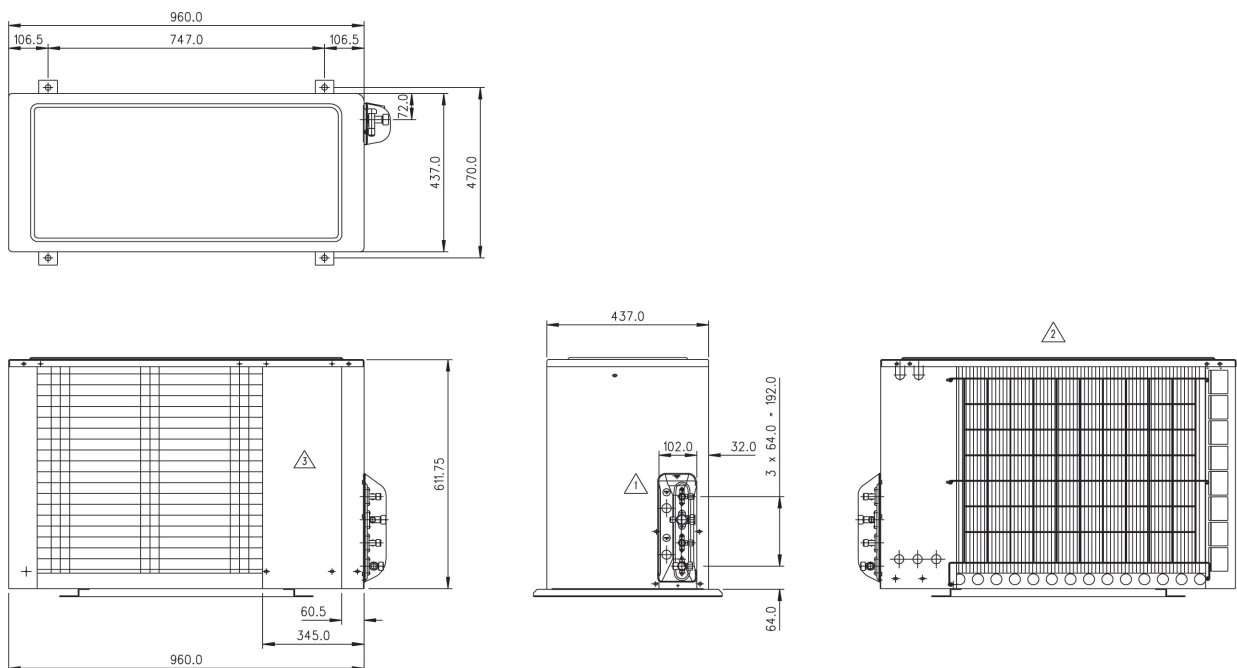
OUTDOOR UNIT

MODEL : AMSD 1010 / 1015 / 1515 A/AR
 AMSD 1520AR
 A4MSD 1010 / 1015 / 1515 A/AR



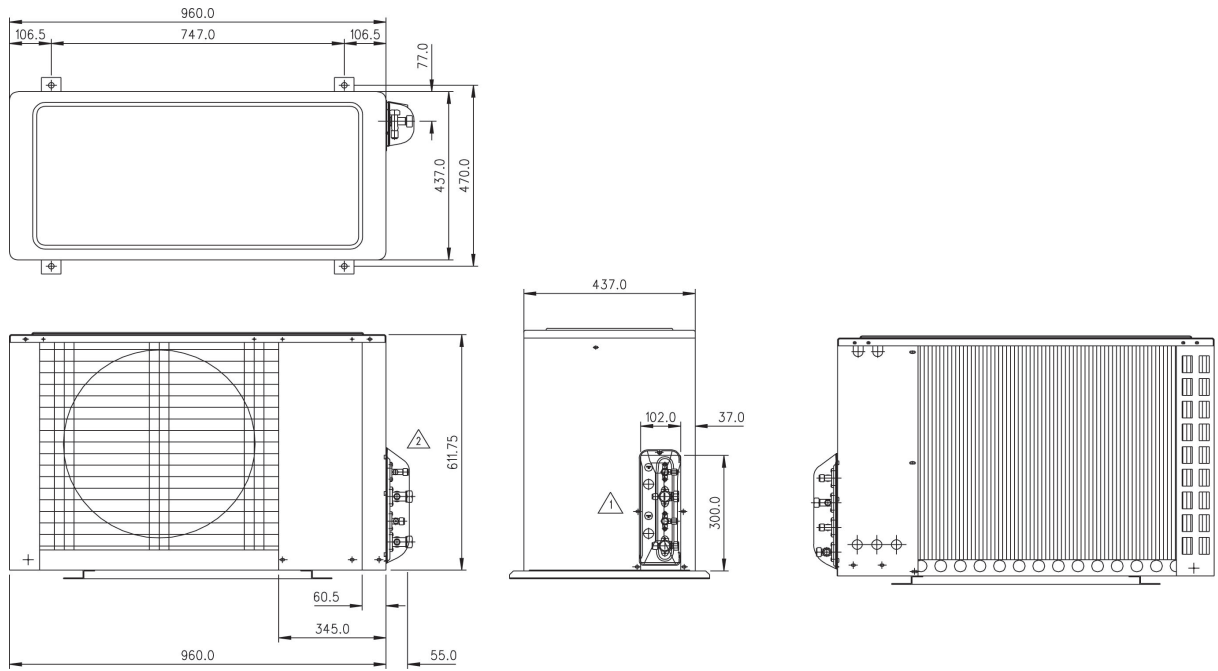
Note : Dimension in mm

MODEL : AMSD 1020 / 1520 A



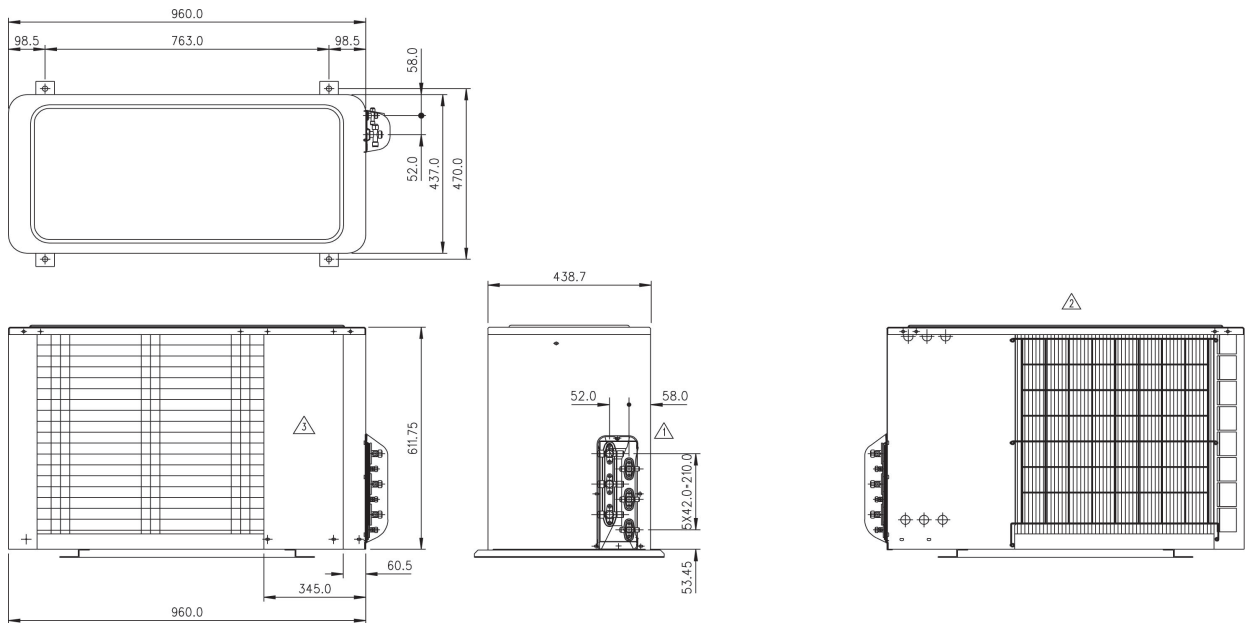
Note : Dimension in mm

MODEL : AMSD 2020A



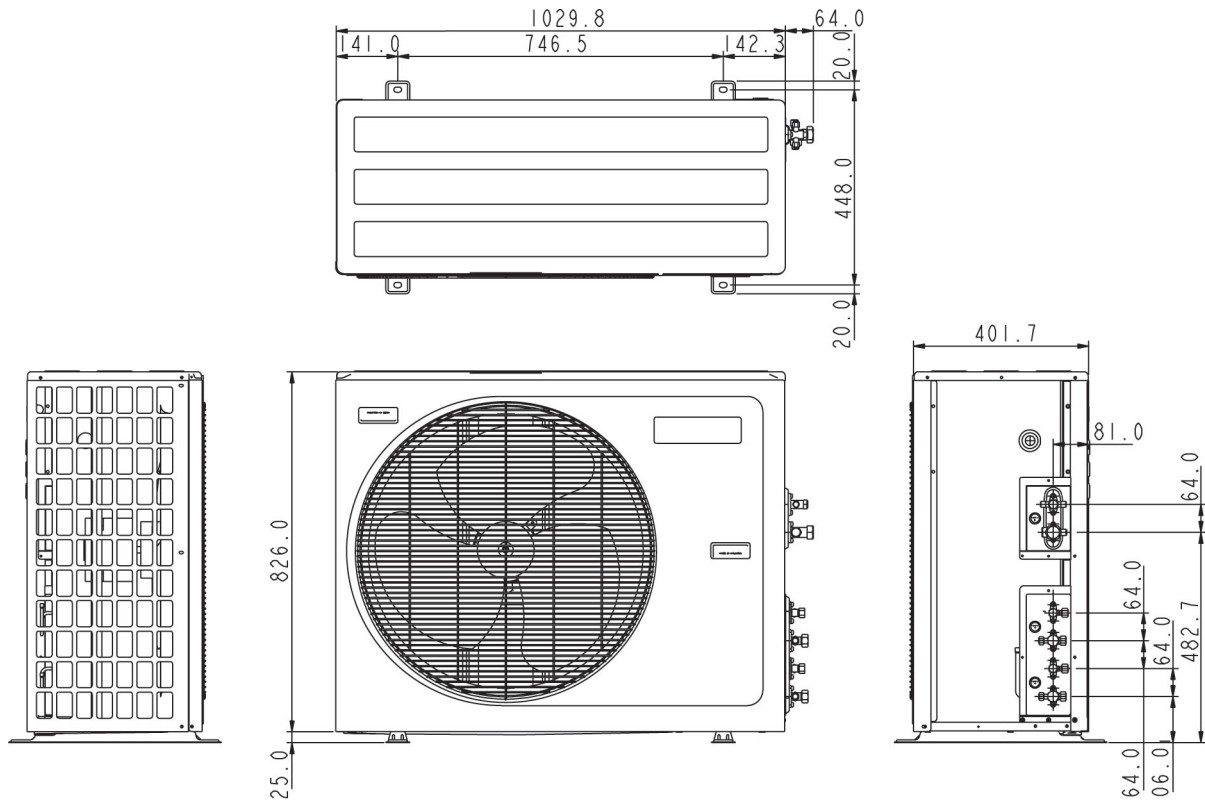
Note : Dimension in mm

**MODEL : AMST 101010 / 101015 / 101515 / 151515 / 101020A
A4MST 101010 / 101015 / 101515 / 151515 A/AR**



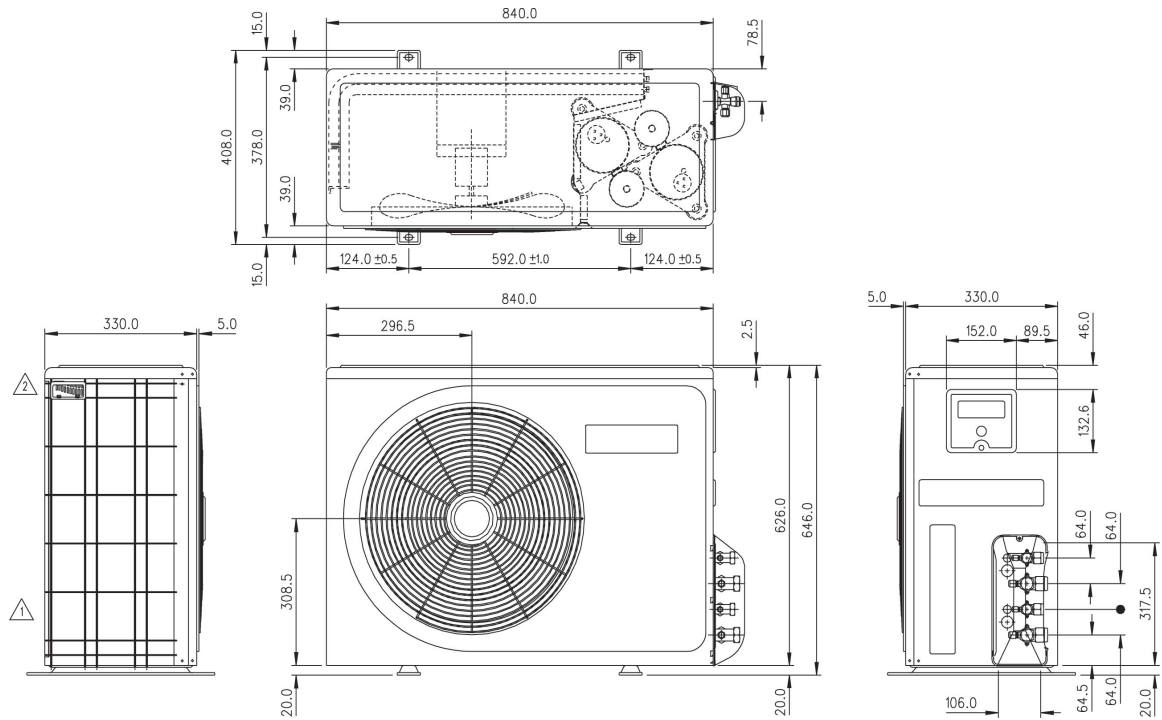
Note : Dimension in mm

MODEL : AMST 101025 / 101525 / 151525 A



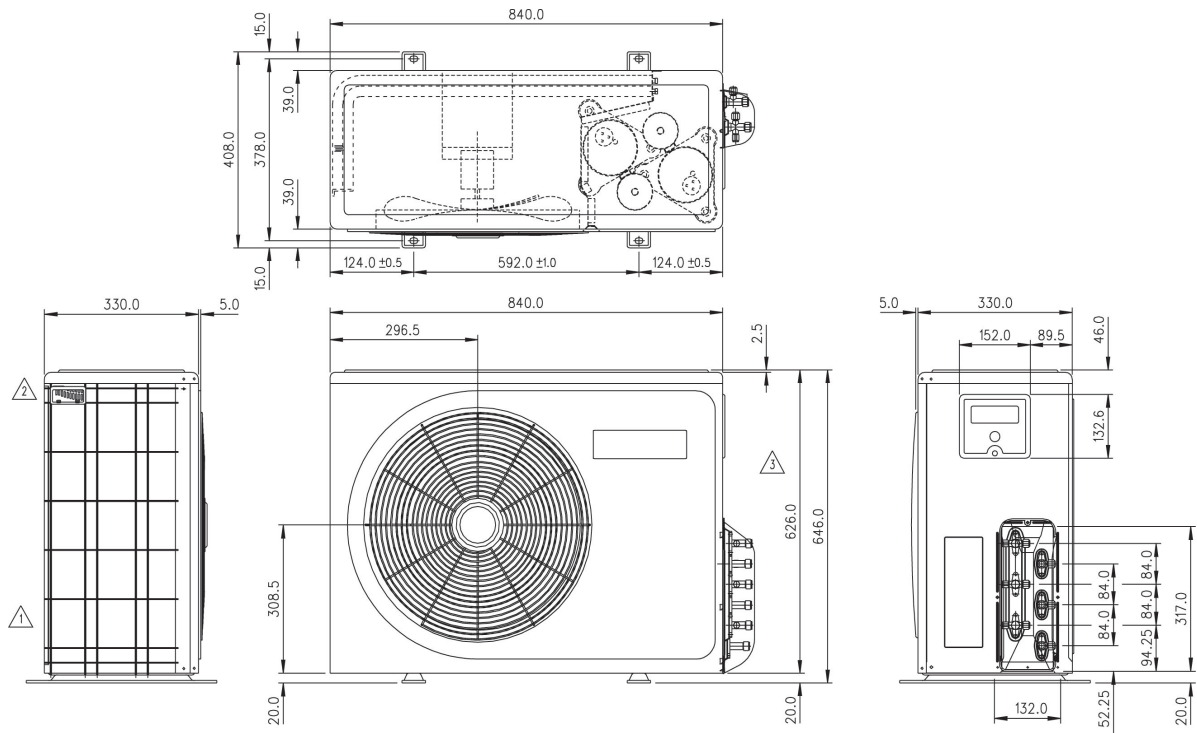
Note : Dimension in mm

MODEL : AMSH 8K8 A



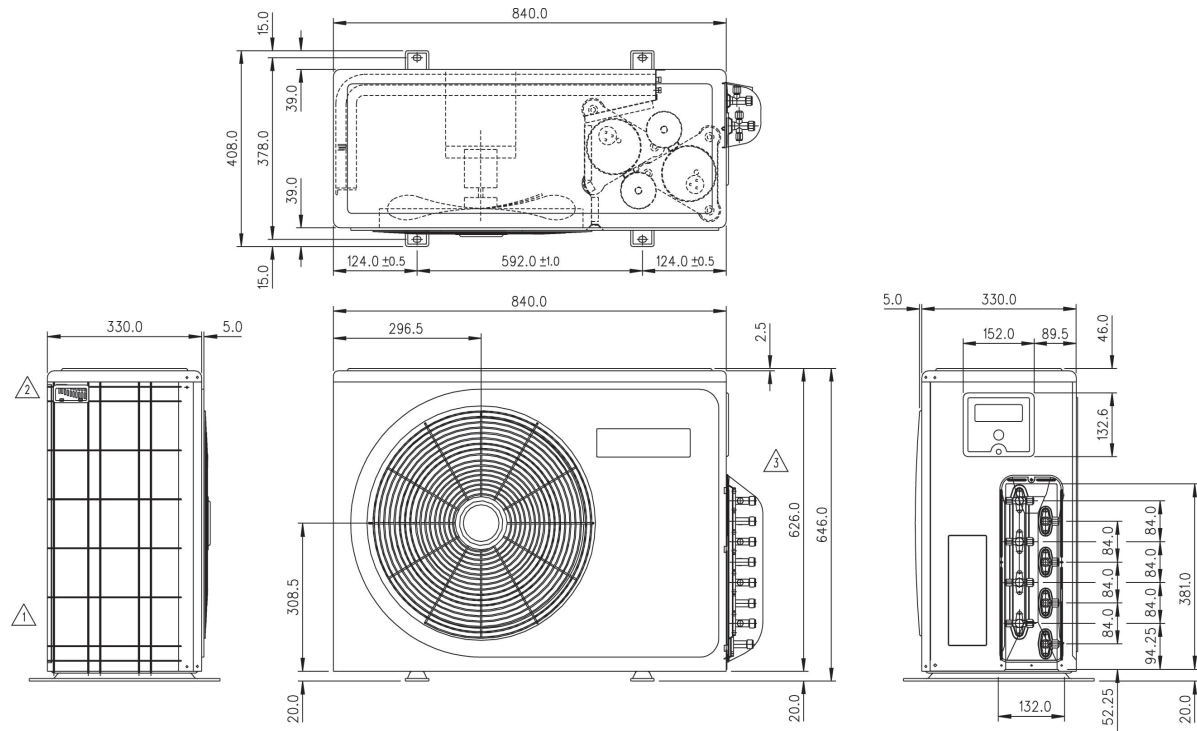
Note : Dimension in mm

MODEL : AMSH 8K66 A



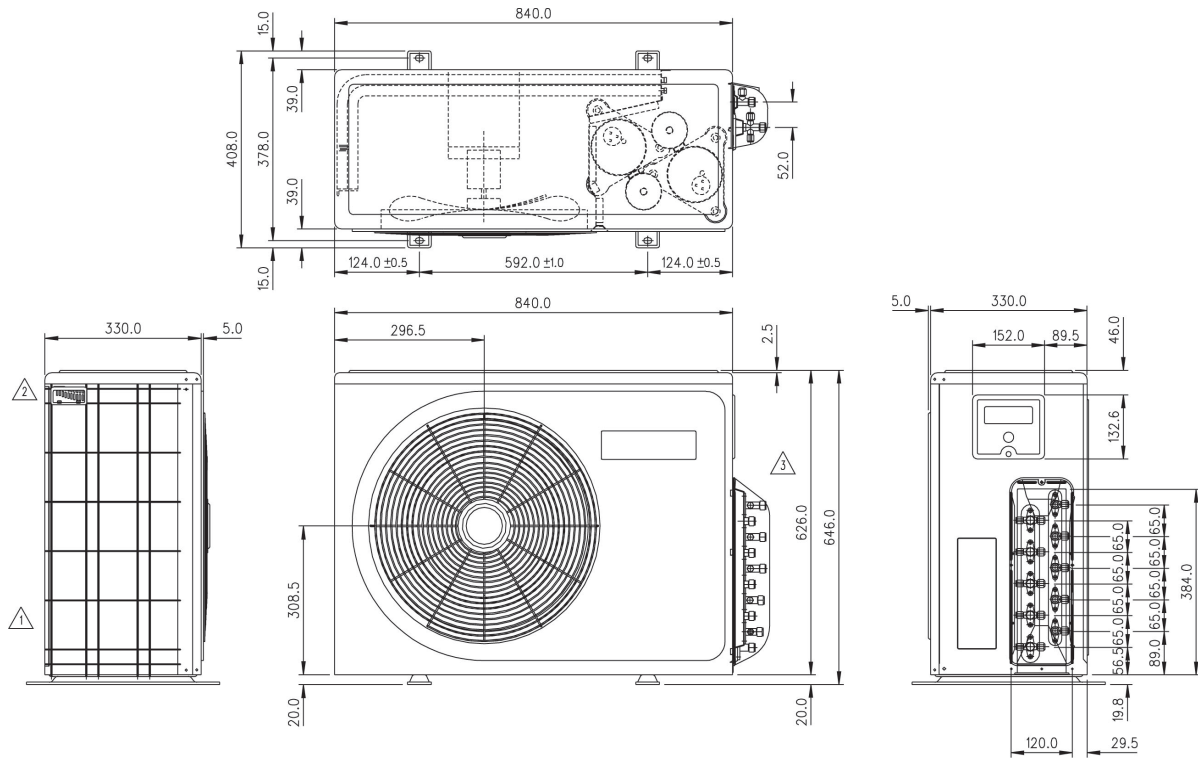
Note : Dimension in mm

MODEL : AMSH 66K66 A



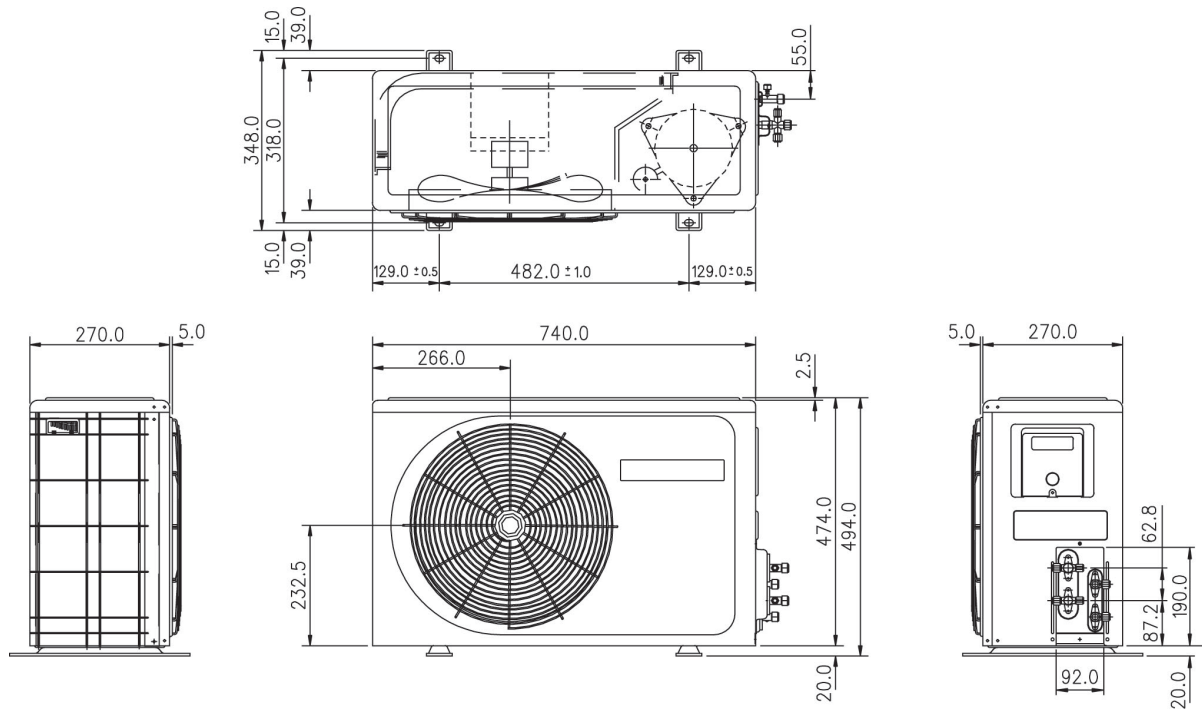
Note : Dimension in mm

MODEL : AMSH 66K555 A



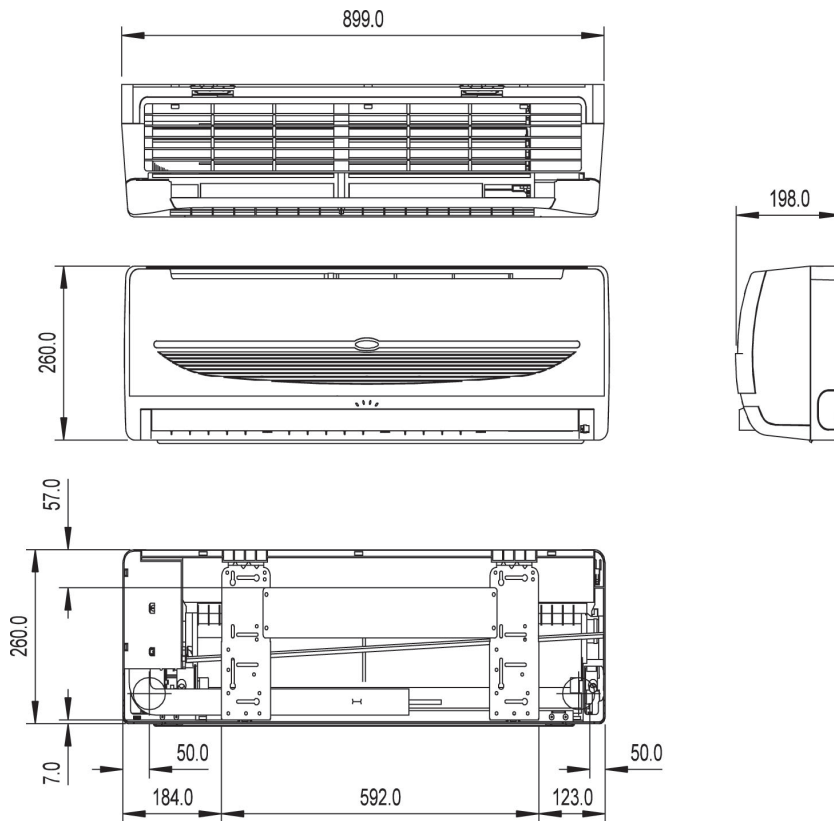
Note : Dimension in mm

MODEL : AMSH K77 A



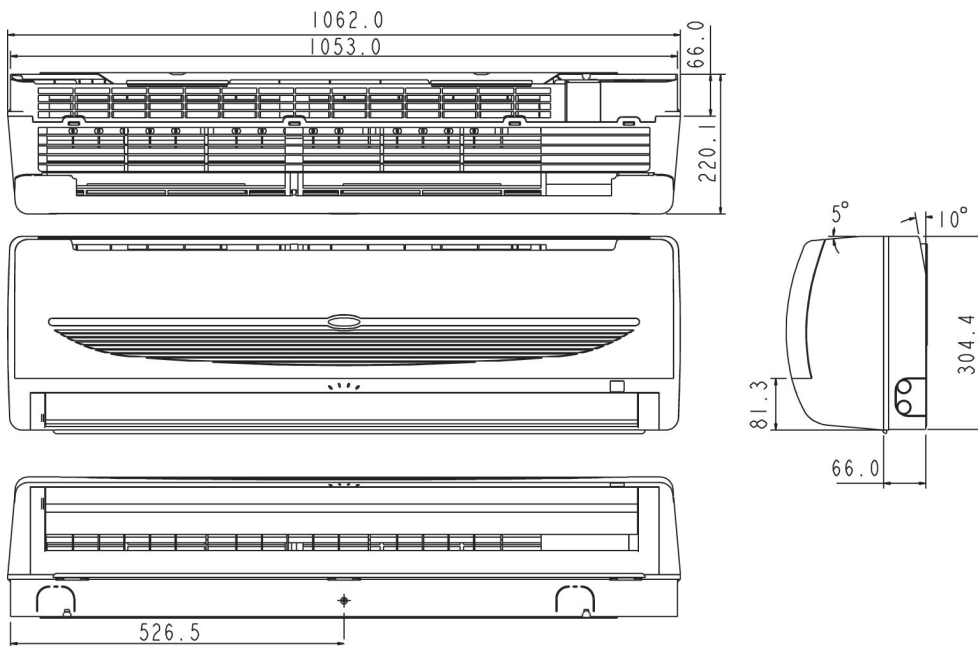
Note : Dimension in mm

INDOOR UNIT
MODEL : AWMS 10/15 G/GR



Note : Dimension in mm

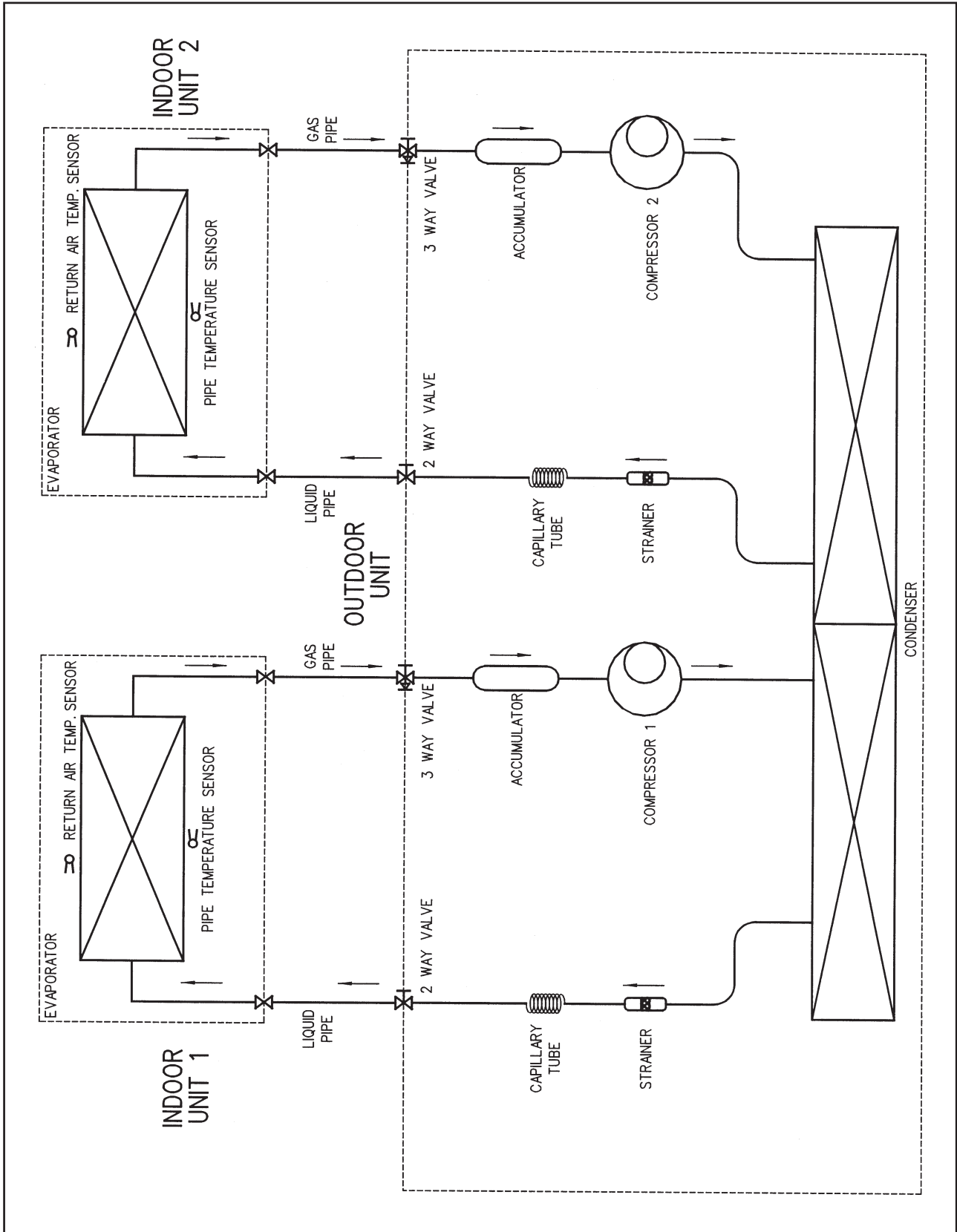
INDOOR UNIT
MODEL : AWMS 20/25 G/GR



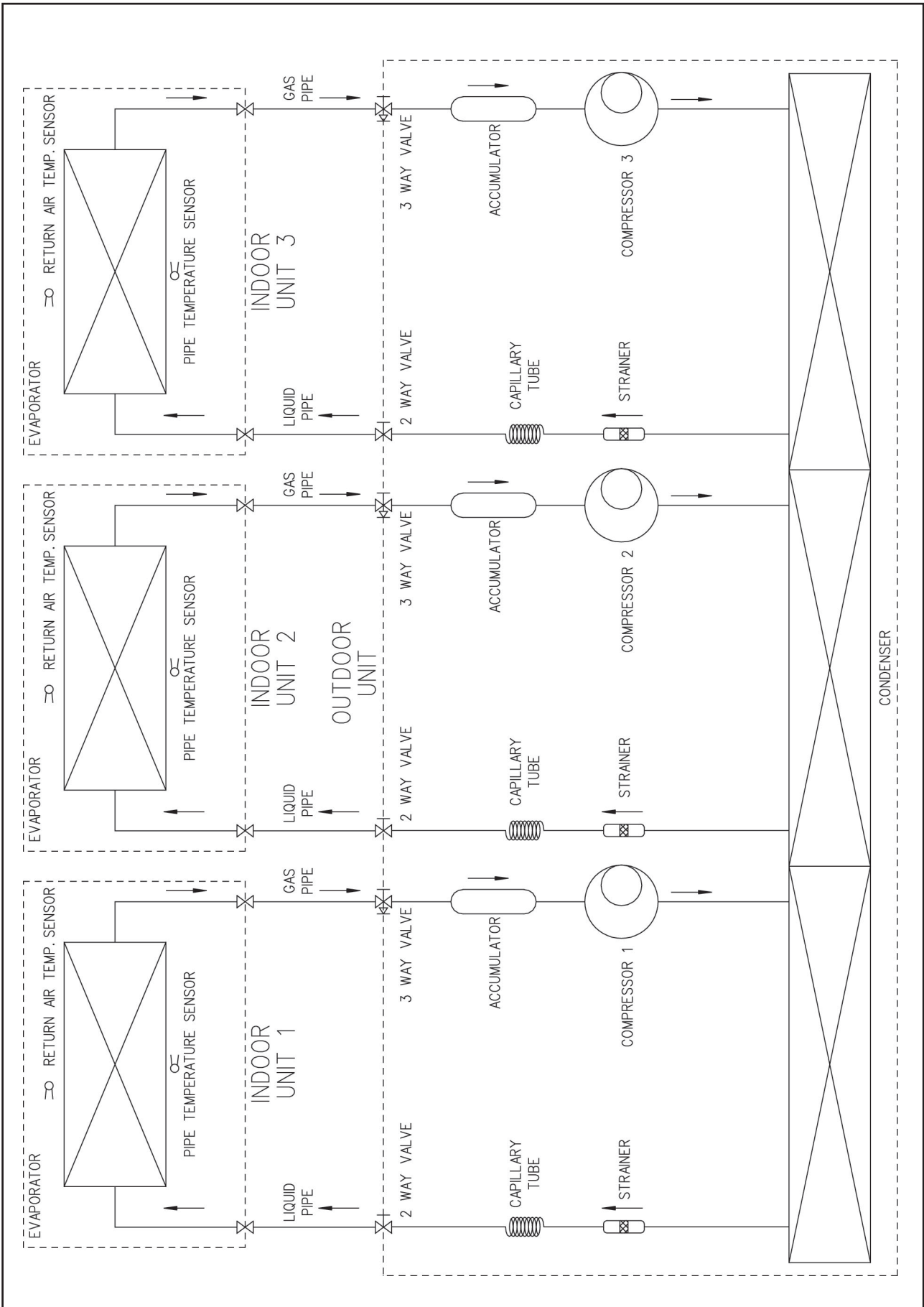
Note : Dimension in mm

6. REFRIGERANT CIRCUIT DIAGRAM

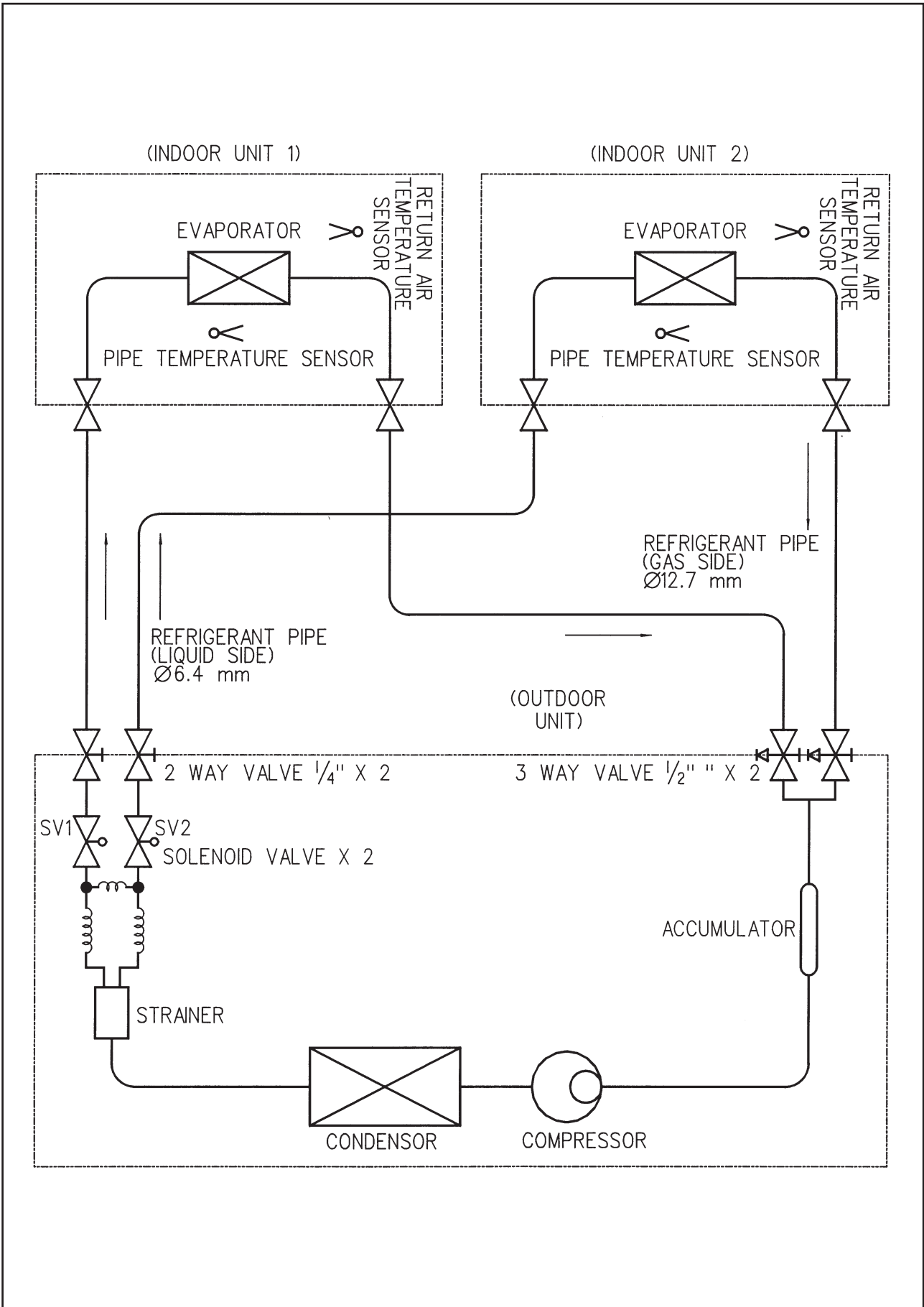
MODEL : AMSD 1010 / 1015 / 1515 / 1020 / 1520 / 2020 A
 A4MSD 1010 / 1015 / 1515 A



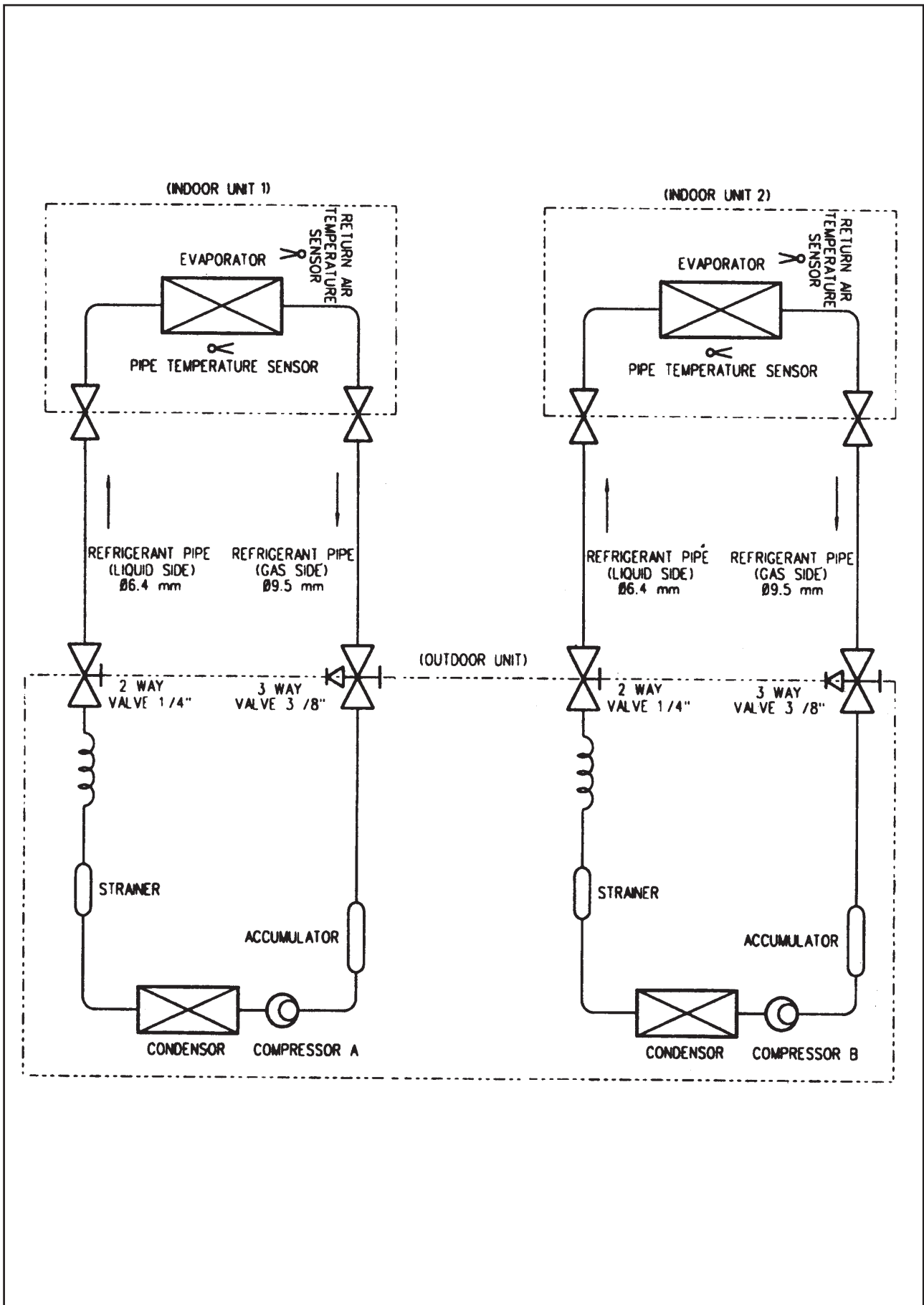
MODEL : AMST/A4MST 101010 / 101015 / 101515 / 151515 A
AMST 101020 / 101025 / 101525 / 151525 A



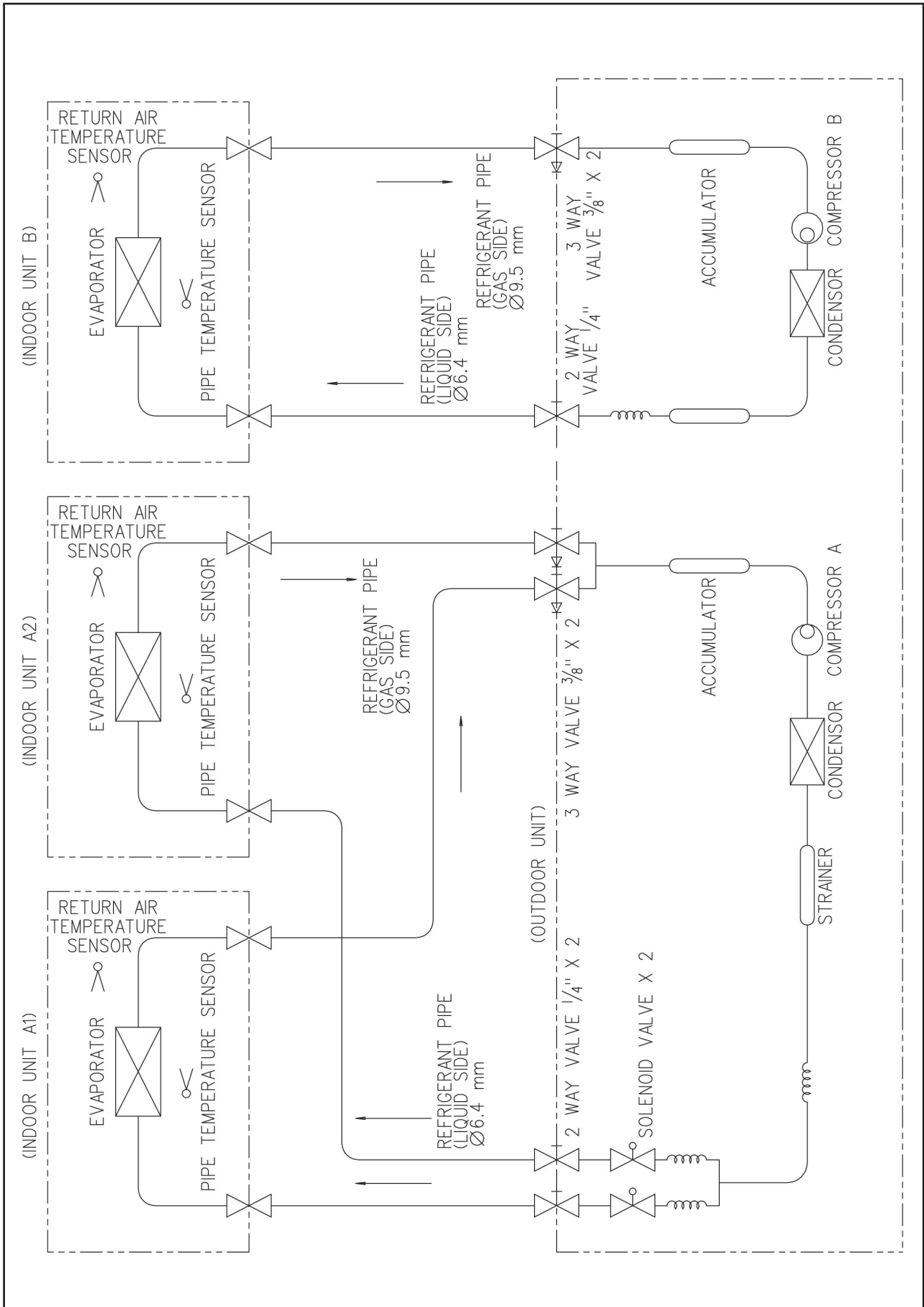
MODEL : AMSHK77A



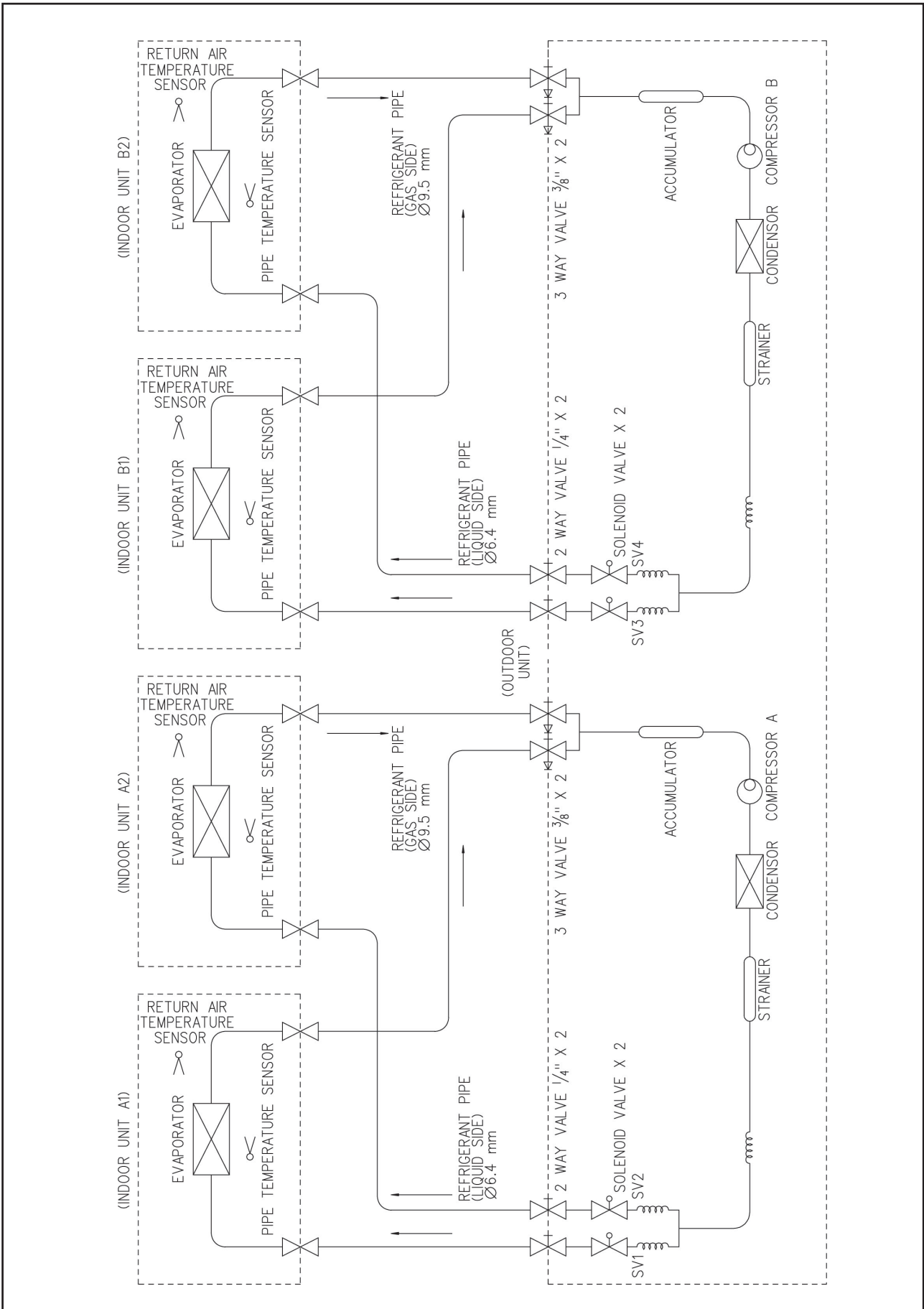
MODEL : AMSH8K8A



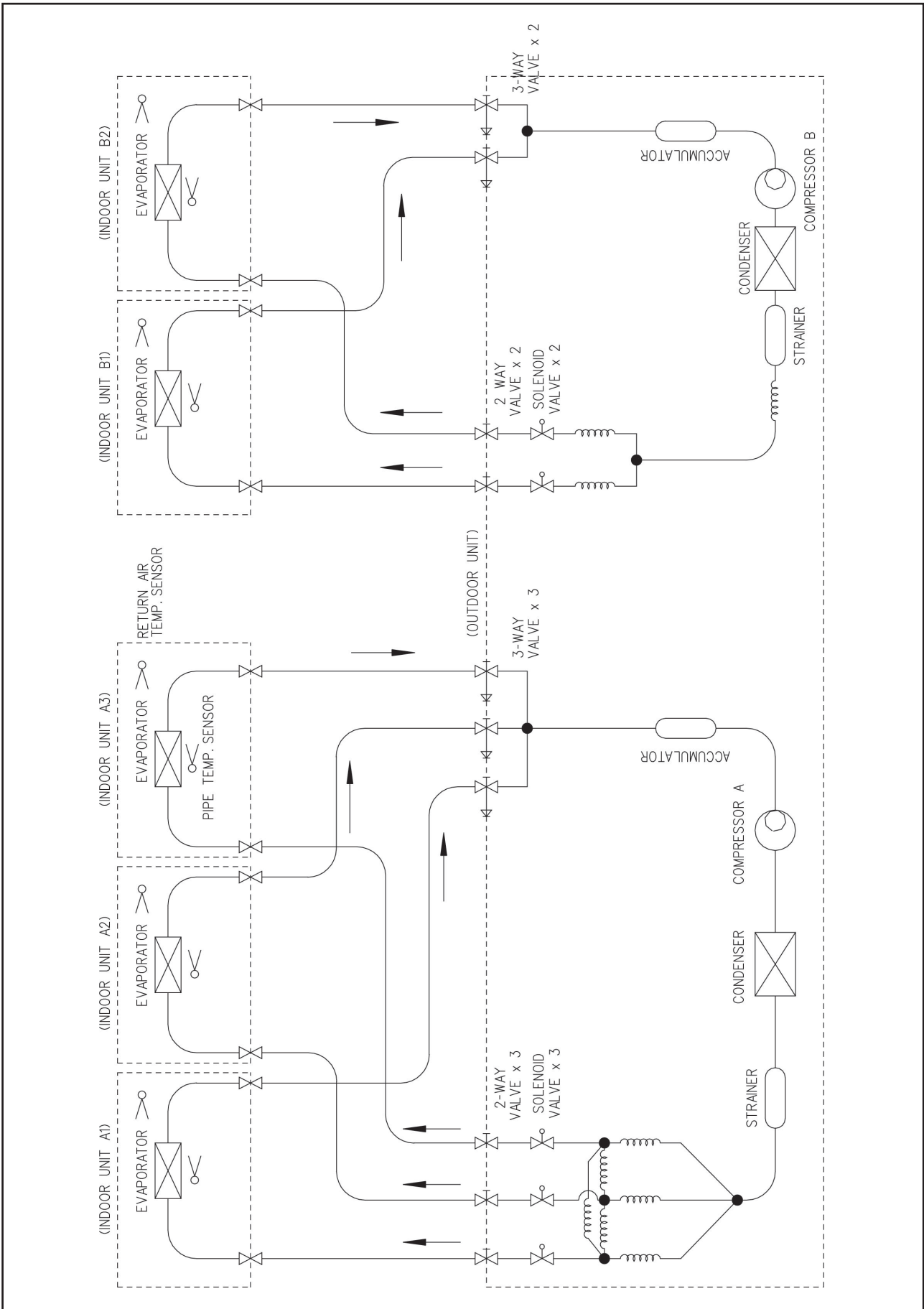
MODEL : AMSH8K66A



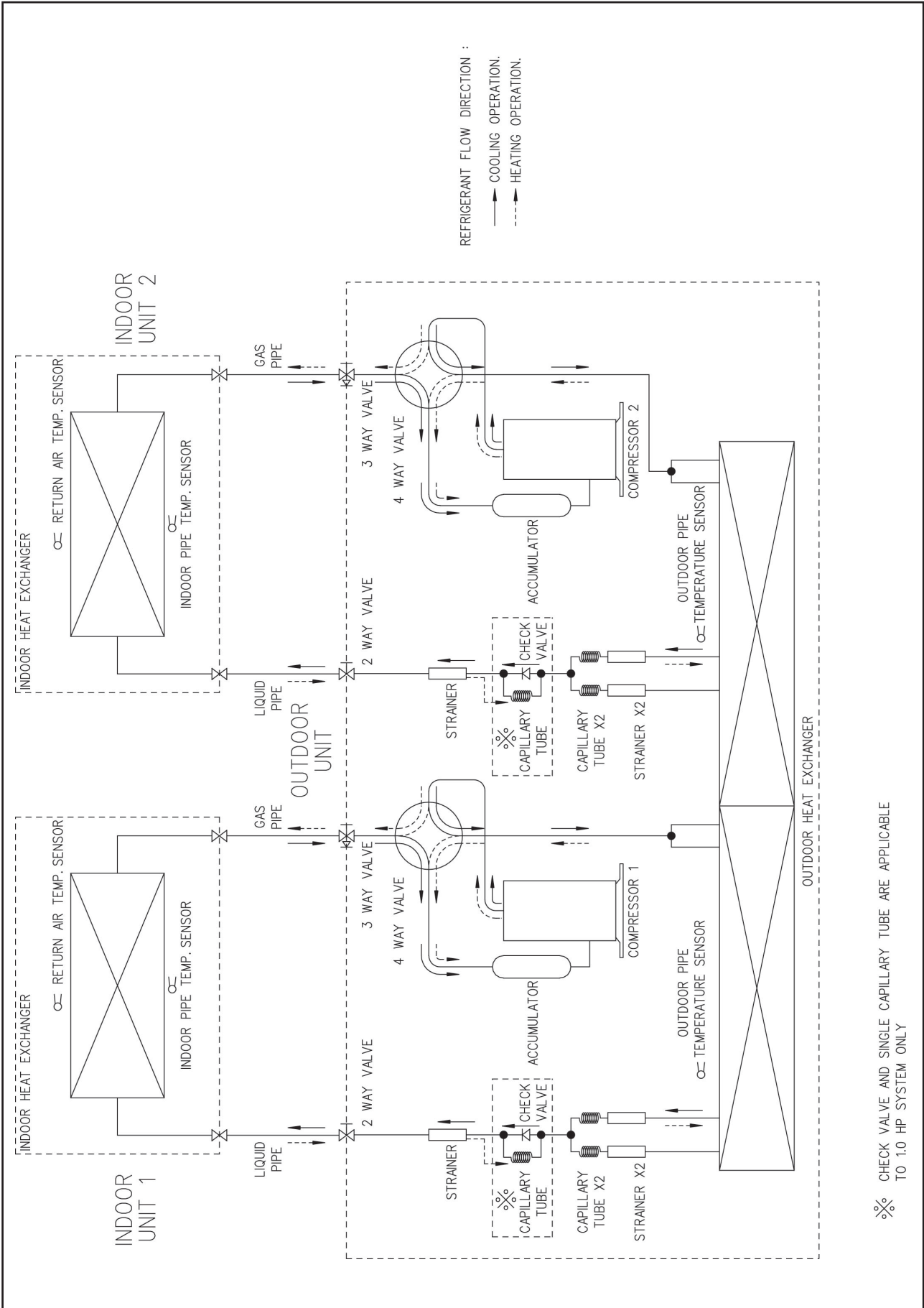
MODEL : AMSH66K66A



MODEL : AMSH66K555A

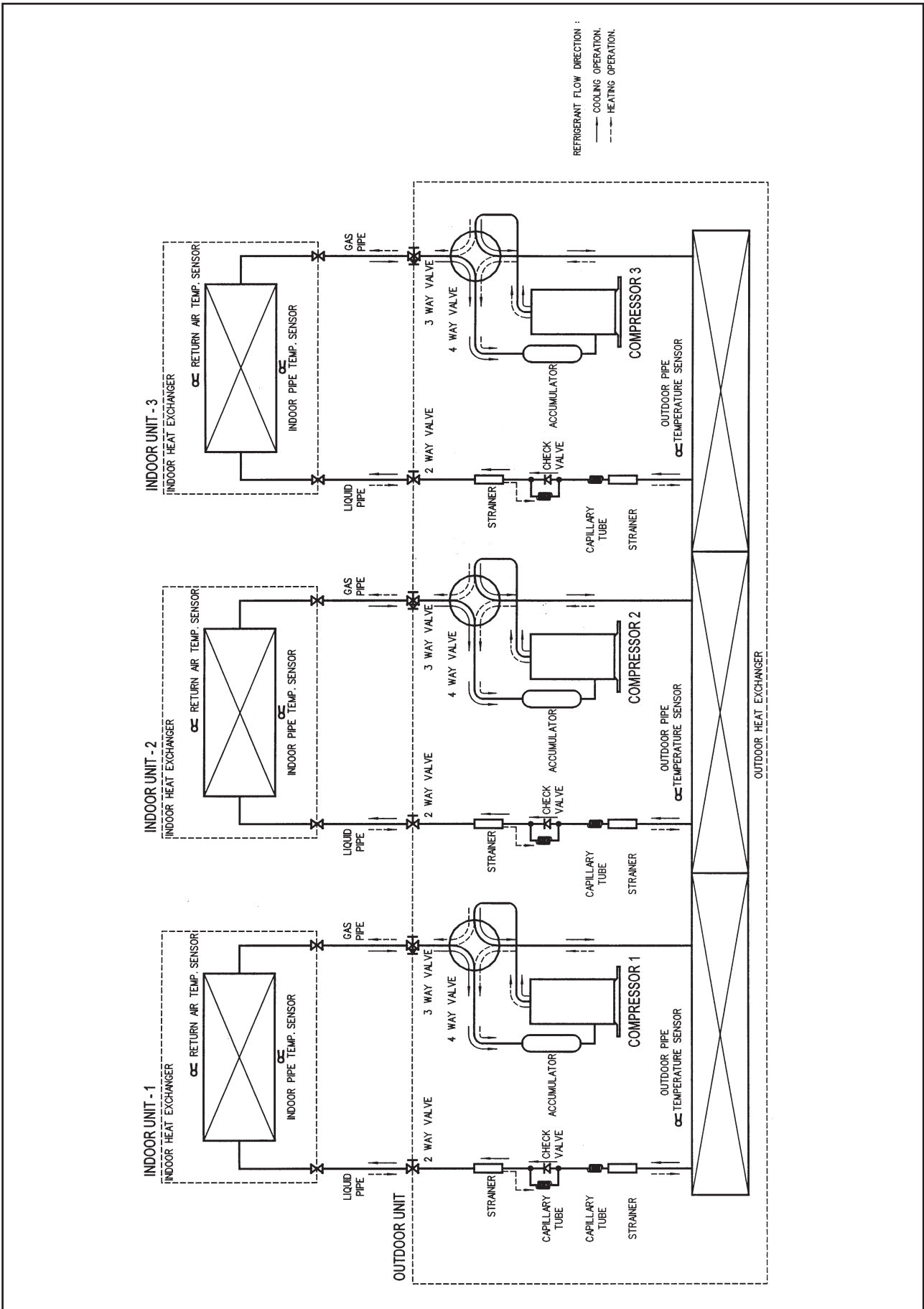


**MODEL : AMSD/A4MSD 1010 / 1015 / 1515 AR
AMSD 1520AR**



☒ CHECK VALVE AND SINGLE CAPILLARY TUBE ARE APPLICABLE TO 1.0 HP SYSTEM ONLY

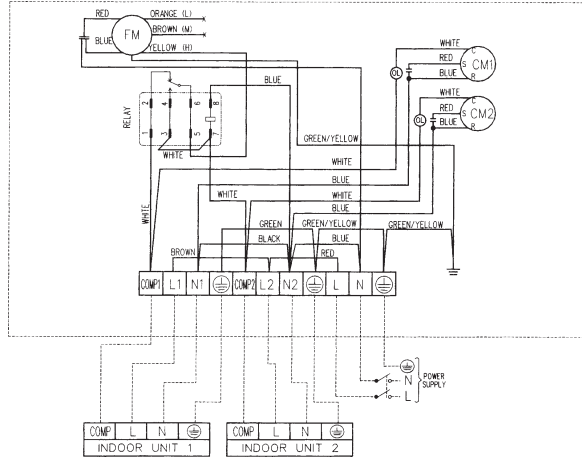
MODEL : AMST / A4MST 101010 / 101015 / 101515 / 151515 AR



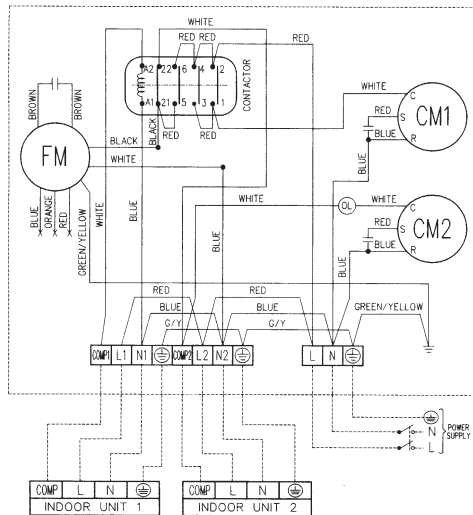
7. WIRING DIAGRAMS

OUTDOOR UNIT - COOLING ONLY

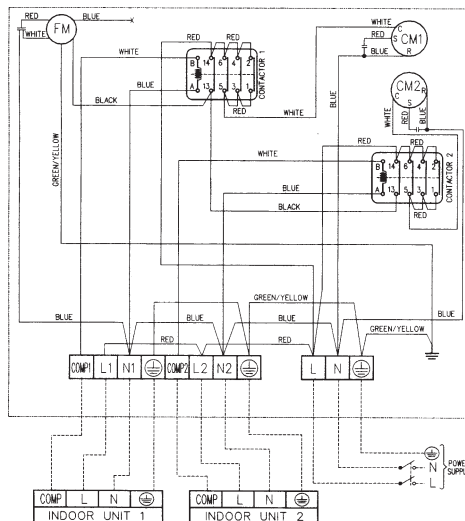
MODEL : AMSD/A4MSD 1010A/ 1015A/ 1515A



MODEL : AMSD 1020A/ 1520A

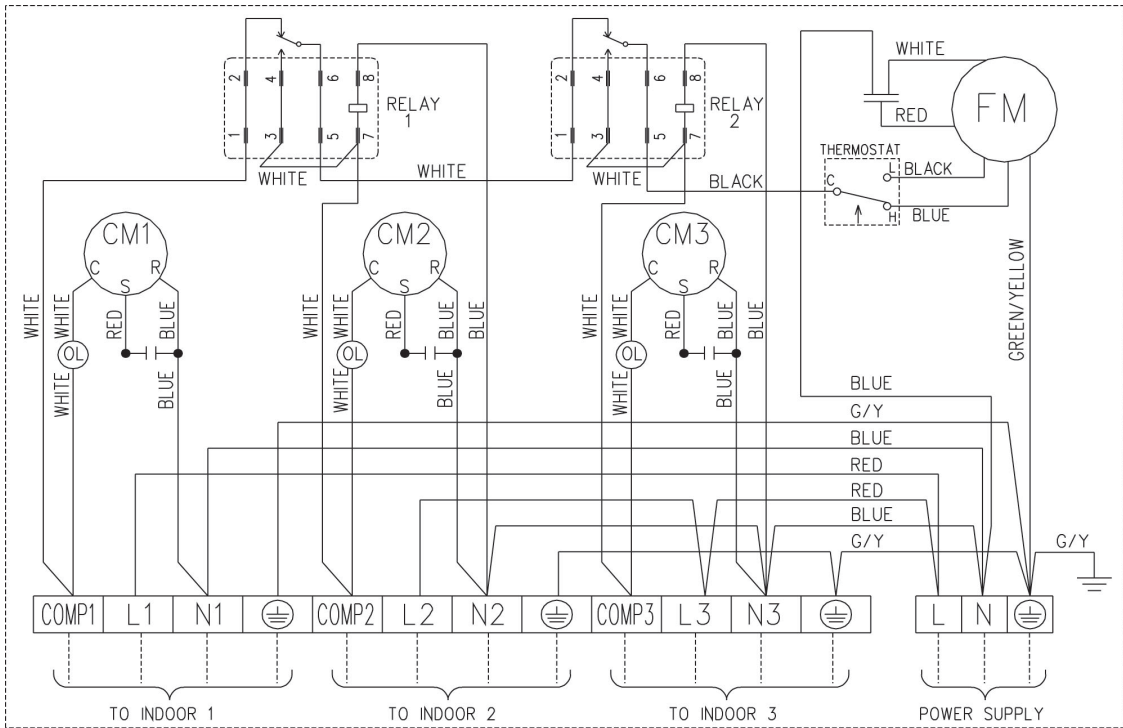


MODEL : AMSD 2020A



OUTDOOR UNIT - COOLING ONLY

MODEL : AMST/A4MST 101010A/ 101015A/ 101515A/ 151515A



KEY:

FM - FAN MOTOR

CM2 - COMPRESSOR MOTOR 2

CAUTION:

ALL POWER SOURCE MUST BE FROM THE SAME PHASE

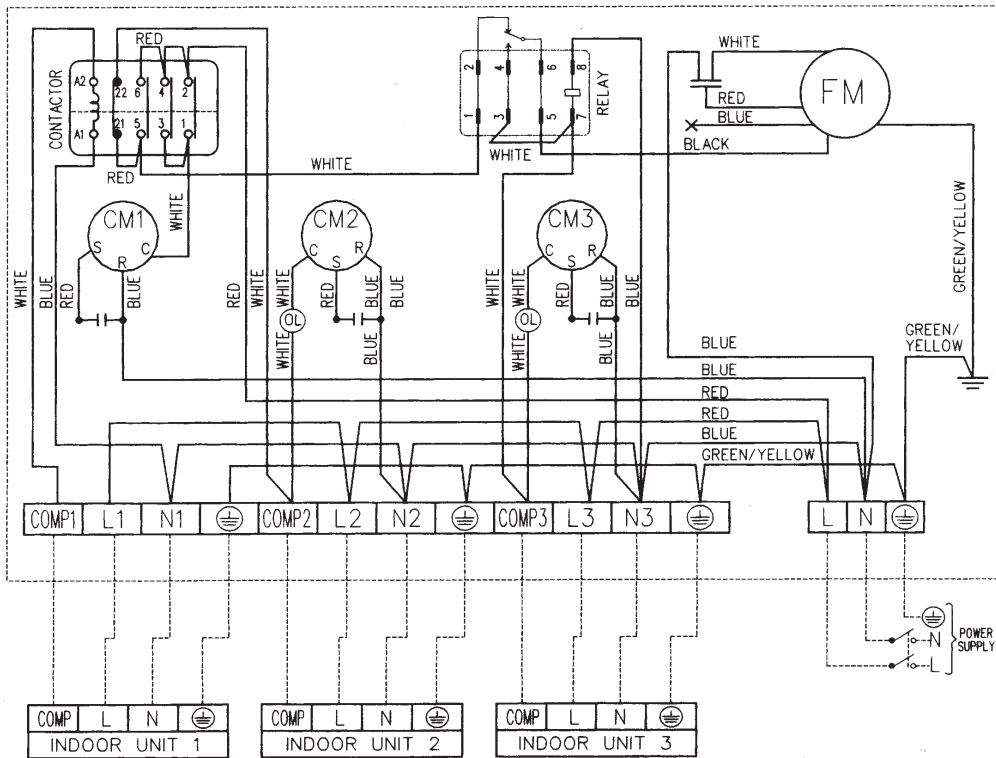
CM1 - COMPRESSOR MOTOR 1

CM3 - COMPRESSOR MOTOR 3

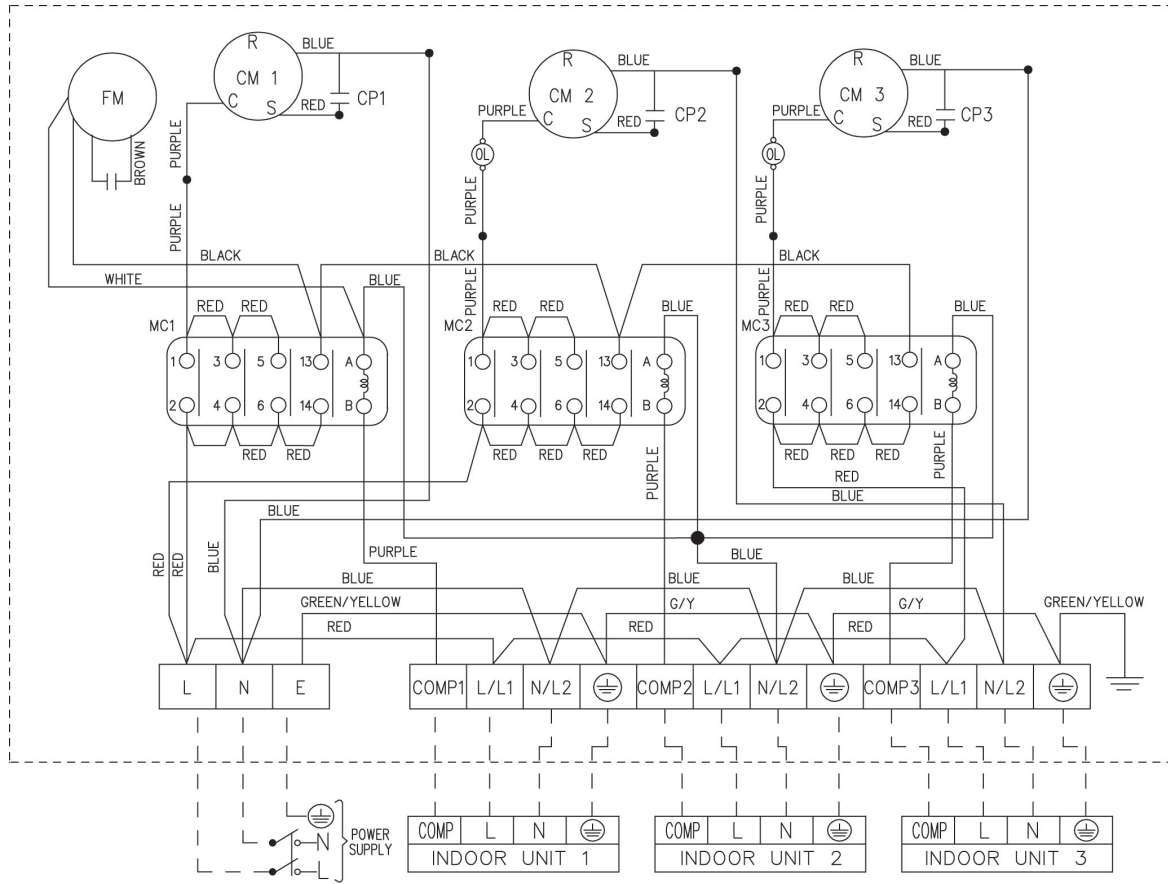
NOTE:

FOR FAN SPEED CONTROL APPLICATION

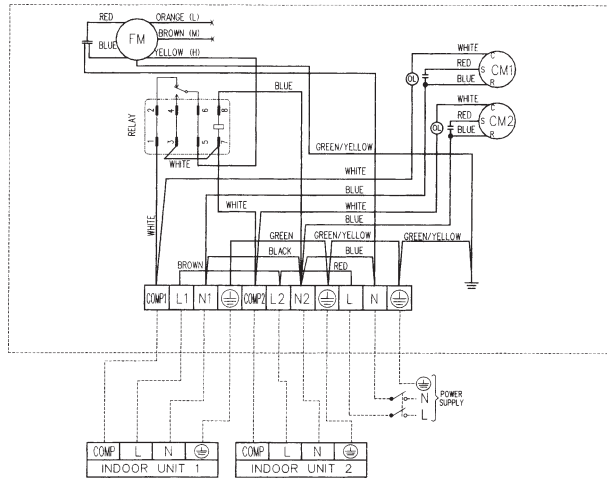
MODEL : AMST 101020A



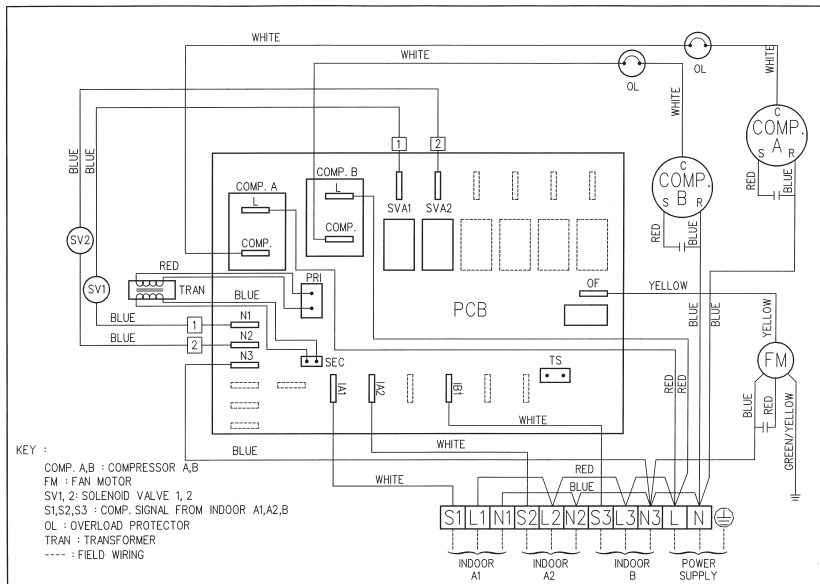
OUTDOOR UNIT - COOLING ONLY
MODEL : AMST 101025A/ 101525A/ 151525A



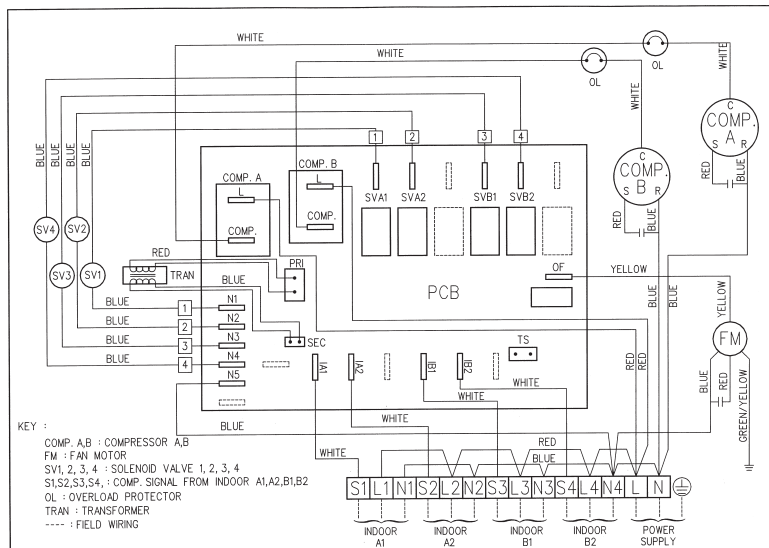
OUTDOOR UNIT - COOLING ONLY
MODEL : AMSH8K8A



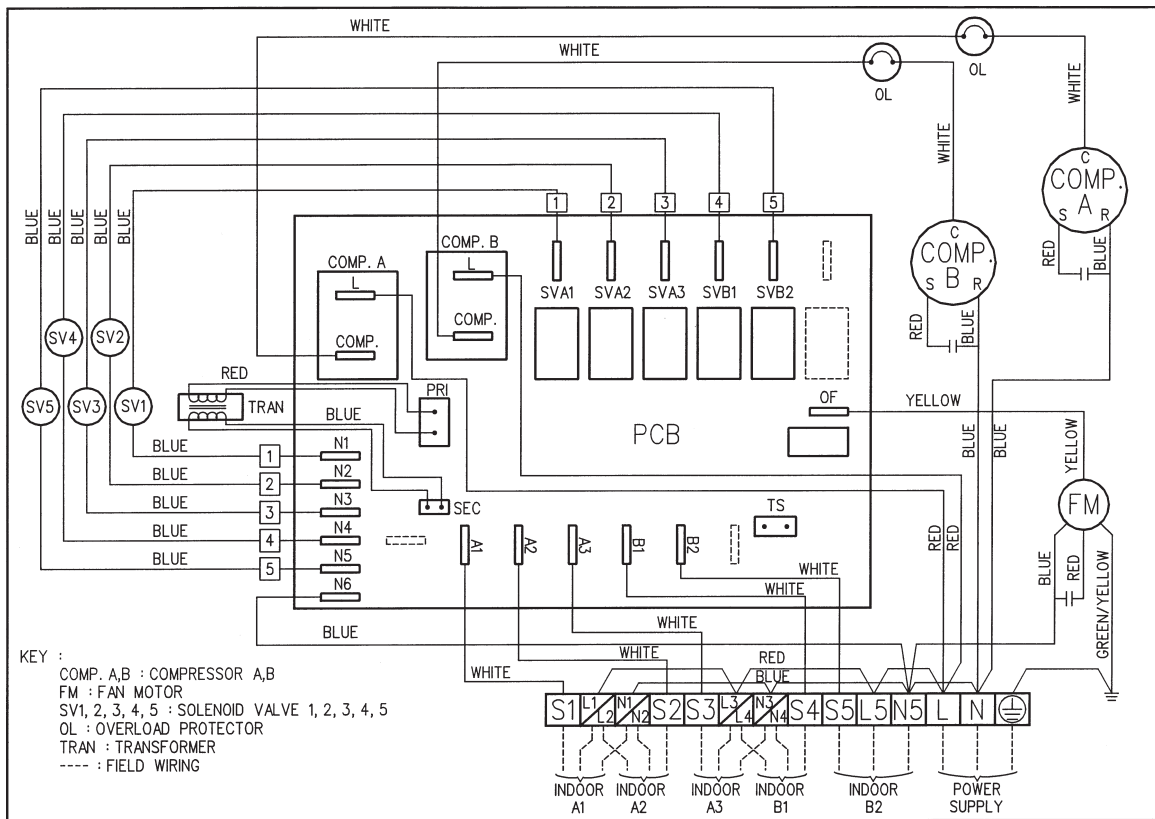
MODEL : AMSH8K66A



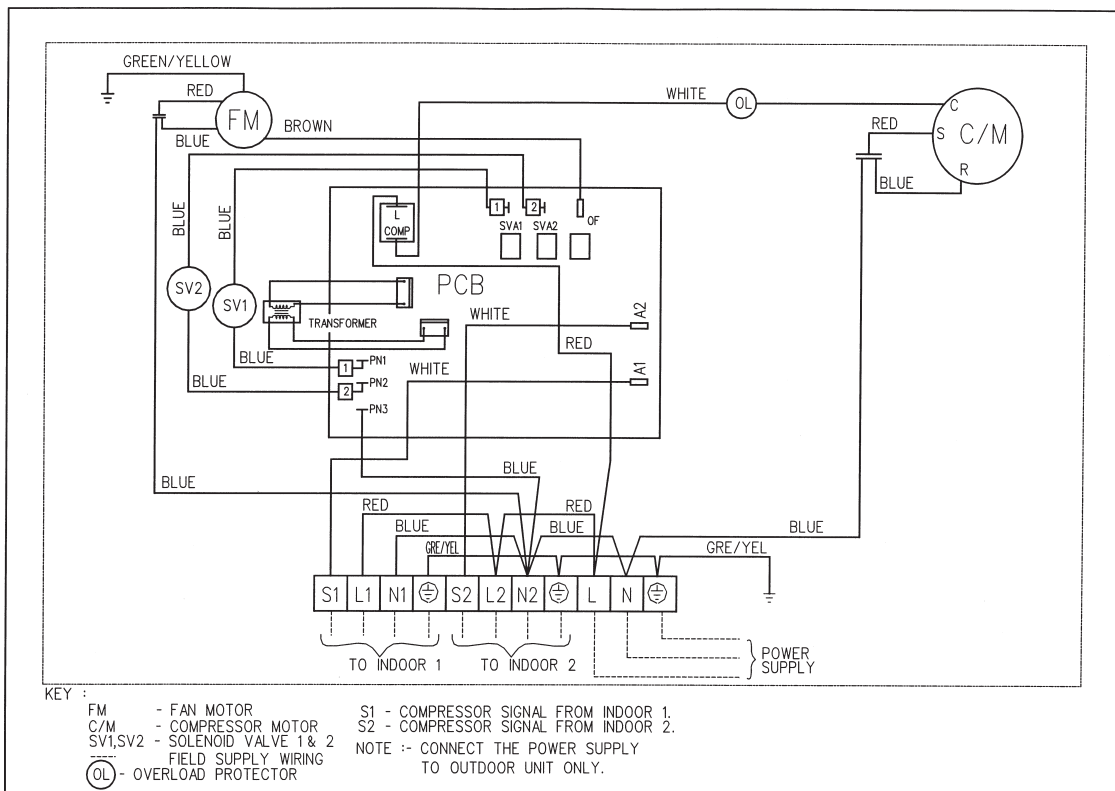
MODEL : AMSH66K66A



OUTDOOR UNIT - COOLING ONLY
MODEL : AMSH66K555A

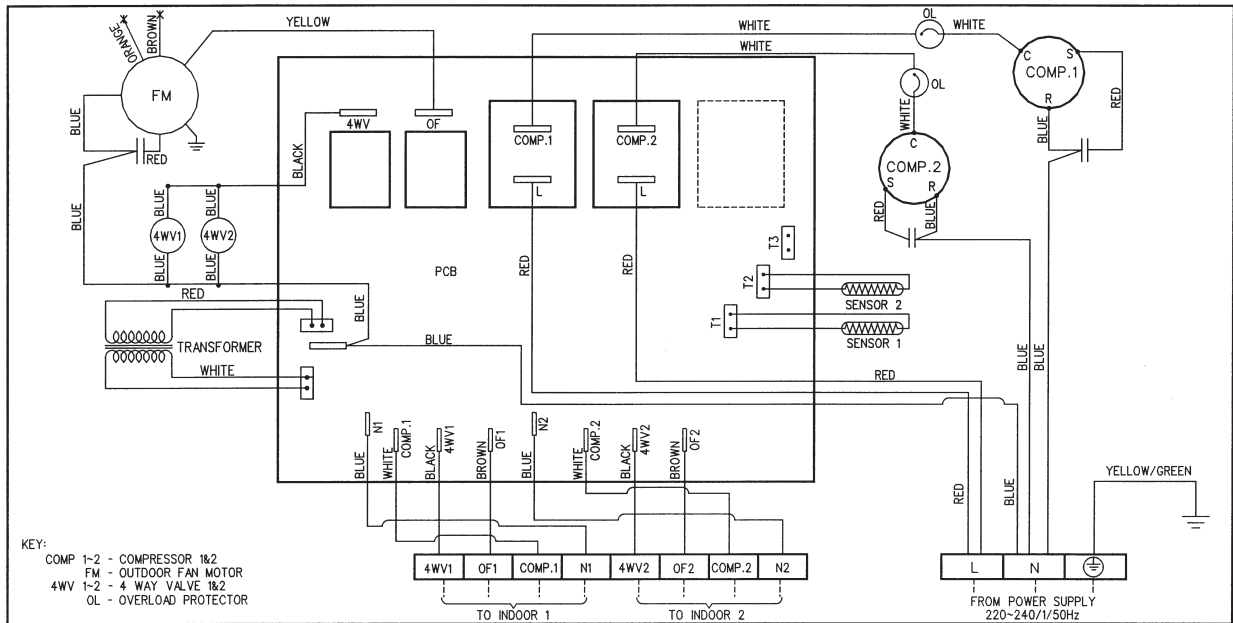


MODEL : AMSHK77A

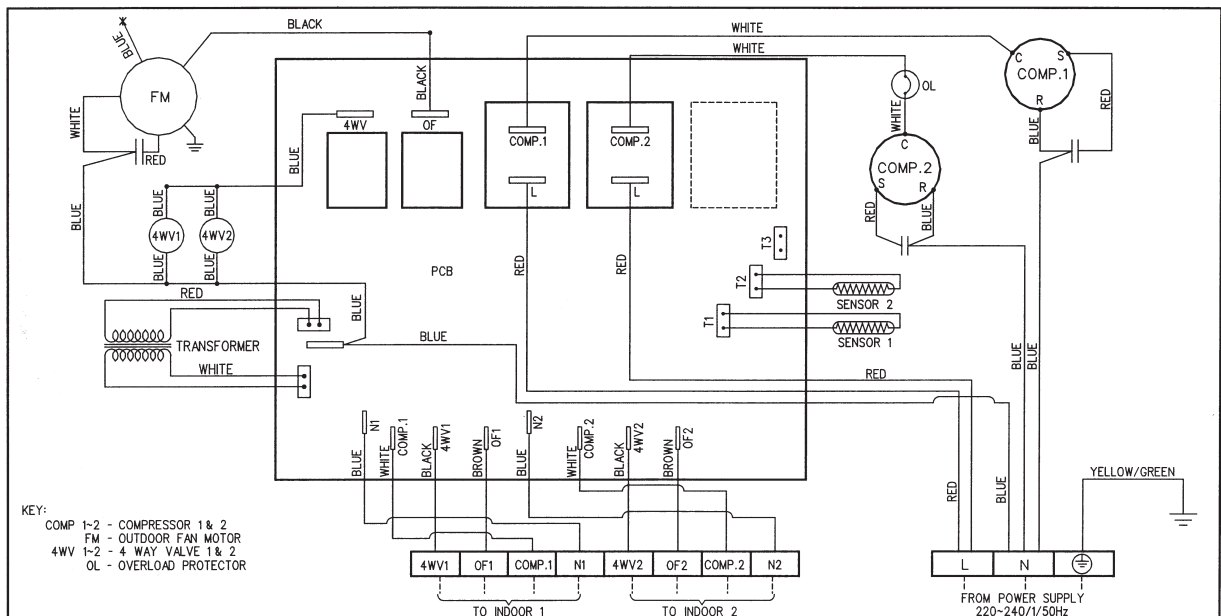


OUTDOOR UNIT - HEATPUMP

MODEL : AMSD/A4MSD 1010AR / 1015AR / 1515AR

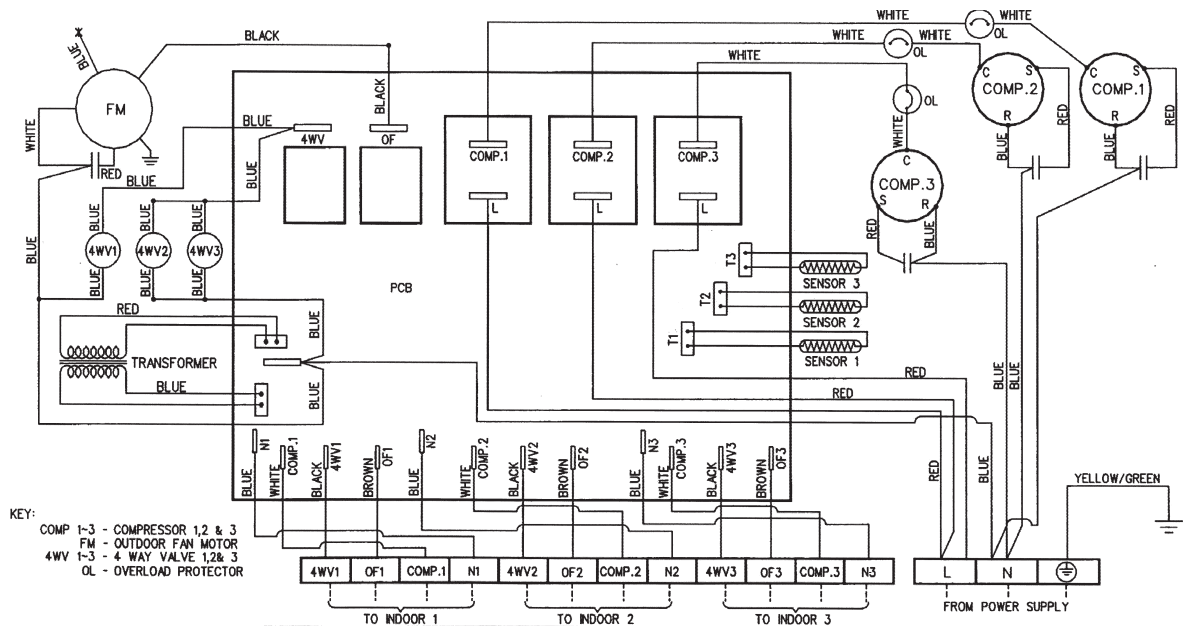


MODEL : AMSD 1520AR

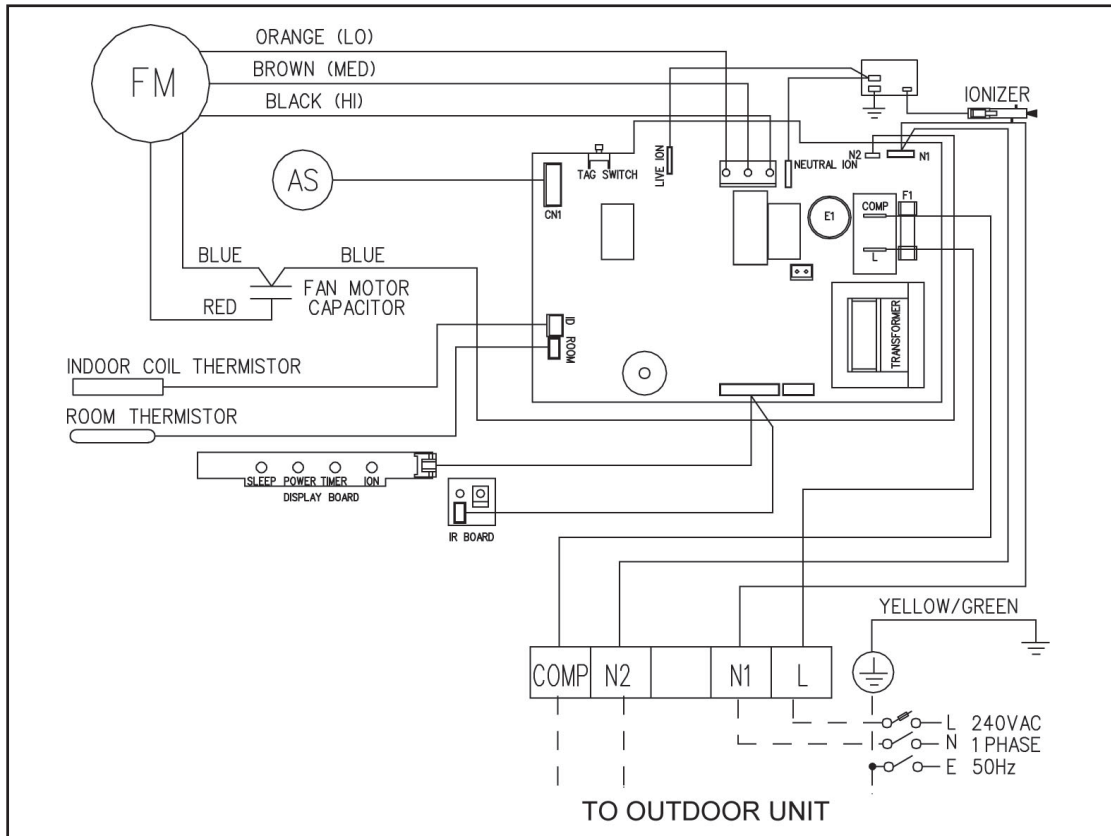


OUTDOOR UNIT - HEATPUMP

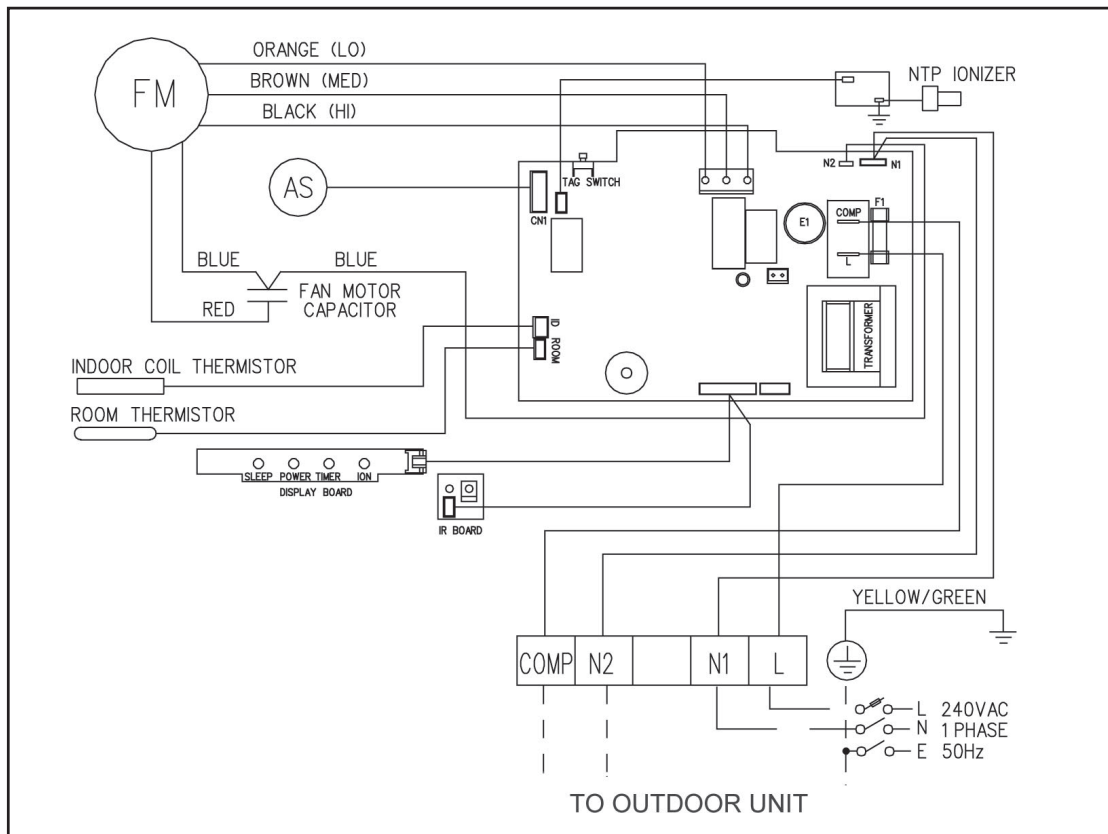
MODEL : AMST / A4MST 101010AR / 101015AR / 101515AR / 151515AR



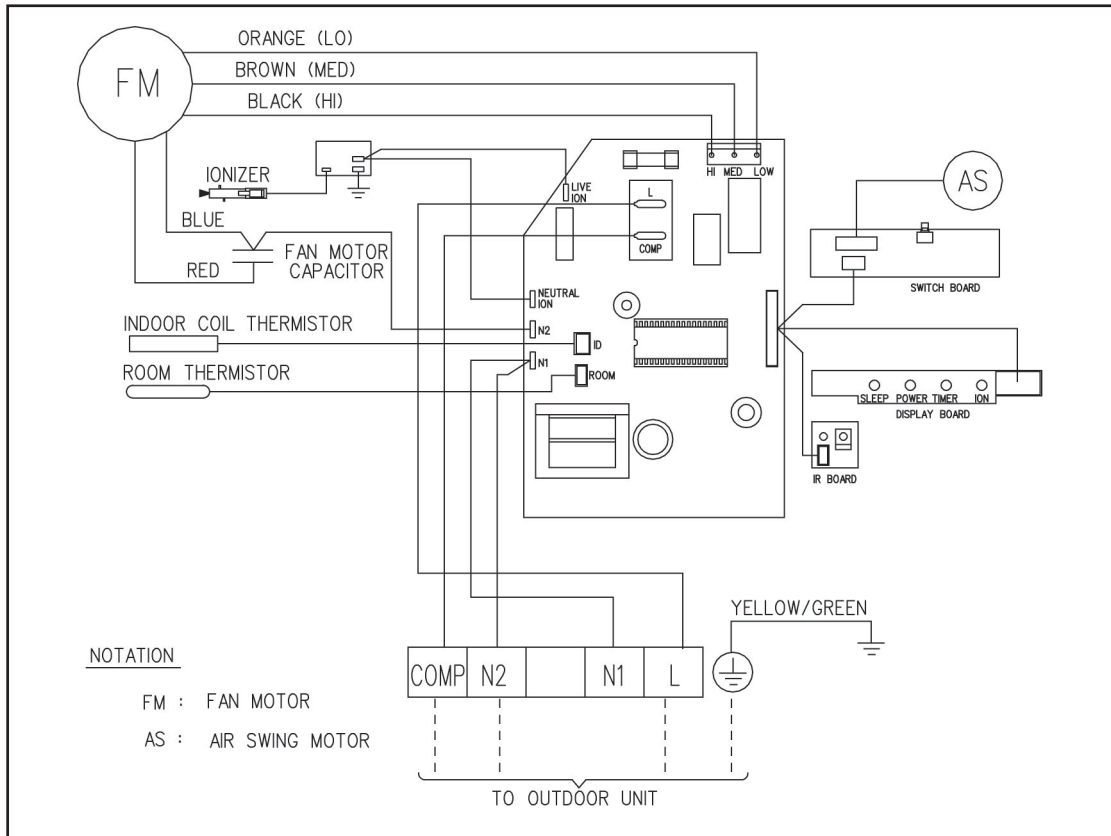
INDOOR UNIT - COOLING ONLY
MODEL : AWMS 10/15G (IONIZER)



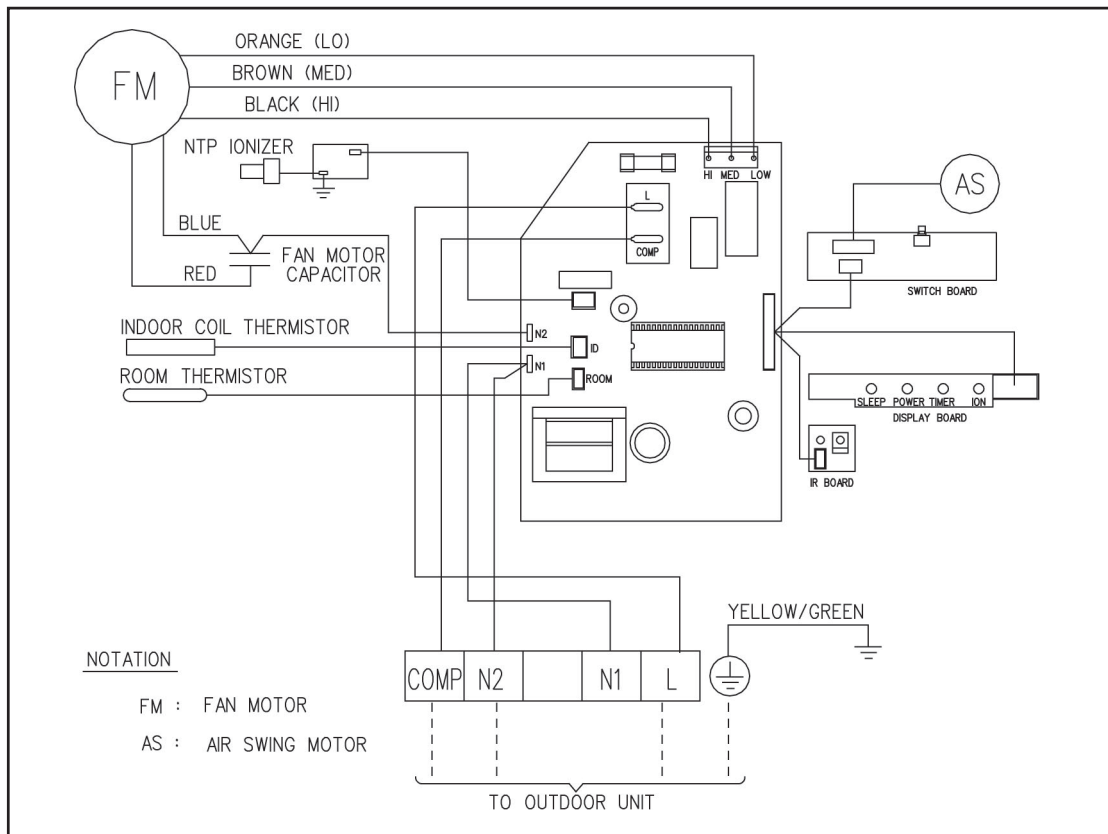
MODEL : AWMS 10/15G (NTP)



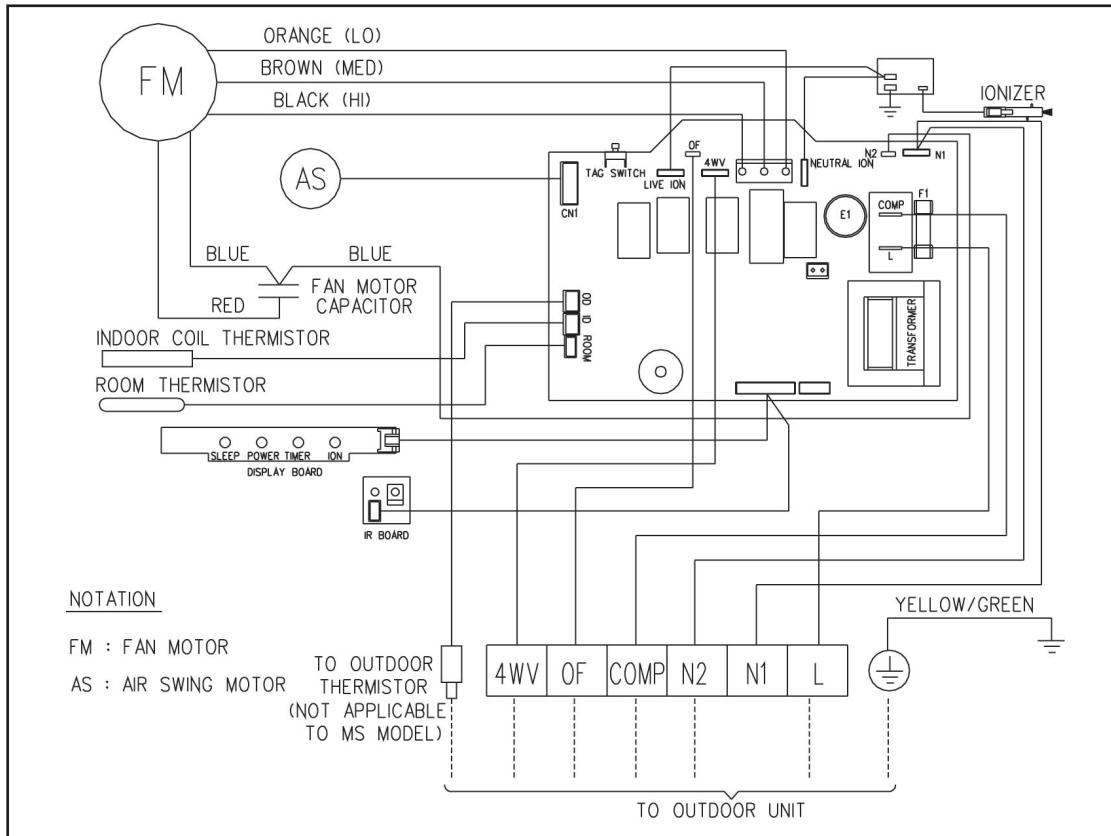
INDOOR UNIT - COOLING ONLY
MODEL : AWMS 20/25G (IONIZER)



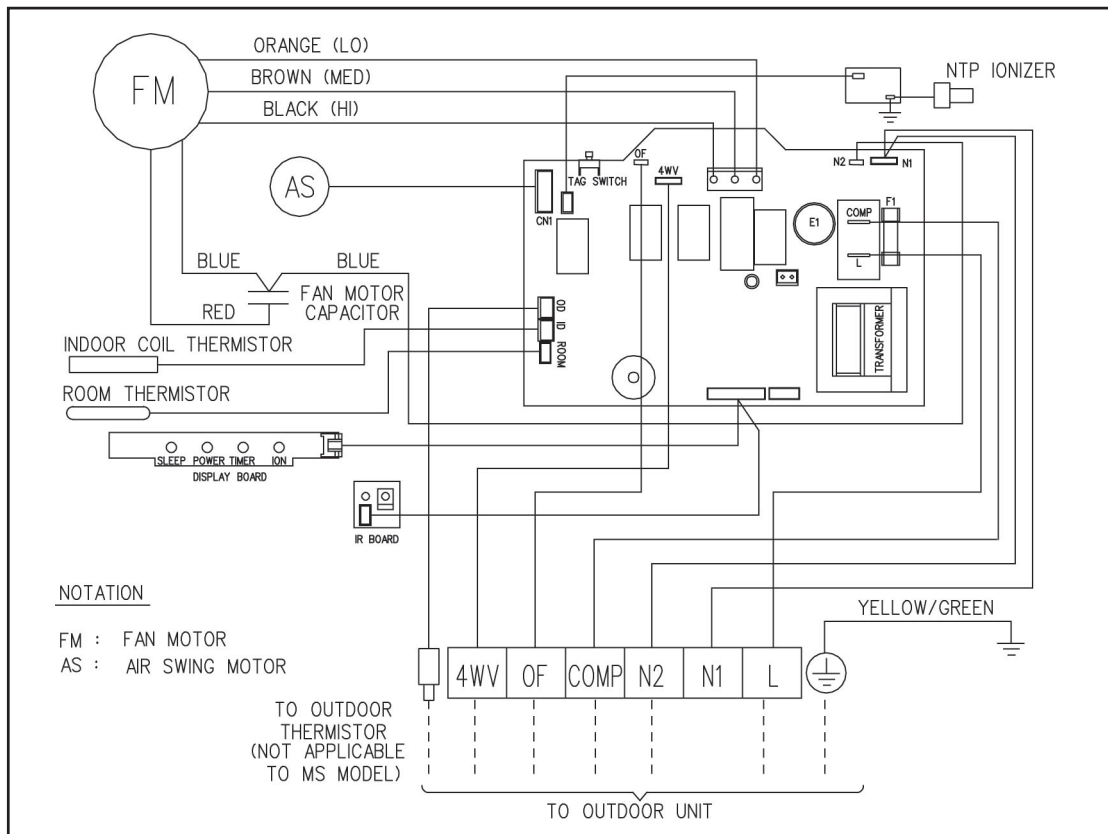
MODEL : AWMS 20/25G (NTP)



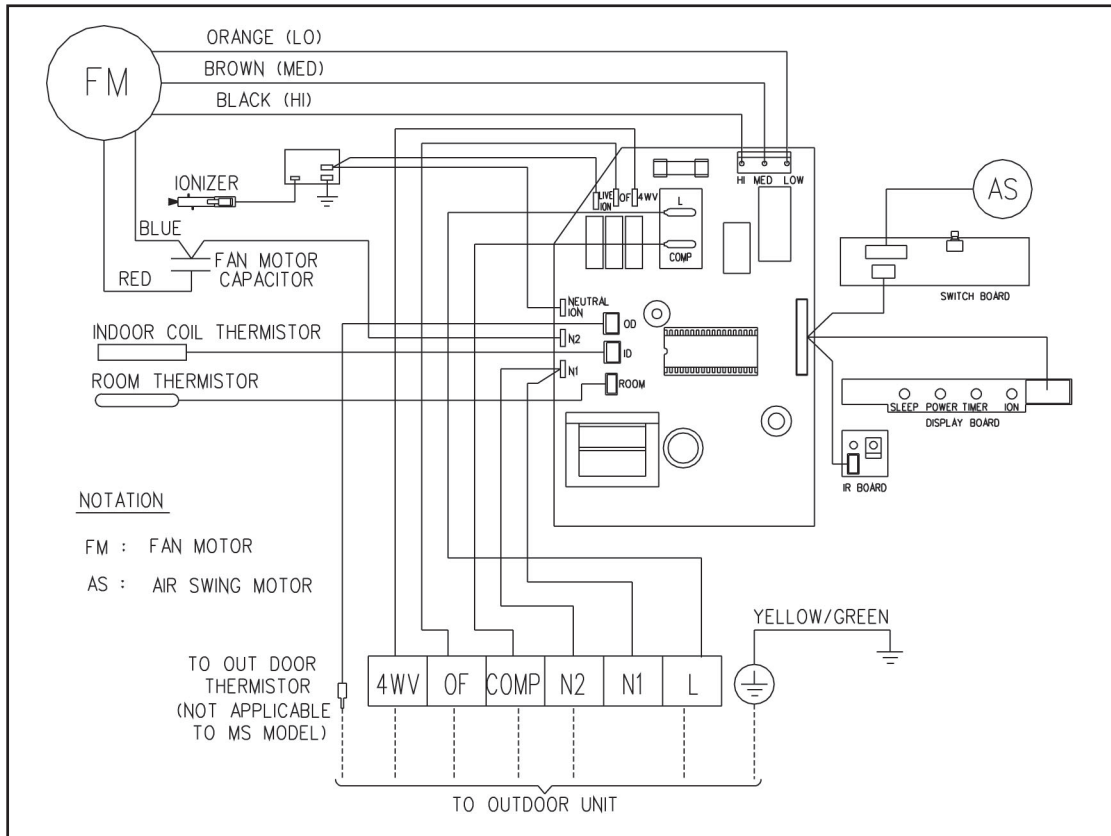
**INDOOR UNIT - HEATPUMP
MODEL : AWMS 10/15GR (IONIZER)**



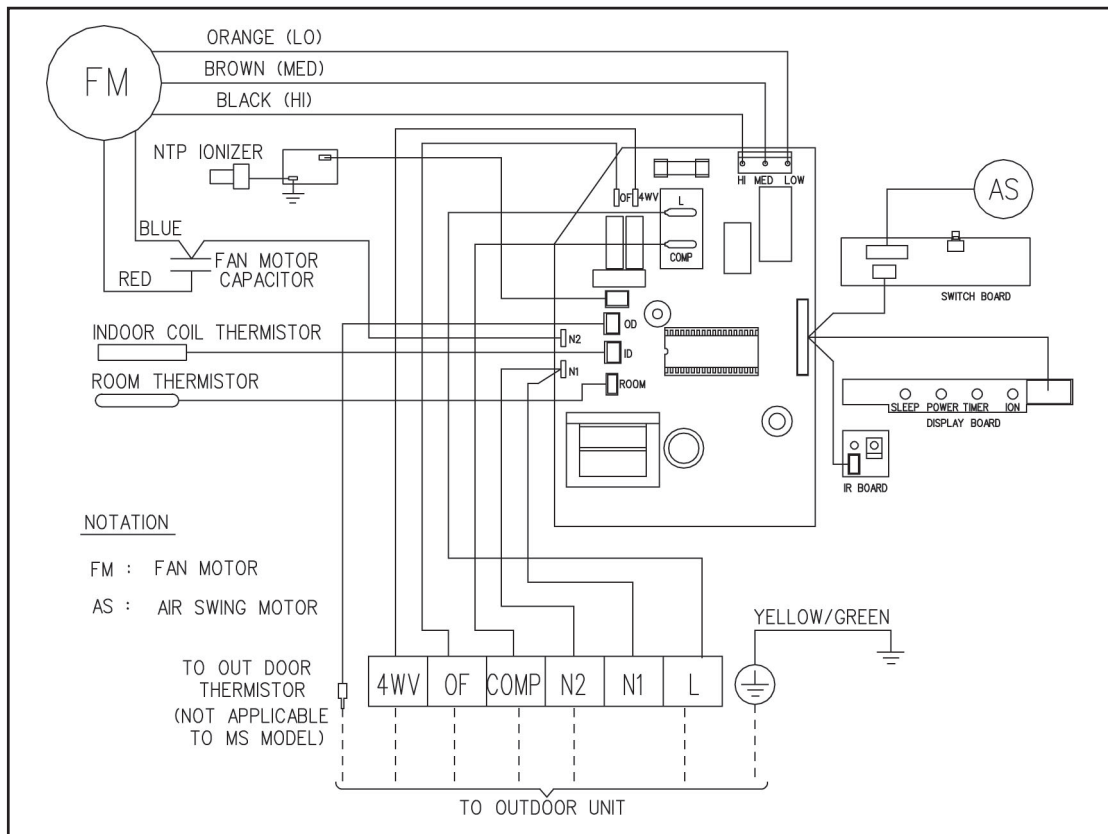
MODEL : AWMS 10/15GR (NTP)



**INDOOR UNIT - HEATPUMP
MODEL : AWMS 20/25GR (IONIZER)**

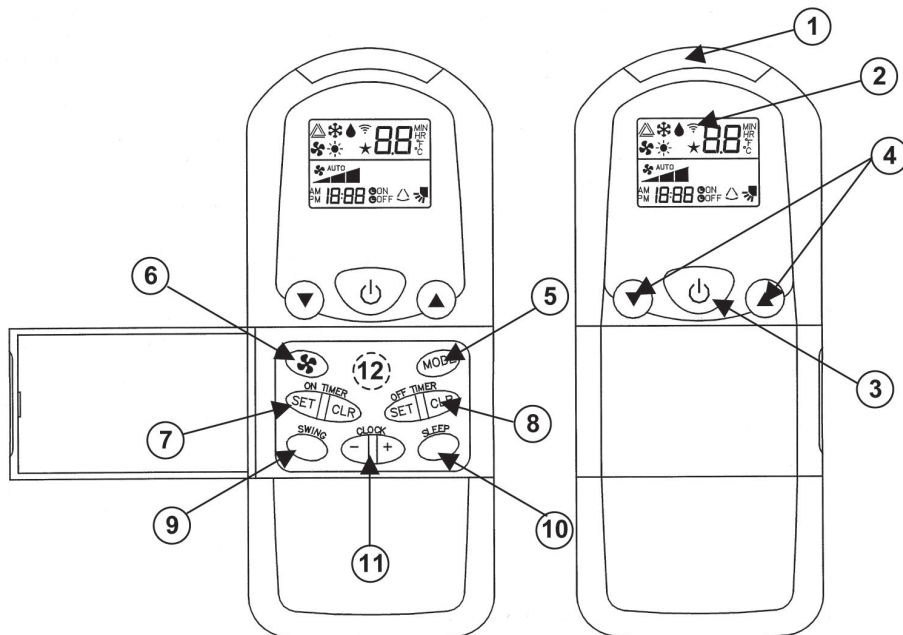


MODEL : AWMS 20/25GR (NTP)



8. CONTROLLERS

G8 REMOTE CONTROLLER



1. Transmission source

- The source where the signal will be transmitted.

2. Signal Transmission indication

- Blink to confirm the last setting has been send to the unit.

3. On/Off Button

- Press once to start the air conditioner.
- Press again to stop the unit.

4. Temperature setting

- To set the desired room temperature, press the button to increase or decrease the set temperature.
- The temperature setting range is from 16°C to 30°C (Optional setting 18°C to 30°C).
- Press both buttons simultaneously to toggle the temperature setting between °C and °F.

5. Operation mode

- Press the MODE button to select the type of operating mode.
- For cooling only unit, the available modes are : COOL, DRY & FAN.
- For heat pump unit, the available modes are : AUTO, COOL, DRY, FAN & HEAT.

6. Fan speed selection

- Press the button until the desired fan speed is achieved.

7. ON timer setting

- Press the SET button will activate the on timer function.
- Set the desired on time by pressing the SET button continuously. If the timer is set to 7.30am, the air conditioner will turn on at 7.30am sharp.
- Press the CLR button to cancel the on timer setting.

8. OFF timer setting

- Press the SET button will activate the off timer function.
- Set the desired off time by pressing the SET button continuously.
- Press the CLR button to cancel the off timer setting.

9. Automatic air swing

- Press the SWING button to activate the automatic air swing function.
- To distribute the air to a specific direction, press the SWING button and wait until the louver move to the desired direction and press the button once again.

10. Sleep mode setting

- Press the button to activate sleep mode. This function is available under COOL, HEAT & AUTO mode.
- When it is activated in COOL mode, the set temperature will be increased 0.5°C after 30mins, 1°C after 1 hour and 2°C after 2 hours.
- When it is activated in HEAT mode, the set temperature will be decreased 1°C after 30mins, 2°C after 1 hour and 3°C after 2 hours.

11. Clock time setting

- Press button + or - to increase or decrease the clock time.

12. Turbo function

- Press button for fast cooling or heating operation.
- The temperature will be increased internally if it is in the HEAT mode, decreased if in COOL or DRY mode. Fan speed will be increased if it is not at maximum speed.
- The temperature & fan speed will resume to user setting if the button is pressed again or after 20mins.
- Available under HEAT, COOL & DRY modes only.

G12 REMOTE CONTROLLER

Temperature Setting

- To set the desired room temperature, press the button to increase or decrease the set temperature.
- The temperature setting range is from 16°C to 30°C
- Press both buttons simultaneously to toggle the temperature setting between °C and °F

On/Off Button

- Press Once to start the air conditioner
- Press again to stop the unit

ON Timer Setting

- Press the SET button will activate the on timer function.
- Set the desired on time by pressing the SET button continuously.
- Press the CLR button to cancel the off timer setting

Fan Speed Selection

- Press the button until the desired fan speed is achieved.

Turbo Mode

- Press the TURBO button to achieve the required set temperature in a short time.

Automatic Air Awing

- Press the SWING button to activate the automatic air swing function.
- To distribute the air to a specific direction, press the SWING button and wait until the louver move to the desired direction and press the button once again.

Ionizer

- Press the button to activate the negative Ion function, which will refresh the indoor air effectively.

Personalised Setting

- Press and hold the button for 3s to initiate personalized setting.
- Set the individual setting e.g. MODE, SET TEMP or FAN SPEED and leave for 4s to save
- 2 groups of settings are allowed to stored in the handset

OFF Timer Setting

- Press the SET button will activate the off timer function.
- Set the desired off time by pressing the SET button continuously.
- Press the CLR button to cancel the off timer setting

Clock Time Setting

- Press button + or - to increase or decrease the clock time.

Sleep Mode

- Press the button to activate sleep mode. This function is available under COOL, HEAT & AUTO mode.
- When it is activated in COOL mode, the set temperature will be increased 0.5°C after 30mins, 1°C after 1 hour and 2°C after 2 hours.
- When it is activated in HEAT mode, the set temperature will be decreased 1°C after 30mins, 2°C after 1 hour and 3°C after 2 hours.

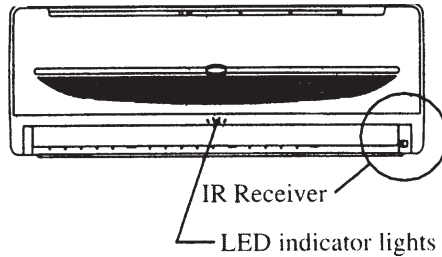
Operating Mode

- Press the MODE button to select the type of operating mode.
- For Cooling only unit, the available modes are: COOL, DRY & FAN.
- For Heatpump unit, the available modes are: AUTO, COOL, DRY, FAN & HEAT.

INDICATOR LIGHTS

IR signal receiver

When an operating signal is sent via the infrared remote control, the signal receiver in the indoor unit will make a beep sound signaling acceptance confirmation.































The table below shows the LED indicator lights for air conditioner unit under normal operation and fault condition. The LED indicator lights are located at the middle of the air conditioner unit.

The heat pump unit is equipped with an “auto” mode, whereby the unit will provide reasonable room temperature by switching the unit automatically to either “cool” mode or “heat” mode, according to the temperature setting set by the user.

LED Indicator Lights Display



LED Indicator Lights : Normal Operation And Faulty Indication Table

|  |  COOL/HEAT (GREEN/RED) |  |  | Normal Operation / Fault Indication | Action |
|---|--|---|---|--|------------------|
|  |  Green | |  | Cool mode | - |
|  |  Red | |  | Heat mode | - |
|  |   Red Green | | | Auto mode in heating operation | - |
|  |   Green Red | | | Auto mode in cooling operation | - |
| |  |  | | Timer on | - |
|  |  | | | Sleep mode on | - |
| |  | |  | Ionizer on | - |
| | |  | | Room air sensor contact Loose / Short Outdoor coil sensor contact Loose / Short | Call your dealer |
|  | |  | | Indoor coil sensor contact Loose / Short | Call your dealer |
| |  |  | | Compressor overload protection trip or gas leak | Call your dealer |
| |  Red | | | Defrost operation | - |

○ - ON

○/● - ON or OFF

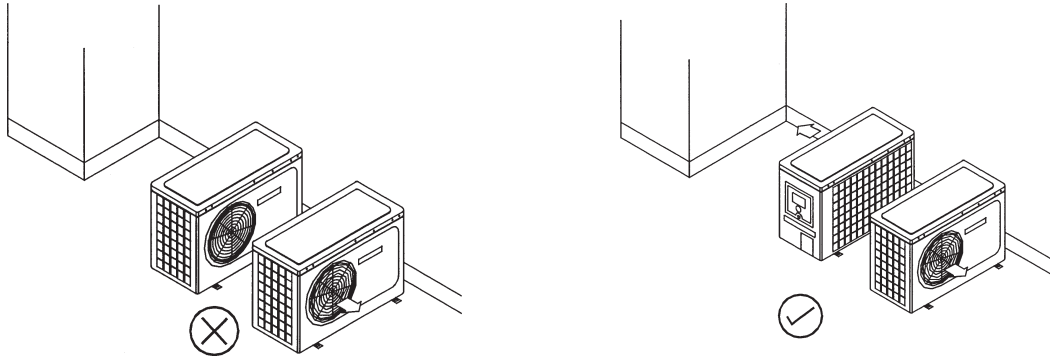
● - Blinking

9. PRECAUTION AND INSTALLATION

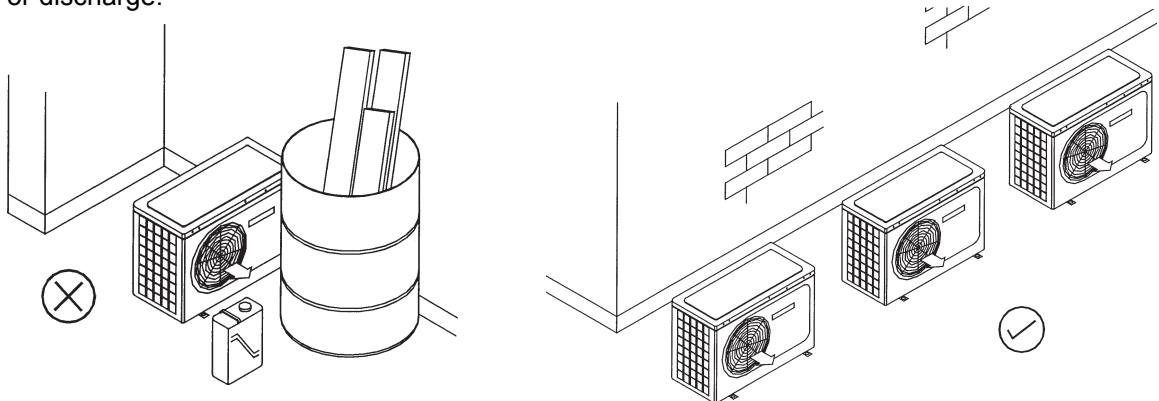
LOCATION FOR INSTALLATION OF THE CONDENSING UNITS

As condensing temperature rises, evaporating temperature rises and cooling capacity drops. In order to achieve maximum cooling capacity, the location selected for outdoor unit should fulfill the following requirements :

Install the condensing (outdoor) unit in a way such that hot air distributed by the outdoor condensing unit cannot be drawn in again (as in the case of short circuit of hot discharge air). Allow sufficient space for maintenance around the unit.



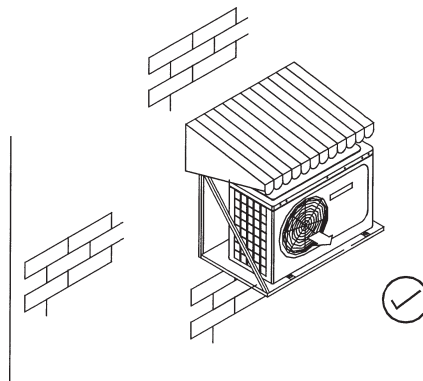
Ensure that there is no obstruction of air flow into or out of the unit. Remove obstacles which block air intake or discharge.



The location must be well ventilated, so that the unit can draw in and distribute plenty of air thus lowering the condensing temperature.

A place capable of bearing the weight of the outdoor unit and isolating noise and vibration.

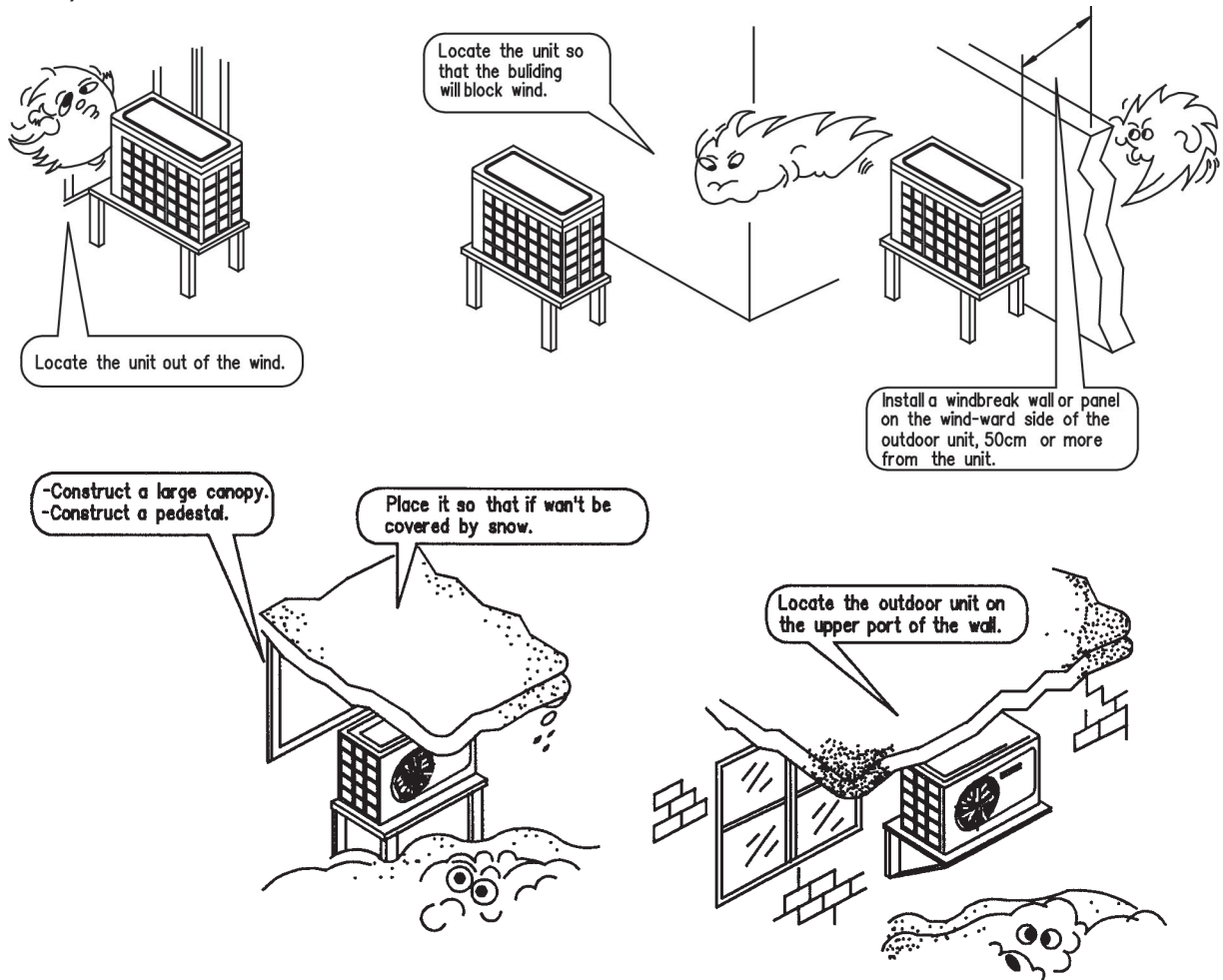
A place protected from direct sunlight. Otherwise use an awning for protection, if necessary.



The location must not be susceptible to dust or oil mist.

CAUTION : If the condensing unit is operated in an atmosphere containing oils (including machine oils), salt (coastal area), sulphide gas (near hot spring, oil refinery plant), such substances may lead to failure of the unit.

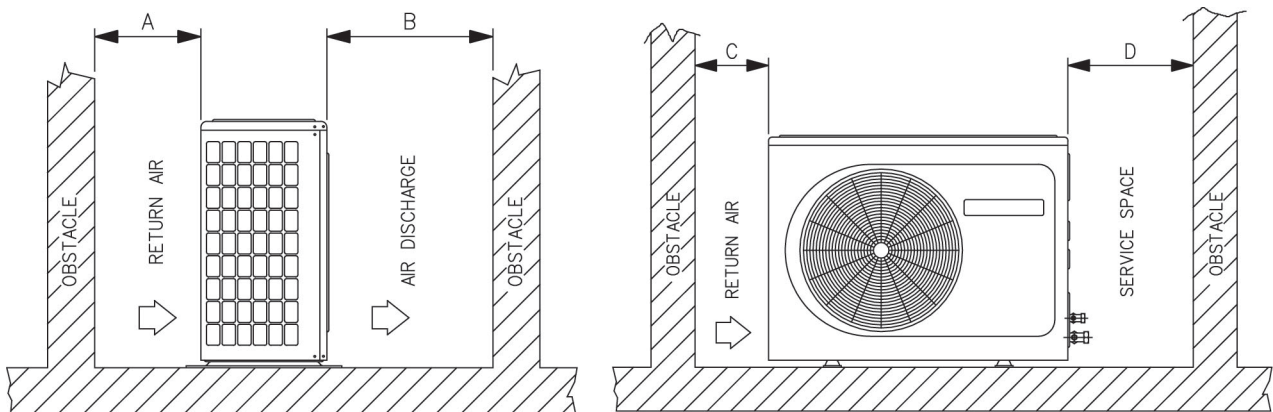
INSTALLATION IN ZONE EXPOSED TO STRONG WIND OR HIGH SNOW FALLS (FOR HEATPUMP MODEL)



INSTALLATION CLEARANCE

SINGLE CONDENSING UNIT INSTALLATION

Outdoor units must be installed such that there is no short circuit of the hot discharge air or obstruction to smooth air flow. Select the coolest possible place where intake air should not be hotter than the outside temperature (max. 45°C)



| All Models | A | B | C | D |
|------------------|--------|---------|--------|--------|
| Minimum Distance | 300 mm | 1000 mm | 300 mm | 500 mm |

NOTE :- (1) If any obstacle is higher than 2 m, or if there is any obstruction at the upper part of the unit, allow more space than indicated in the table above.

MAXIMUM PIPE LENGTH AND MAXIMUM NUMBER OF BENDS

When the pipe length becomes too long, both the capacity and reliability drop. As the number of bends increases, system piping resistance to the refrigerant flow increases, lowering the cooling capacity. As a result of this, the compressor may become defective. Always choose the shortest path and follow the recommendations as tabulated below :

| MODEL DATA | AMSD / A4MSD | | |
|----------------------|---------------|---------------|---------|
| | 1010A - 1515A | 1020A - 1520A | 2020A |
| Max. Length (L) m | 12 / 12 | 12 / 15 | 15 / 15 |
| Max. elevation (H) m | 5 / 5 | 5 / 8 | 8 / 8 |
| Max. No. of Bends | 10 / 10 | 10 / 10 | 10 / 10 |

| MODEL DATA | AMST / A4MST | AMST | |
|----------------------|----------------------|--------------|-------------------|
| | 101010A - 151515A/AR | 101020A | 101025A - 151525A |
| Max. Length (L) m | 12 / 12 / 12 | 12 / 12 / 15 | 12 / 12 / 15 |
| Max. elevation (H) m | 5 / 5 / 5 | 5 / 5 / 8 | 5 / 5 / 8 |
| Max. No. of Bends | 10 / 10 / 10 | 10 / 10 / 10 | 10 / 10 / 10 |

| Model | Circuitry | Max. Individual | *Max. Total | *Max. Length Difference | Max. Elevation | *Max. Height Difference | *Max. Number of bends |
|-------------|-----------|-----------------|-------------|-------------------------|----------------|-------------------------|-----------------------|
| | | L1 or L2 (m) | L1 + L2 (m) | L1 - L2 (m) | H (m) | H (m) | |
| AMSH8K8A | COMP. A | 12 | - | - | 5 | - | 10 |
| | COMP. B | 12 | - | - | 5 | - | 10 |
| AMSH8K66A | COMP. A | 12 / 12 | 20 | 8 | 5 | 7 | 10 |
| | COMP. B | 12 | - | - | 5 | - | 10 |
| AMSH66K66A | COMP. A | 12 / 12 | 20 | 8 | 5 | 7 | 10 |
| | COMP. B | 12 / 12 | 20 | 8 | 5 | 7 | 10 |
| AMSH66K555A | COMP. A | 12 / 12 | 20 | 8 | 5 | 7 | 10 |
| | COMP. B | 12 / 12 | 20 | 8 | 5 | 7 | 10 |

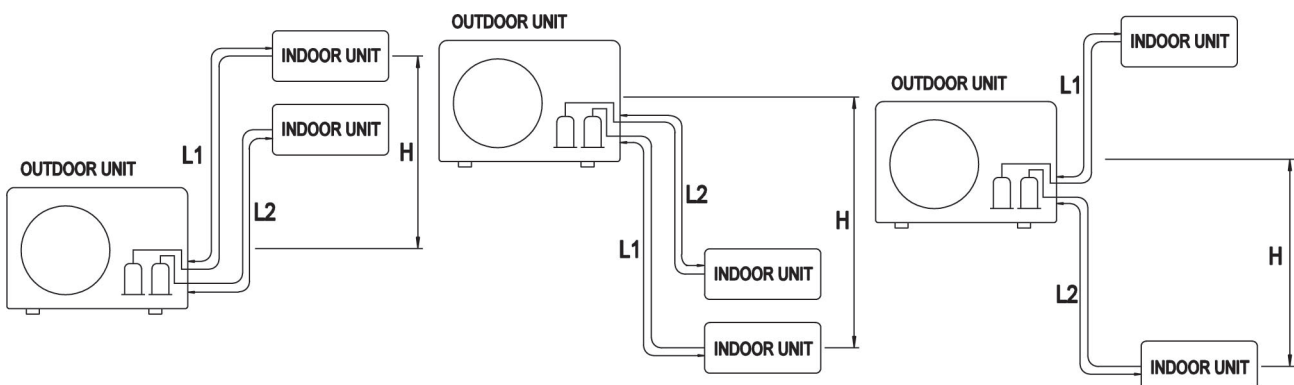
* For units sharing the same compressor only.

CAUTION :

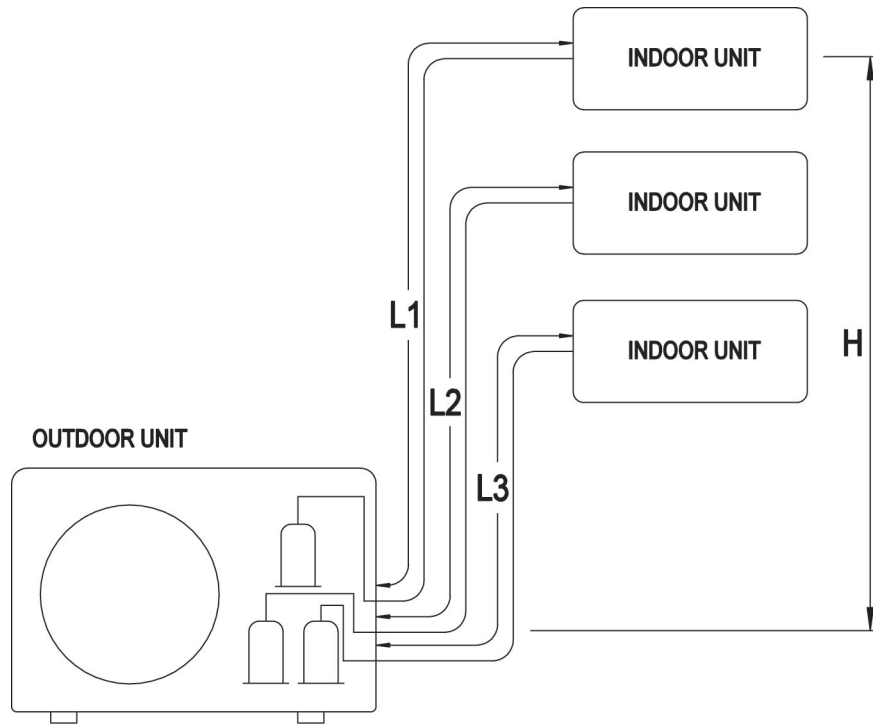
Our guarantee on the performance of our air-conditioners will be revoked if the height, length and/or the number of bends of the refrigerant piping system installed is beyond our recommended limit.

Bendings must be carefully made so as not to crush the pipe. Use a pipe bender to bend a pipe as far as possible.

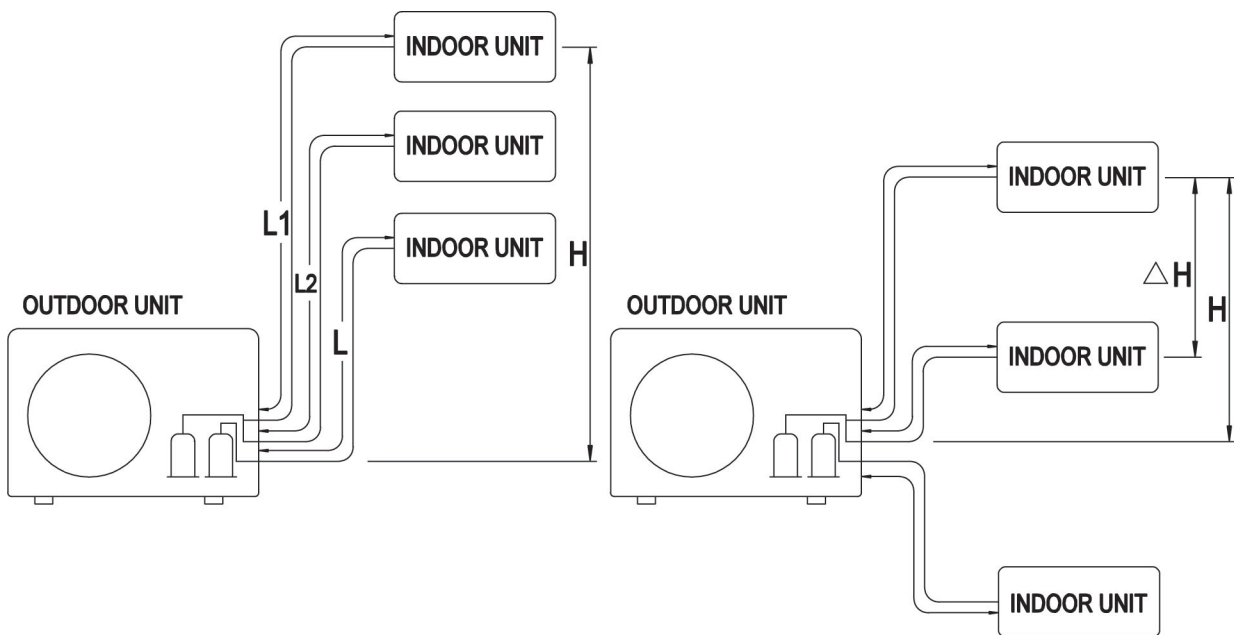
1) AMSD / A4MSD



2) AMST / A4MST

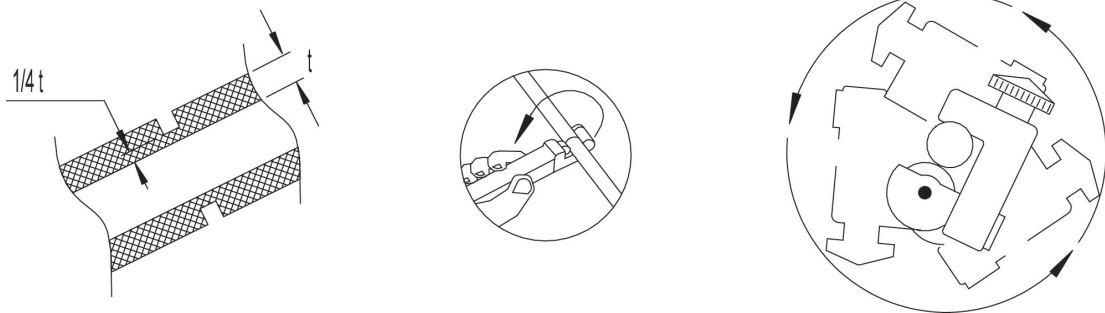


3) AMSH

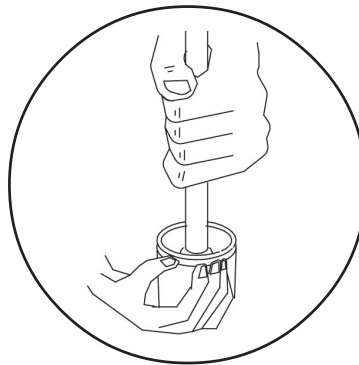


FLARING TECHNIQUE (FOR FLARE CONNECTION)

Cut the pipe stages by stages, advancing the blade of pipe cutter slowly. Extra force and a deep cut will cause more distortion of pipe and therefore, extra burr.

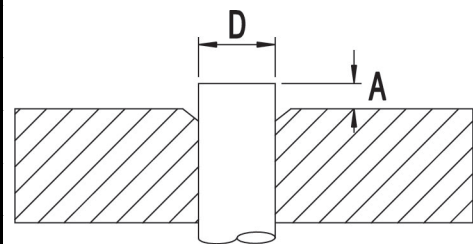


Remove burr with the burr remover. This will avoid unevenness on the flare face which will cause gas leak. Hold the flaring end down to prevent burr from dropping inside pipe.



The exact length of pipe protruding from the face of the flare die is determined by the flaring tool. The table shows the use of an imperial die and rigid die.

| PIPE Ø (MM) | A(MM) | |
|--------------|--------------|-----------|
| | IMPERIAL DIE | RIGED DIE |
| 6.35 (1/4") | 1.3 | 0.7 |
| 9.52 (3/8") | 1.6 | 1 |
| 12.7 (1/2") | 1.9 | 1.3 |
| 15.88 (5/8") | 2.2 | 1.7 |



Fix the pipe firmly on the flare die. Match the centers of both the flare die and the flaring punch. Tighten flaring punch fully.

VACUUMING AND CHARGING

The pre-charged outdoor unit does not need any vacuuming or charging. However once it is connected, the connecting pipe line and the indoor need to be vacuumed before releasing the R22 from the outdoor unit.

- 1) Open the service port core cap.
- 2) Connect pressure gauge to the service port.
- 3) Connect the line to vacuum pump. Open the charging manifold valve and turn the pump on (Diagram 1).
Evacuation time varies by the capacity of the pump but within 1 hour.
- 4) Repeat step 1 to step 3 for every indoor with respect to the correct pair of flare valve.
- 5) After evacuation, unscrew the spindle (diagram 2B) for the gas to run to indoor unit.

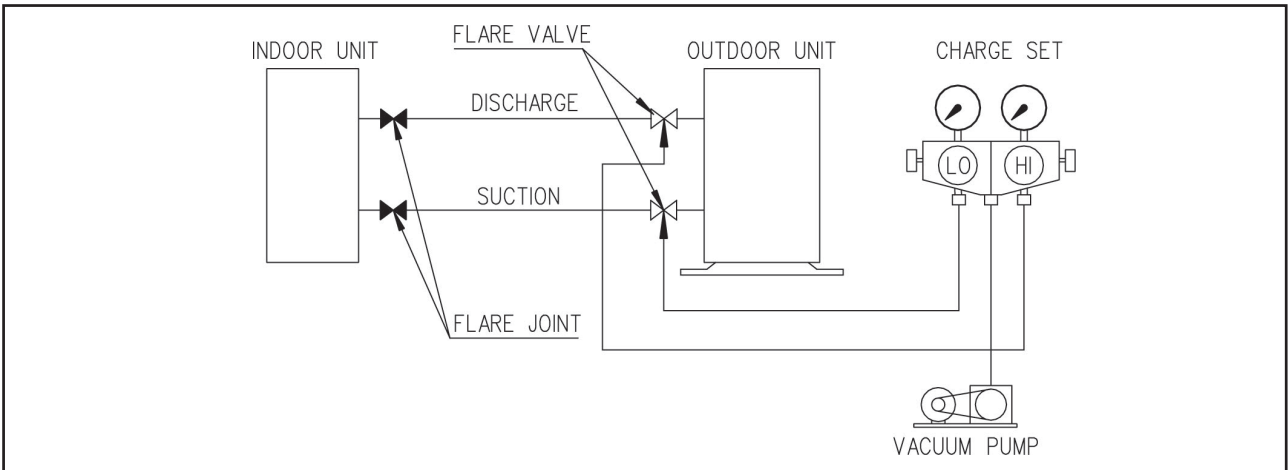


Diagram 1

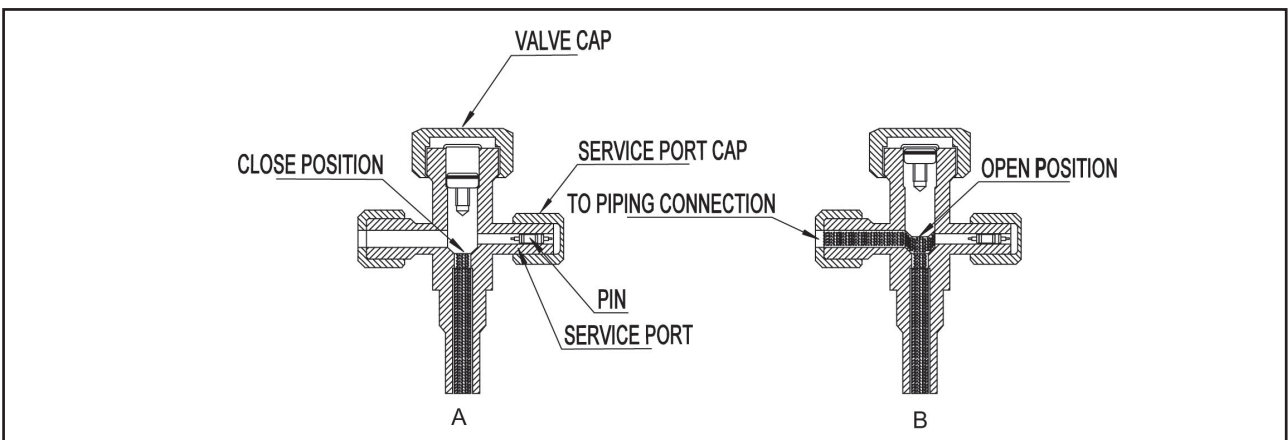


Diagram 2

ADDITIONAL CHARGE (FOR FLARE CONNECTION)

The refrigerant gas is charged in the outdoor unit and, if the piping length to every indoor is 7.62m, additional charge of the refrigerant after vacuuming is not necessary.

When the piping length to every indoor is more than 7.62m, please add 15g of refrigerant for every addition of 1m pipe length.

Diagram 3 shows typical charging method.

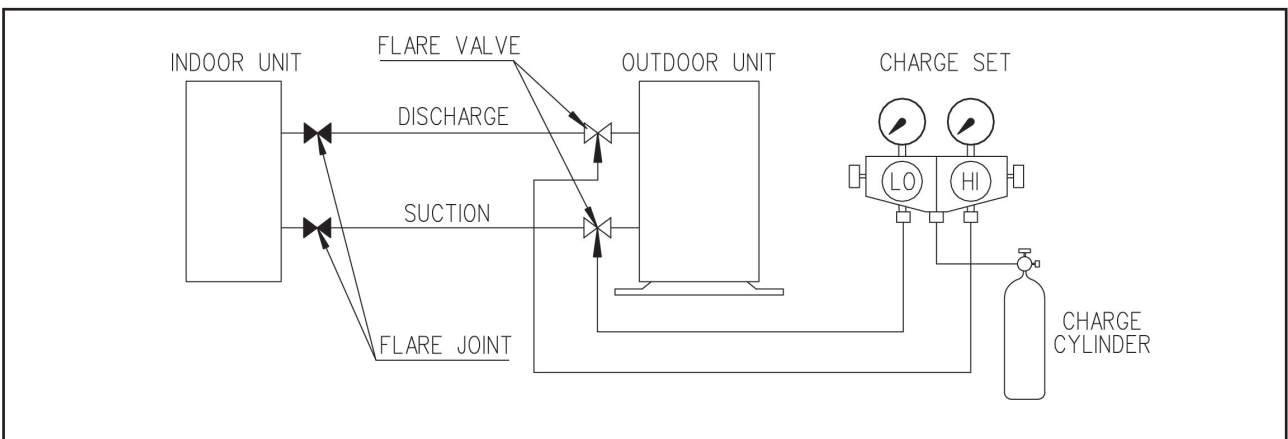


Diagram 3

SPECIAL PRECAUTIONS WHEN DEALING WITH REFRIGERANT R407C UNIT

1) WHAT IS NEW REFRIGERANT R407C?

R407C is a zeotropic refrigerant mixture which has Zero Ozone Depletion Potential (ODP = 0) and thus conformed to the Montreal Protocol regulation. It requires Polyol-ester oil (POE) oil for its compressor's lubricant. Its refrigerant capacity and performance are about the same as the refrigerant R22.

2) COMPONENTS

Mixture weight composition R32(23%), R125(25%), R134a(52%)

3) CHARACTERISTIC

- R407C liquid and vapor components have different compositions when the fluid evaporates or condenses. Hence, when leak occurs and only vapor leaks out, the composition of the refrigerant mixture left in the system will change and subsequently affect the system performance. **DO NOT** add new refrigerant to leaked system. It is recommended that the system should be evacuated thoroughly before recharging with R407C.
- When refrigerant R407C is used, the composition will differ depending on whether it is in gaseous or liquid phase. Hence when charging R407C, ensure that only liquid is being withdrawn from the cylinder or can. This is to make certain that only original composition of R407C is being charged into the system.
- POE oil is used as lubricant for R407C compressor, which is different from the mineral oil used for R22 compressor. Extra precaution must be taken not to expose the R407C system too long to moist air.

4) CHECK LIST BEFORE INSTALLATION/SERVICING

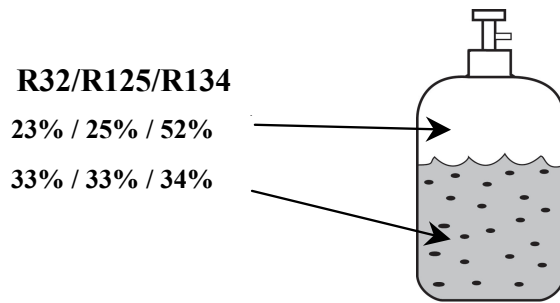
- Tubing
Refrigerant R407C is more easily affected by dust of moisture compared with R22, make sure to temporarily cover the ends of the tubing prior to installation
- Compressor oil
No additional charge of compressor oil is permitted.
- Refrigerant
No other refrigerant other than R407C
- Tools
Tools specifically for R407C only (must not be used for R22 or other refrigerant)
 - i) Gauge manifold and charging hose
 - ii) Gas leak detector
 - iii) Refrigerant cylinder/charging cylinder
 - iv) Vacuum pump c/w adapter
 - v) Flare tools
 - vi) Refrigerant recovery machine

5) HANDLING AND INSTALLATION GUIDELINES

Like R22 system, the handling and installation of R407C system are closely similar. All precautionary measures; such as ensuring no moisture, no dirt or chips in the system, clean brazing using nitrogen, and thorough leak check and vacuuming are equally important requirements. However, due to zeotropic nature of R407C and its hygroscopic POE oil, additional precautions must be taken to ensure optimum and trouble free system operation.

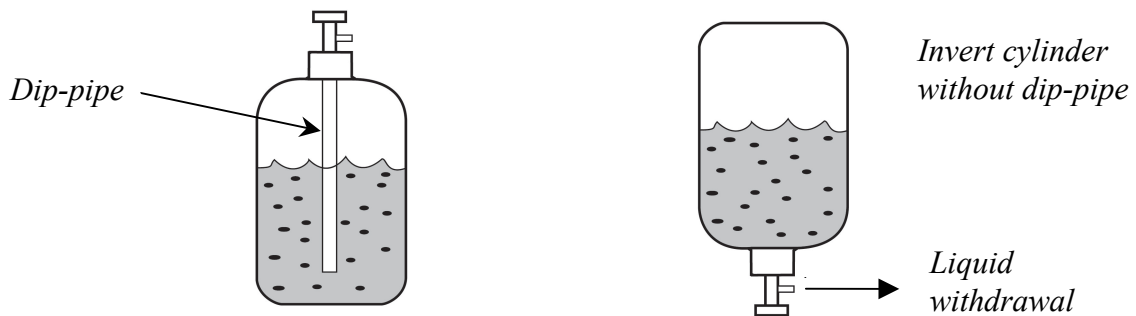
- a) Filter dryer must be installed along the liquid line for all R407C air conditioners. This is to minimise the contamination of moisture and dirt in the refrigerant system. Filter dryer must be of molecular sieve type. For a heat pump system, install a two-way flow filter dryer along the liquid line.
- b) During installation or servicing, avoid prolonged exposure of the internal part of the refrigerant system to moist air. Residual POE oil in the piping and components can absorb moisture from the air.

- c) Ensure that the compressor is not exposed to open air for more than the recommended time specified by its manufacturer (typically less than 10 minutes). Remove the seal plugs only when the compressor is about to be brazed.
- d) The system should be thoroughly vacuumed to 1.0 Pa (700mmHg) or lower. This vacuuming level is more stringent than R22 system so as to ensure no incompressible gas and moisture in the system.
- e) When charging R407C, ensure that only liquid is being withdrawn from the cylinder or can. This is to ensure that only the original composition of R407C is being delivered into the system. The liquid composition can be different from the vapor composition.



Composition of R407C in vapour phase is different from liquid phase.

- f) Normally, the R407C cylinder or can is being equipped with a dip pipe for liquid withdrawal. However, if the dip pipe is not available, invert the cylinder or can so as to withdraw liquid from the valve at the bottom.



- g) When servicing leak, the top up method, commonly practiced for R22 system, is not recommended for R407C system. Unlike R22 where the refrigerant is of a single component, the composition of R407C, which made up of three different components, may have changed during the leak. Consequently, a top up may not ensure that the R407C in the system is of original composition. This composition shift may adversely affect the system performance. It is recommended that the system should be evacuated thoroughly before recharging with R407C.

ELECTRICAL CONNECTIONS

Wiring regulations on wire diameters differ from country to country. Please refer to your LOCAL ELECTRICAL CODES for field wiring rules. Be sure that installation comply with such rules and regulations.

GENERAL PRECAUTIONS

Ensure that the rated voltage of the unit corresponds to the name plate before carrying out proper wiring according to the wiring diagram.

Provide a power outlet to be used exclusively for each unit. A power supply disconnect and a circuit breaker for over current protection should be provided in the exclusive line.

All wiring must be firmly connected.

All wiring must not touch the refrigerant piping, compressor or any moving parts of fan motors.

OPERATIONAL CHECK

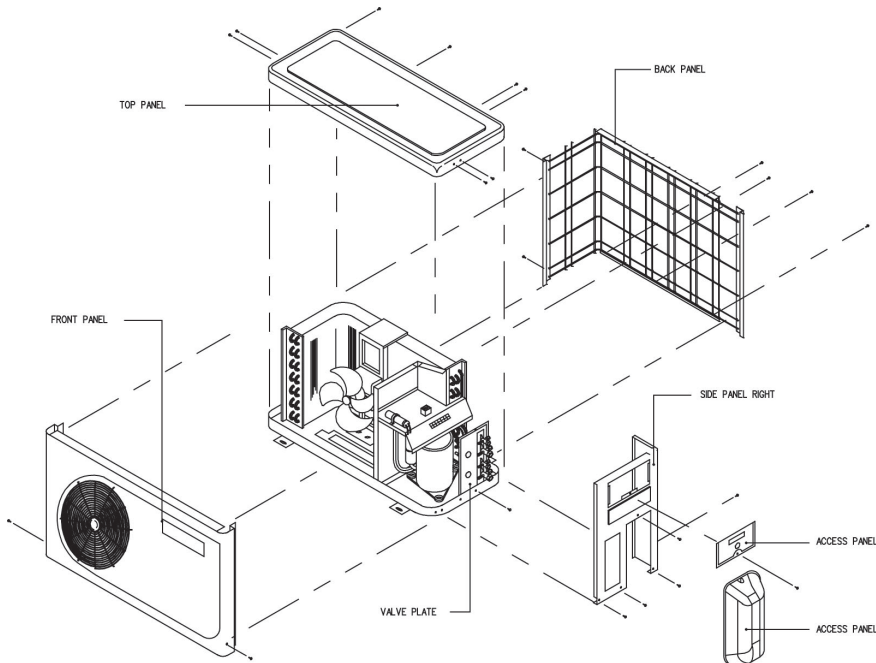
After all wiring is completed and the system is charged with refrigerant, make sure that unit is operating properly. Check that :

- Condenser fan is running, with warm air blowing off the condensing unit.
- Evaporator blowers are running and discharging cool air.
- The micro-computer system incorporate a 3-minute delay in the circuitry. Thus, it requires about 3 minutes upon cut off before the outdoor condensing unit can start up.
- To check if there is any miswiring, turn on one unit at a time.
- After running for 10-15 minutes. Check if the suction (low side) pressure is within normal operating range.

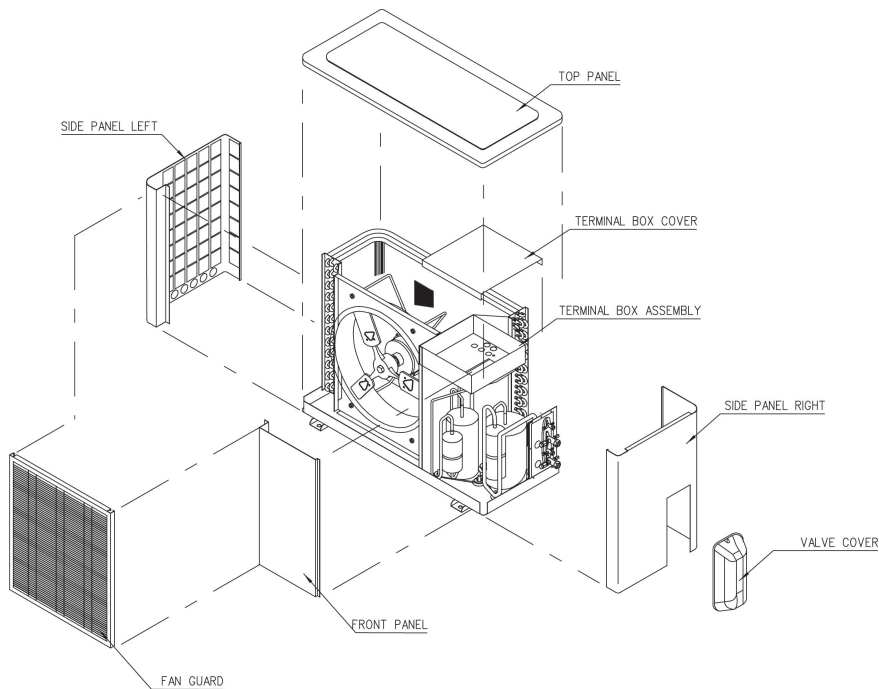
10. SERVICING AND MAINTENANCE

The design of the A(4)MSD, A(4)MST, and AMSH outdoor series allows servicing to be carried out readily and easily. The removal of the top, side, front, and back panel make almost every part accessible.

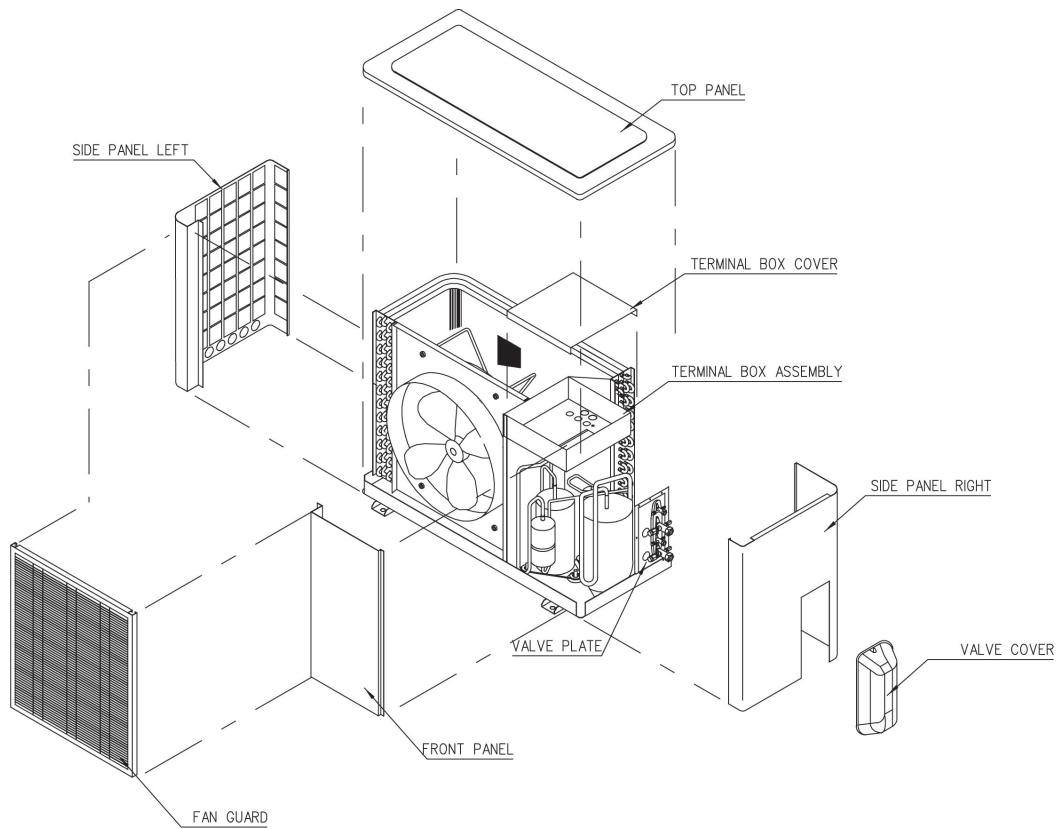
MODEL : Cooling - AMSD/A4MSD 1010 / 1015 / 1515 A
Heatpump - AMSD/A4MSD 1010 / 1015 / 1515 AR
Cooling - AMSH 8K8 / 8K66 / 66K66 / 66K555 / K77 A



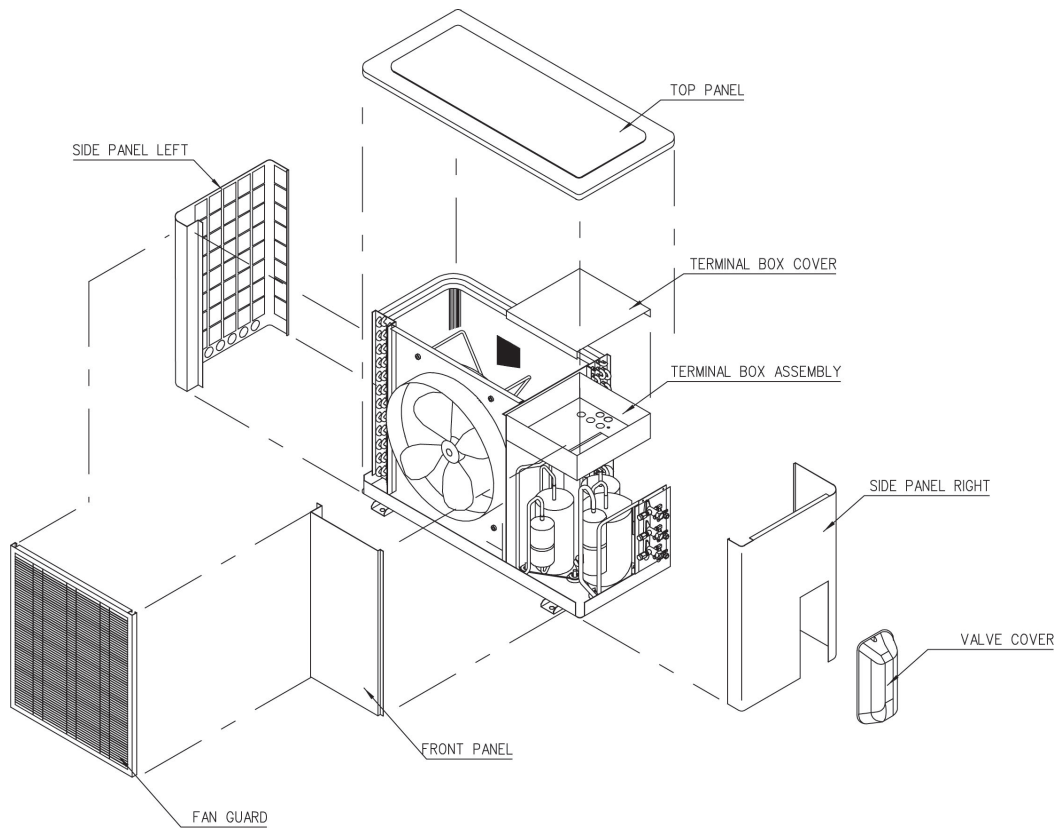
MODEL : Cooling - AMSD1020 / 1520A
Heatpump - AMSD1520AR



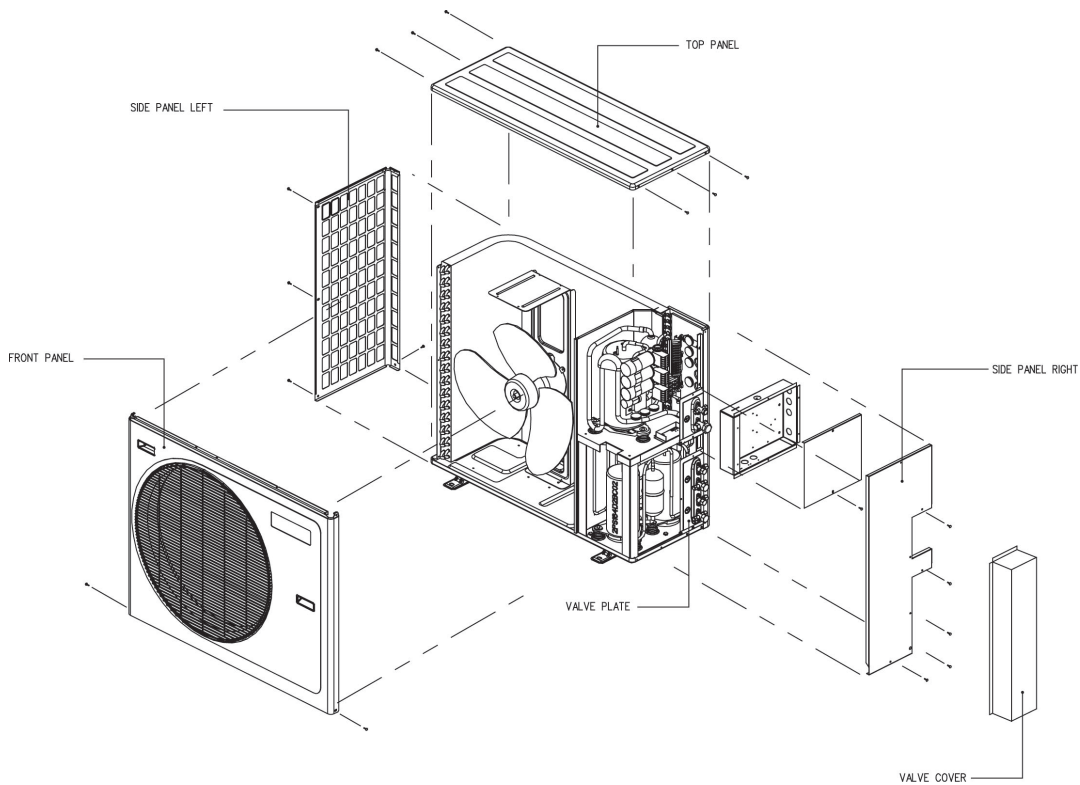
MODEL : AMSD 2020A



**MODEL : AMST 101010 / 101015 / 101515 / 151515 A/AR, AMST 101020A
A4MST 101010 / 101015 / 101515 / 151515 A/AR**



MODEL : AMST 101025 / 101525 / 151525 A



Under normal circumstance, these outdoor units require a check and cleaning of air intake coil surface once quarterly. However, if a unit is installed in areas subjected to much oil mist and dust, the coils must be regularly cleaned by qualified Air Conditioner Service Technicians to ensure sufficient heat exchange and proper operation. Otherwise, the system's life span may be shortened.

CAUTION!

Do not charge OXYGEN, ACETYLENE OR OTHER FLAMMABLE and poisonous gases into the unit when performing a leakage test or an airtight test. These gases could cause severe explosion and damage if exposed to high temperatures and pressures.

It is recommended that only nitrogen or refrigerant be charged when performing the leakage or airtight test.

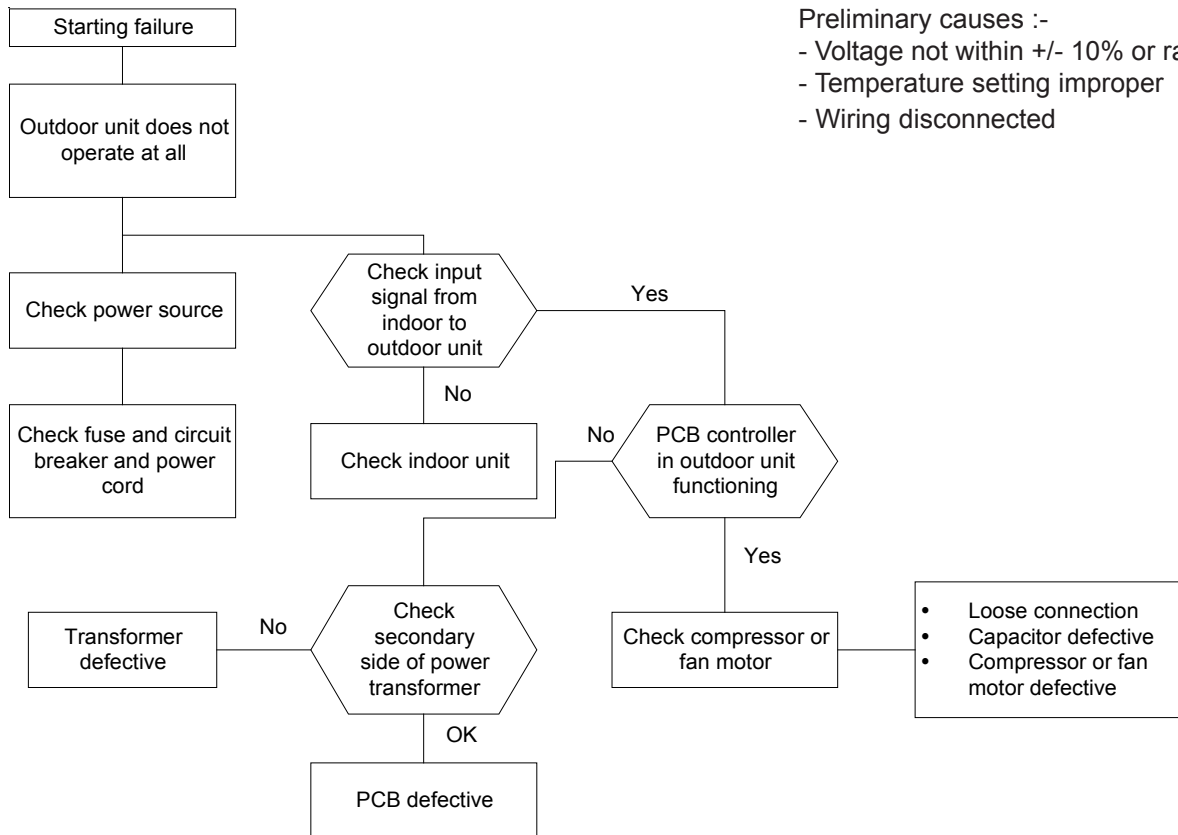
11. TROUBLESHOOTING

When any air conditioner malfunction is noted, immediately switch off the power supply to the unit and contact the local dealer, if necessary. Some simple troubleshooting tips are given below :

| TROUBLE | PROBABLE CAUSE | SUGGESTED ACTION |
|---|---|--|
| 1. Fan does not work | <ol style="list-style-type: none"> 1. No power supply 2. Fan capacitor faulty 3. Fan motor faulty 4. Switch faulty | <ol style="list-style-type: none"> 1. Check power supply 2. Contact local dealer 3. Contact local dealer 4. Change switch |
| 2. Fan works, but compressor does not work | <ol style="list-style-type: none"> 1. Thermostat setting too high 2. Compressor capacitor faulty 3. Compressor faulty 4. Compressor contactor faulty | <ol style="list-style-type: none"> 1. Reset thermostat 2. Contact local dealer 3. Contact local dealer 4. Contact local dealer |
| 3. Both fan and compressor does not work | <ol style="list-style-type: none"> 1. Power failure 2. Starter trip 3. Fuse blown in power switch or operating unit | <ol style="list-style-type: none"> 1. Operate when power supply resume 2. Reset starter 3. Check and replace fuse |
| 4. Air-Conditioner works but cooling not satisfactory | <ol style="list-style-type: none"> 1. Thermostat setting too high 2. Door and/or windows not closed 3. Condenser coil dirty 4. Some objects blocking the inlet and/or outlet of the unit 5. Refrigerant charge too low | <ol style="list-style-type: none"> 1. Reset thermostat 2. Close door and/or windows 3. Clean condenser coil 4. Remove the objects 5. Contact local dealer |

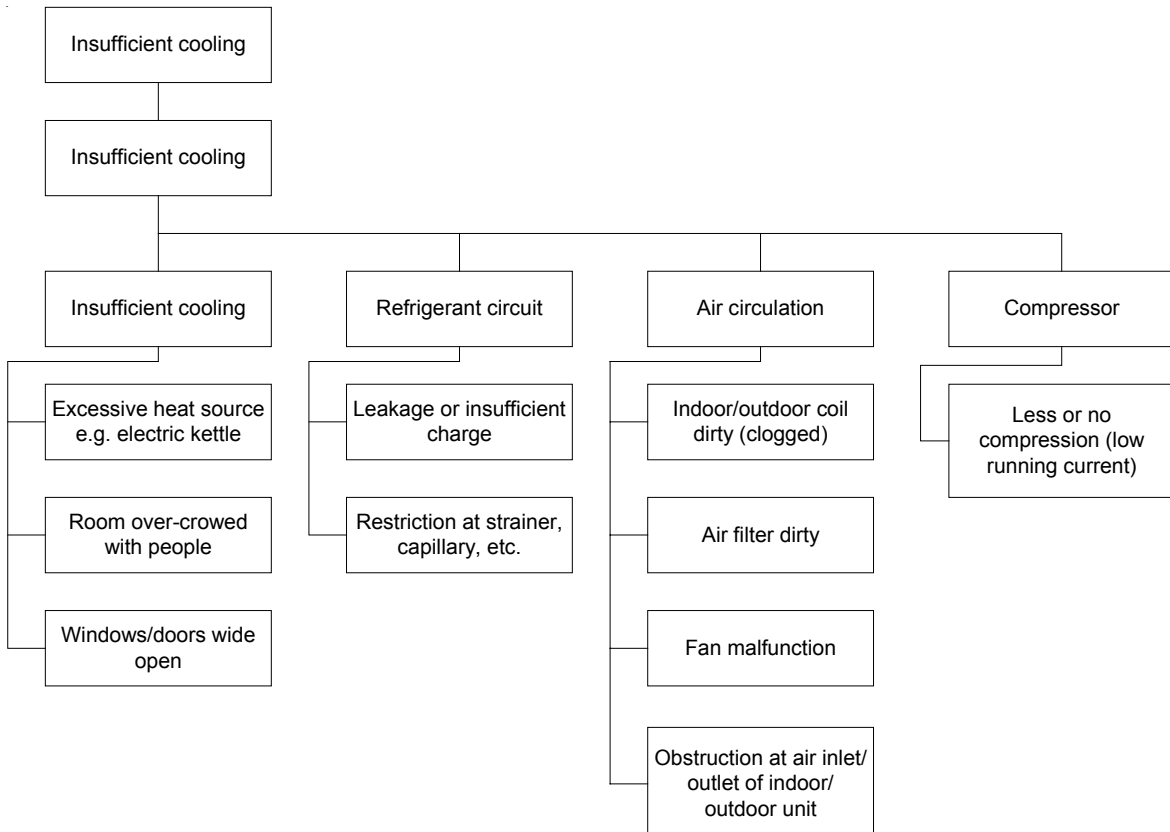
Generally, there are two kinds of common problems, i.e. starting failure and insufficient cooling. "Starting failure" is caused by electrical defect while "insufficient cooling" is caused by improper application or defects in refrigerant circuit.

DIAGNOSIS OF STARTING FAILURE



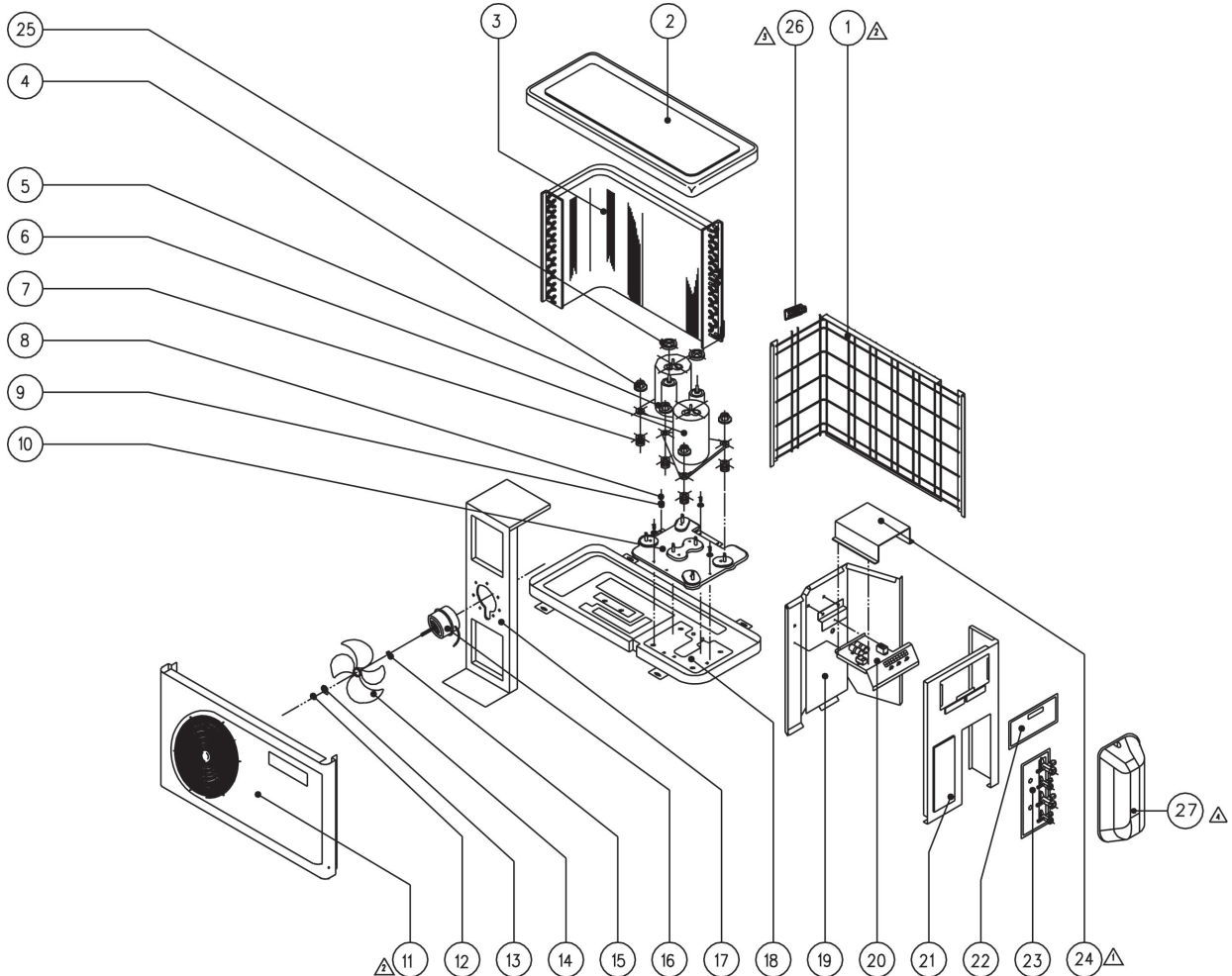
- Preliminary causes :-
- Voltage not within +/- 10% or rated
 - Temperature setting improper
 - Wiring disconnected

DIAGNOSIS OF INSUFFICIENT COOLING



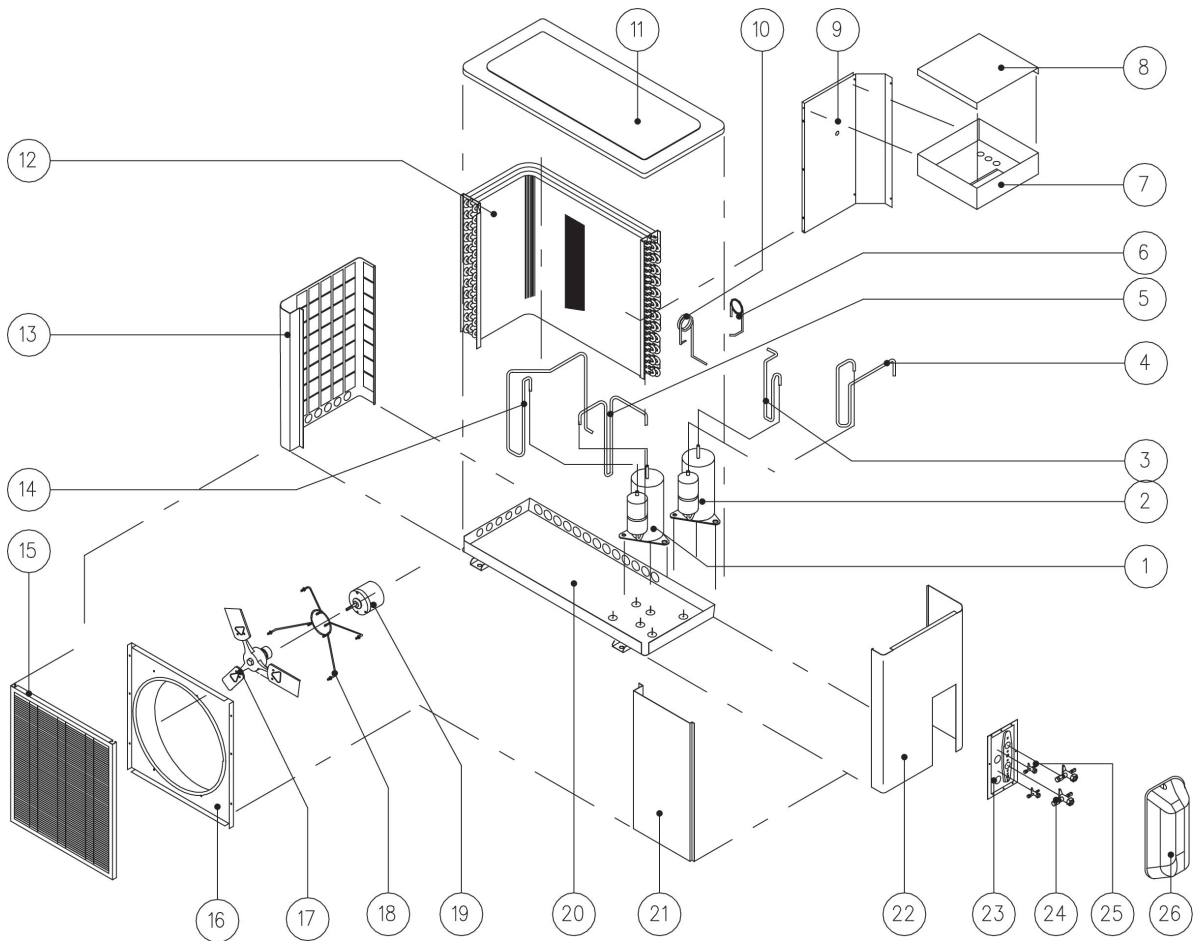
12. PART LIST

MODEL : AMSD / A4MSD 1010 / 1015 / 1515 A/AR



- | | |
|--|--|
| 1. ASSEMBLY, PANEL BACK | 15. WASHER, RING |
| 2. ASSEMBLY, PANEL TOP | 16. MOTOR, FAN |
| 3. ASSEMBLY, CONDENSER COIL | 17. BRACKET, FAN MOTOR |
| 4. NUT, M8 WITH WASHER | 18. ASSEMBLY, BASE PAN |
| 5. ROTARY COMPRESSOR 2 (1.0 HP) (2PS164D2BCO2) | 19. ASSEMBLY, PARTITION |
| 6. ROTARY COMPRESSOR 1 (1.0 HP) (2PS164D2BCO2) | 20. ASSEMBLY, PANEL TERMINAL BOX |
| 7. GROMMET, RUBBER | 21. ASSEMBLY, PANEL SIDE |
| 8. SCREW, TRUSS HEAD PHILIP | 22. ASSEMBLY, PANEL ACCESS |
| 9. WASHER, SPRING | 23. ASSEMBLY, FLARE VALVE MOUNTING PLATE |
| 10. ASSEMBLY, MOUNTING PLATE | 24. COVER, TERMINAL BOX |
| 11. ASSEMBLY, PANEL FRONT | 25. DAMPER, RUBBER |
| 12. HEX. NUT $\frac{3}{8}$ " | 26. HANDLING HANDLE |
| 13. WASHER, SQUARE | 27. VALVE COVER |
| 14. FAN BLADE | |

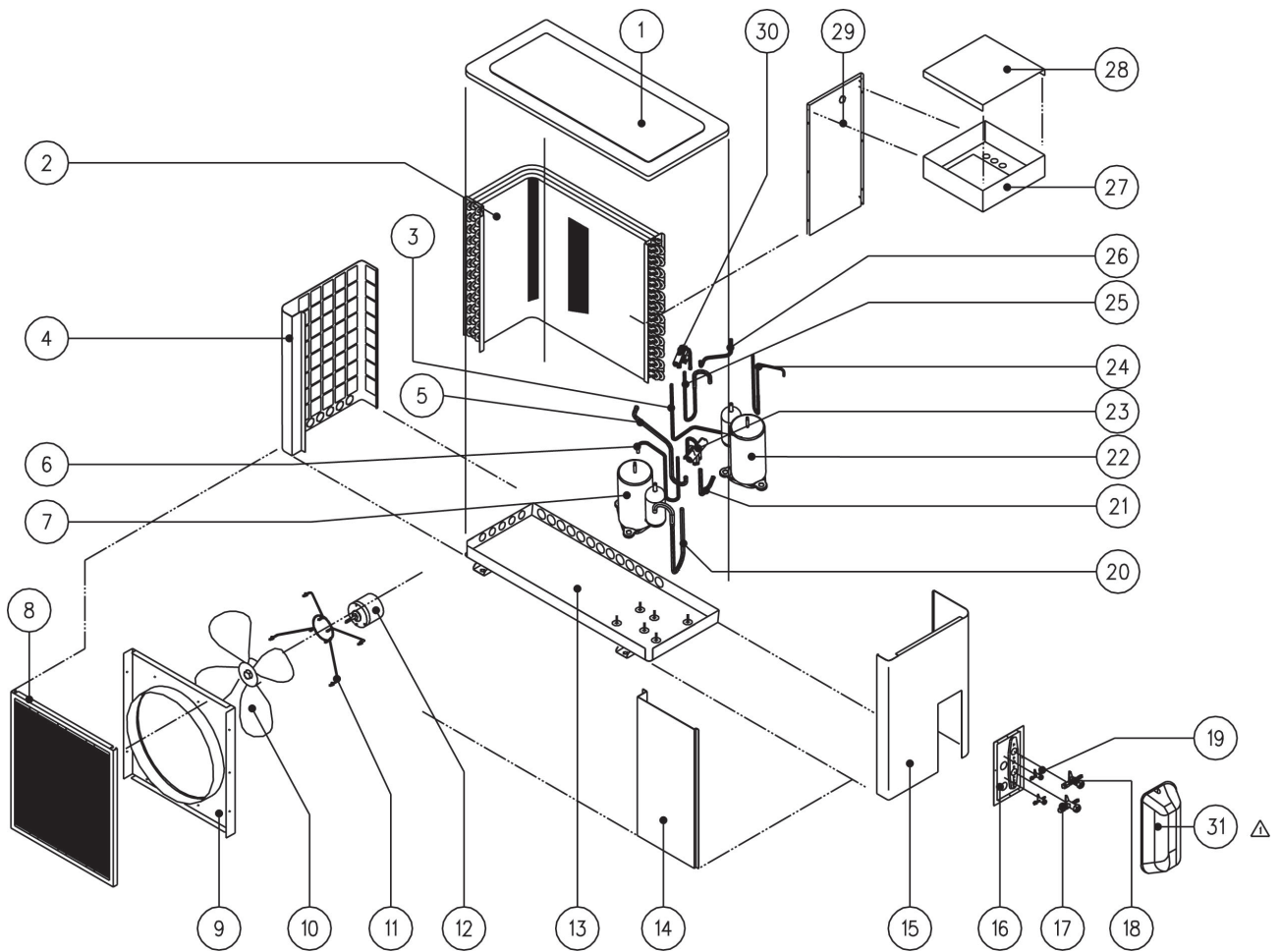
MODEL : AMSD 1020A / 1520A



- 1. ROTARY COMPRESSOR 2 (1.0/1.5HP)
- 2. ROTARY COMPRESSOR 1 (2.0HP)
- 3. DISCHARGE TUBE 1
- 4. SUCTION TUBE 1
- 5. DISCHARGE TUBE 2
- 6. CAP. TUBE 2 ASSY
- 7. CONTROL BOX ASSY
- 8. CONTROL BOX COVER
- 9. PARTITION
- 10. CAP. TUBE 1 ASSY
- 11. TOP PANEL
- 12. CONDENSER COIL ASSY
- 13. SIDE PANEL LEFT

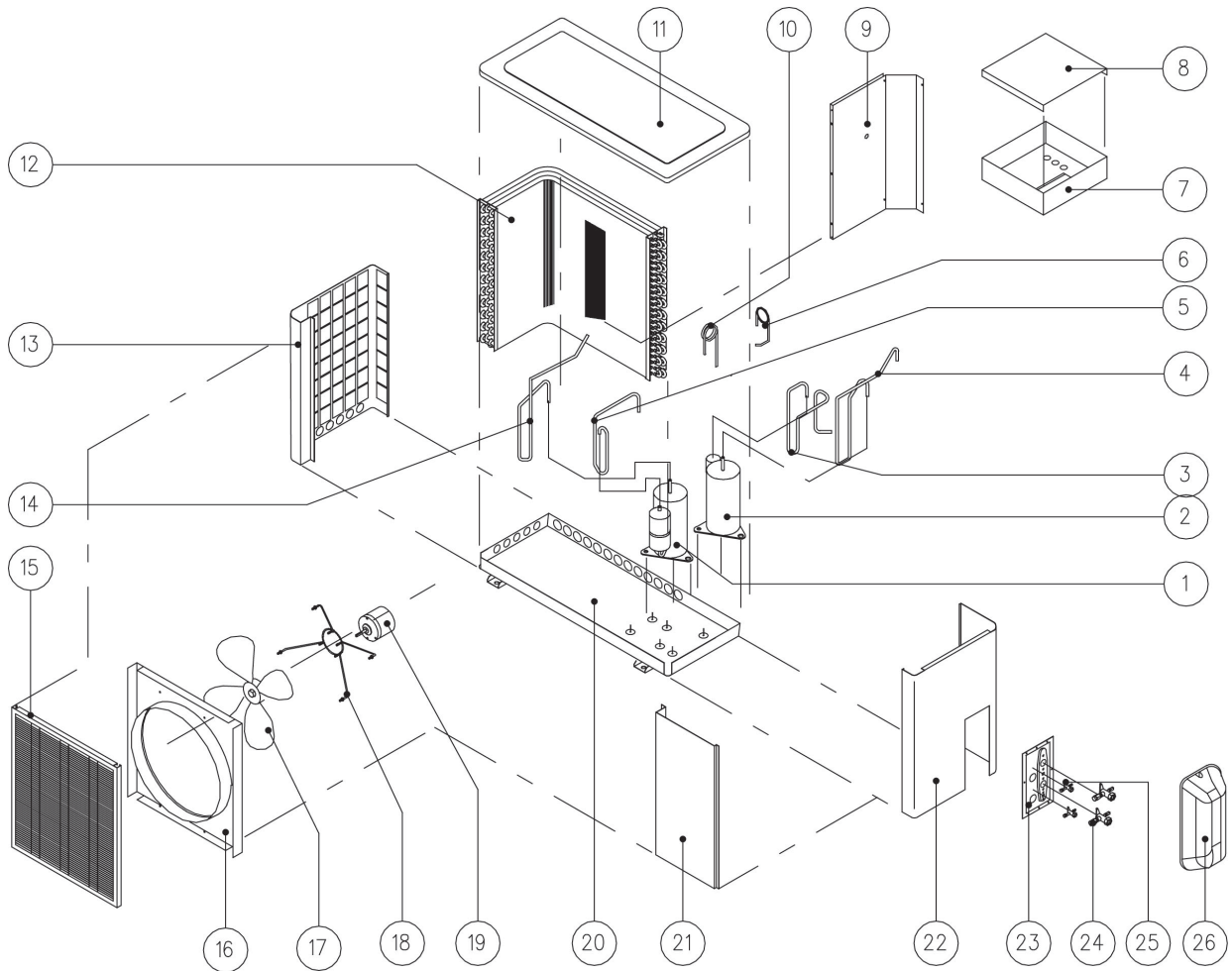
- 14. SUCTION TUBE 2
- 15. FAN GUARD
- 16. ORIFICE FOR 18" PROPELLER
- 17. FAN BLADE 18"
- 18. FAN MOTOR BRACKET
- 19. FAN MOTOR
- 20. BASE PAN ASSY
- 21. FRONT PANEL
- 22. SIDE PANEL RIGHT
- 23. VALVE PLATE
- 24. FLARE VALVES (GAS)
- 25. FLARE VALVES (LIQUID)
- 26. VALVE COVER

MODEL : AMSD 1520AR



- | | |
|---|--|
| 1. PANEL, TOP | 17. VALVE, FLARE 3 WAY 1/2" |
| 2. ASSEMBLY, CONDENSER COIL | 18. VALVE, FLARE 3 WAY 5/8" |
| 3. TUBE, 4WV 'E' – GAS TO VALVE COMP. 1 | 19. VALVE, FLARE 3 WAY 1/4" |
| 4. ASSEMBLY, SIDE PANEL LEFT INS. | 20. ASSY., SUCTION COMP. 2 |
| 5. TUBE, 4WV 'C' – O/D COIL COMP. 1 | 21. TUBE, 4WV 'E' COMP. 2 |
| 6. TUBE, DISCHARGE COMP. 2 | 22. MATSUSHITA COMPRESSOR (2KS224D3AC02) |
| 7. MATSUSHITA COMPRESSOR (2JS350D3BB02) | 23. 4 WAY VALVE (CHV0201 OR V26110B) |
| 8. ASSEMBLY, FAN GUARD INS. | 24. ASSY., DISCHARGE COMP. 1 |
| 9. ASSEMBLY, ORIFICE FOR 19" PROPELLER | 25. ASSY., TUBE SUCTION COMP. 1 |
| 10. PROPELLER FAN 19" | 26. TUBE, 4WV 'C' – GAS 1 |
| 11. BRACKET, FAN MOTOR | 27. ASSEMBLY, TERMINAL BOX (MAIN) |
| 12. MOTOR, FAN | 28. COVER, TERMINAL BOX |
| 13. ASSEMBLY, BASE PAN | 29. PANEL, PARTITION |
| 14. ASSEMBLY, PANEL FRONT INS. | 30. 4 WAY VALVE (CH0101 OR VH7100B) |
| 15. ASSY., SIDE PANEL RIGHT INS. | 31. VALVE COVER |
| 16. ASSEMBLY, FLARE VALVE PLATE | |

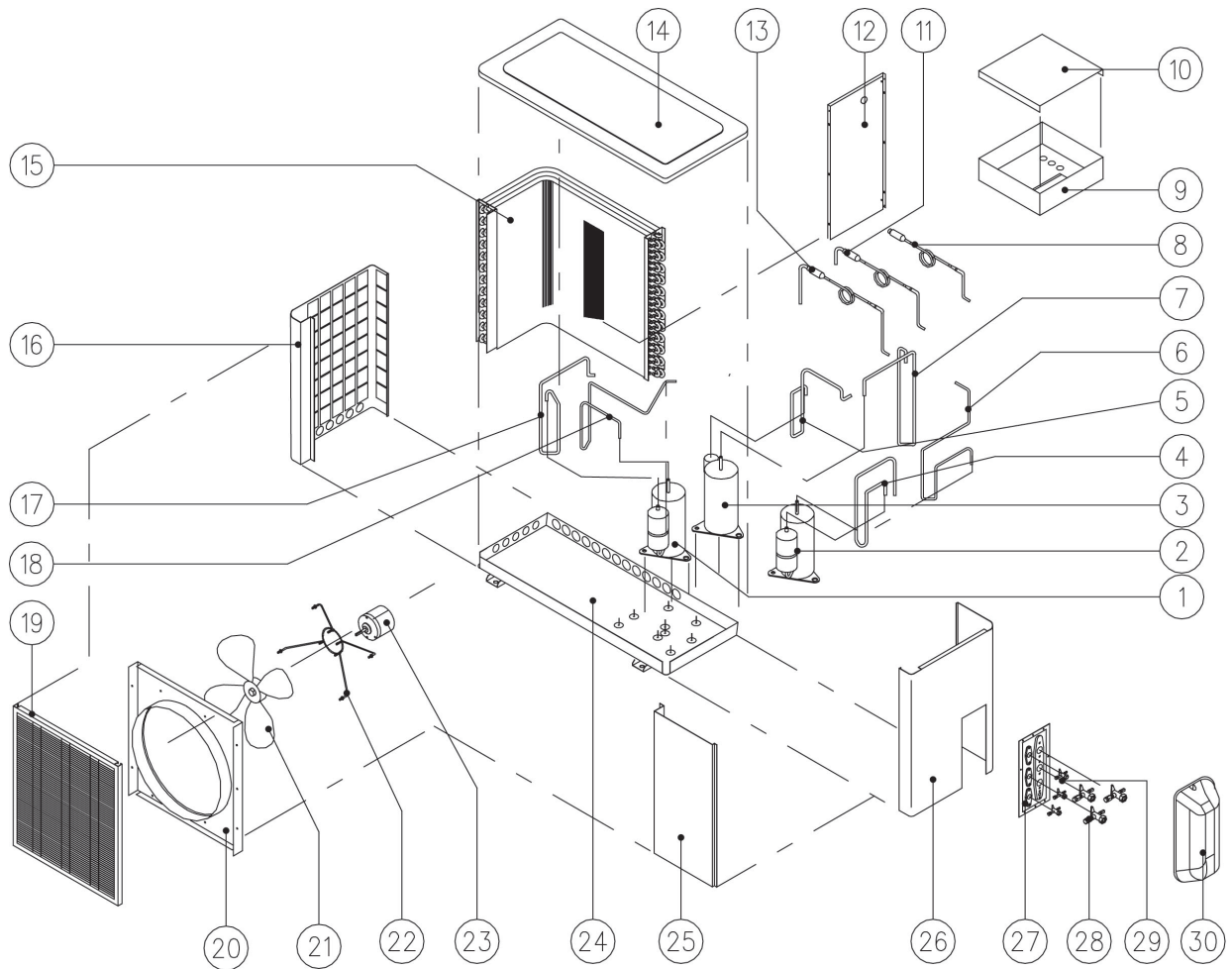
MODEL : AMSD 2020A



- 1. ROTARY COMPRESSOR 1
- 2. ROTARY COMPRESSOR 2
- 3. SUCTION TUBE 2
- 4. DISCHARGE TUBE 2
- 5. SUCTION TUBE 1
- 6. CAP. TUBE 2 ASSY
- 7. CONTROL BOX ASSY
- 8. CONTROL BOX COVER
- 9. PARTITION
- 10. CAP. TUBE 1 ASSY
- 11. TOP PANEL
- 12. CONDENSER COIL ASSY
- 13. SIDE PANEL LEFT

- 14. DISCHARGE TUBE 1
- 15. FAN GUARD
- 16. ORIFICE FOR 19" PROPELLER
- 17. FAN BLADE 19"
- 18. FAN MOTOR BRACKET
- 19. FAN MOTOR
- 20. BASE PAN ASSY
- 21. FRONT PANEL
- 22. SIDE PANEL RIGHT
- 23. VALVE PLATE
- 24. FLARE VALVES (GAS)
- 25. FLARE VALVES (LIQUID)
- 26. VALVE COVER

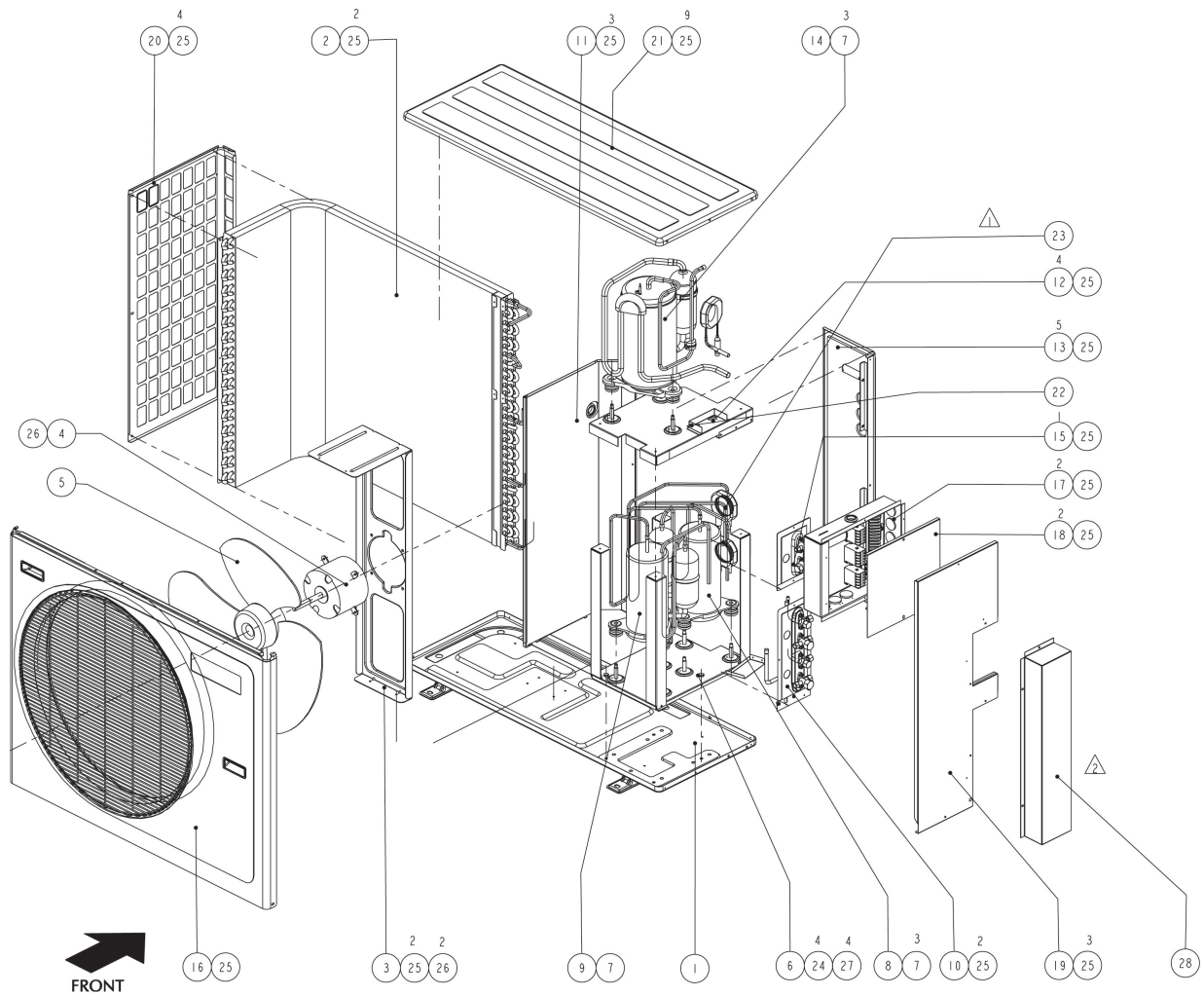
MODEL : AMST 101010 / 101015 / 101515 / 151515 / 101020 A
A4MST 101010 / 101015 / 101515 / 151515 A



- 1. ROTARY COMPRESSOR 2
- 2. ROTARY COMPRESSOR 1
- 3. ROTARY COMPRESSOR 3
- 4. SUCTION TUBE 1
- 5. SUCTION TUBE 3
- 6. DISCHARGE TUBE 1
- 7. DISCHARGE TUBE 3
- 8. CAP. TUBE 1 ASSY
- 9. CONTROL BOX ASSY
- 10. CONTROL BOX COVER
- 11. CAP. TUBE 2 ASSY
- 12. PARTITION
- 13. CAP. TUBE 3 ASSY
- 14. TOP PANEL
- 15. CONDENSER COIL ASSY

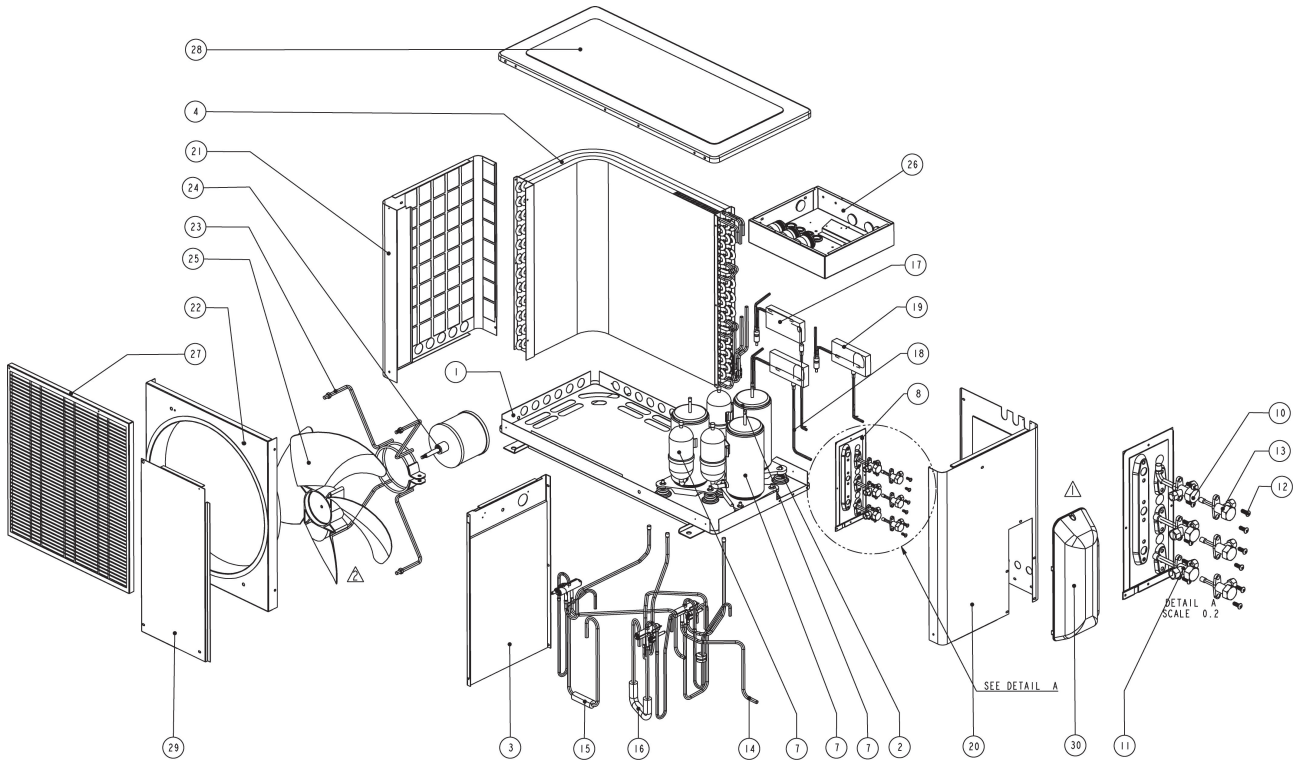
- 16. SIDE PANEL LEFT
- 17. SUCTION TUBE 2
- 18. DISCHARGE TUBE 2
- 19. FAN GUARD
- 20. ORIFICE FOR 19" PROPELLER
- 21. PROPELLER 19"
- 22. FAN MOTOR BRACKET
- 23. FAN MOTOR
- 24. BASE PAN ASSY
- 25. FRONT PANEL
- 26. SIDE PANEL RIGHT
- 27. VALVE PLATE
- 28. FLARE VALVES (GAS)
- 29. FLARE VALVES (LIQUID)
- 30. VALVE COVER

MODEL : AMST 101025 / 101525 / 151525 A



- | | |
|-----------------------------------|--|
| 1. ASSY, PANEL BASE | 15. ASSY, VALVE BRACKET |
| 2. ASSY, MAIN COIL | 16. ASSY, FRONT PANEL |
| 3. BRACKET, MOTOR | 17. ASSY, CONTROL BOX |
| 4. FAN MOTOR (YJ145 - SWELLING) | 18. ASSY, STICKER GUIDE TER. BOX COVER |
| 5. FAN, BLADE | 19. ASSY, PANEL SERVICE |
| 6. ASSY, MOUNT PLATE BTM | 20. PANEL, SIDE LEFT |
| 7. RUBBER, GROMMET | 21. PANEL, TOP |
| 8. COMPRESSOR, (2PS164D2BC02) | 22. BUSH, RUBBER |
| 9. COMPRESSOR, (2KS2240D3AC02) | 23. ASSY, UNIT TUBING |
| 10. ASSY, VALVE BRACKET | 24. SCREW, SELF TAPPING |
| 11. ASSY, PANEL PARTITION | 25. SCREW, PH T/HD 8 x 3/8 - (R / P) |
| 12. ASSY, MOUNTING PLT TOP | 26. SCREW, TRUSS HEAD PHILIP M5 x 16 |
| 13. ASSY, PANEL BACK RIGHT | 27. WASHER, SPRING OD15 x ID8.5 x t1.2 |
| 14. ASSY, COMP. 2JS438D3 (BENDED) | 28. VALVE COVER |

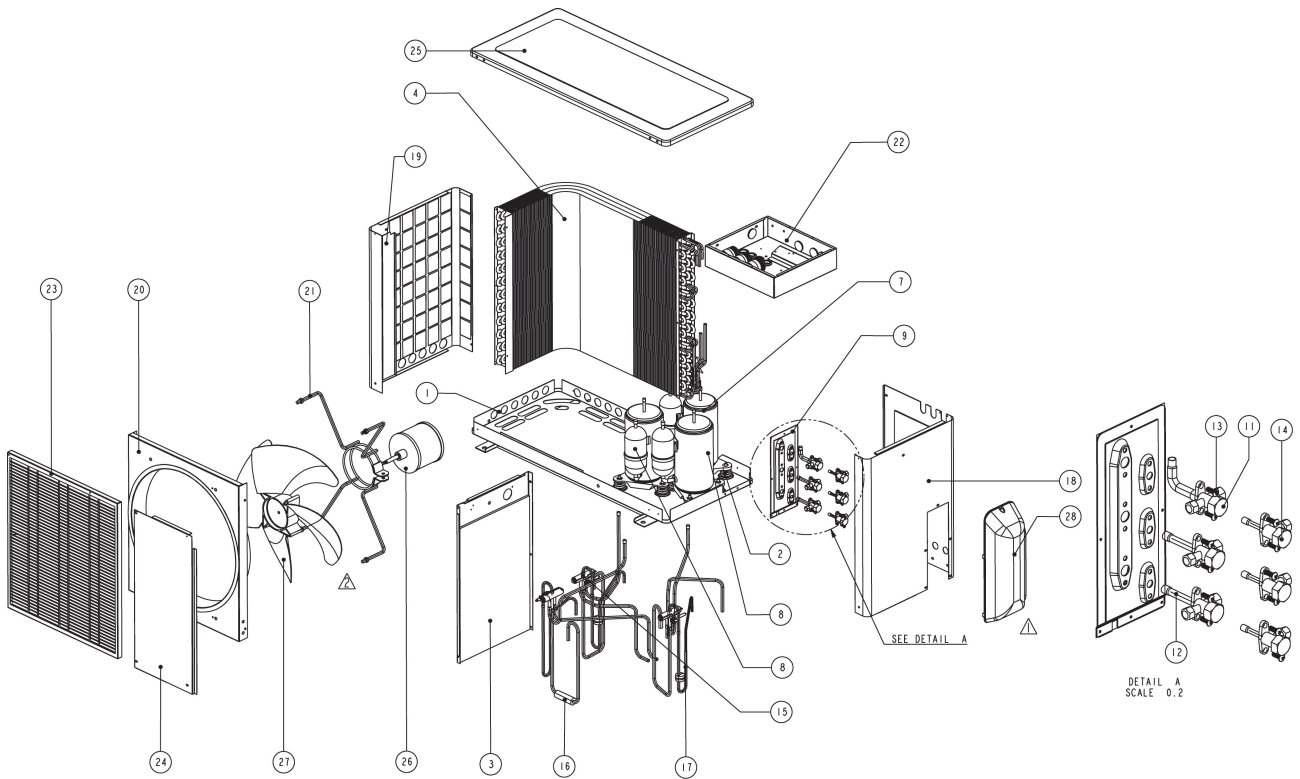
MODEL : AMST / A4MST 101010AR



- 1. ASSY., BASE PAN
- 2. COMPRESSOR, RUBBER GROMMET
- 3. ASSY., INS. PARTITION
- 4. ASSY., OUTDOOR COIL MAIN
- 5. CLIP, SENSOR M2 6mm x 9.52mm
- 6. SENSOR, OUTDOOR DEFROST
- 7. ASSY., COMP. 4PS1640AA
- 8. ASSY., VALVE PLATE MAIN
- 9. FLARE JOINT VALVE PLATE
- 10. ASSY., 3-WAY VALVE (3/8")
- 11. ASSY., 3-WAY VALVE (3/8")
- 12. SCREW, TRUSS HEAD PHILLIP
- 13. ASSY., 2-WAY VALVE (1/4")
- 14. ASSY., 4WV COMP. 1 (1.0 HP)
- 15. ASSY., 4WV COMP. 2 (1.0 HP)

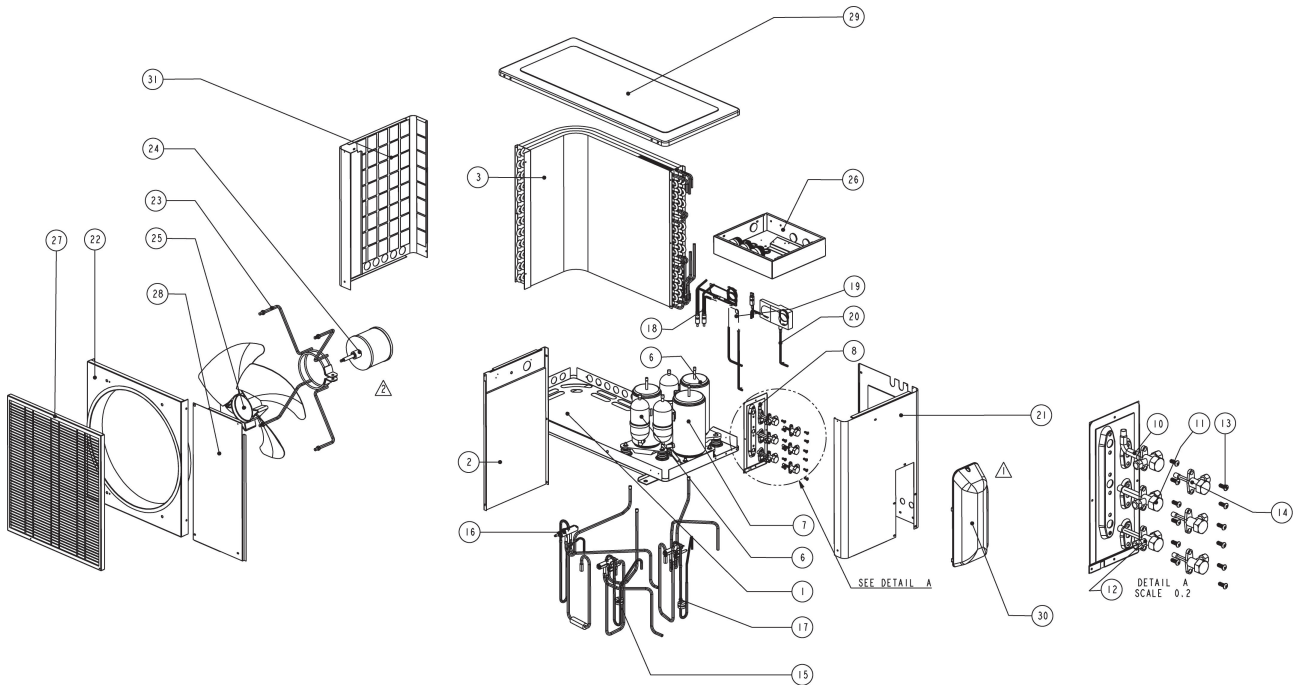
- 16. ASSY., 4WV COMP. 3 (1.0 HP)
- 17. ASSY., CAP. TUBE 1 (1.0 HP)
- 18. ASSY., CAP. TUBE 2 (1.0 HP)
- 19. ASSY., CAP. TUBE 3 (1.0 HP)
- 20. ASSY., SIDE PANEL RIGHT INS.
- 21. PANEL, SIDE LEFT
- 22. ASSY., ORIFICE 19" PROPELLER
- 23. BRACKET, MOTOR
- 24. ASSY., FAN MOTOR
- 25. PROPELLER, FAN (19")
- 26. ASSY., PANEL TERMINAL BOX
- 27. FAN, GUARD
- 28. PANEL, TOP
- 29. PANEL, FRONT
- 30. VALVE COVER

MODEL : AMST / A4MST 101015AR



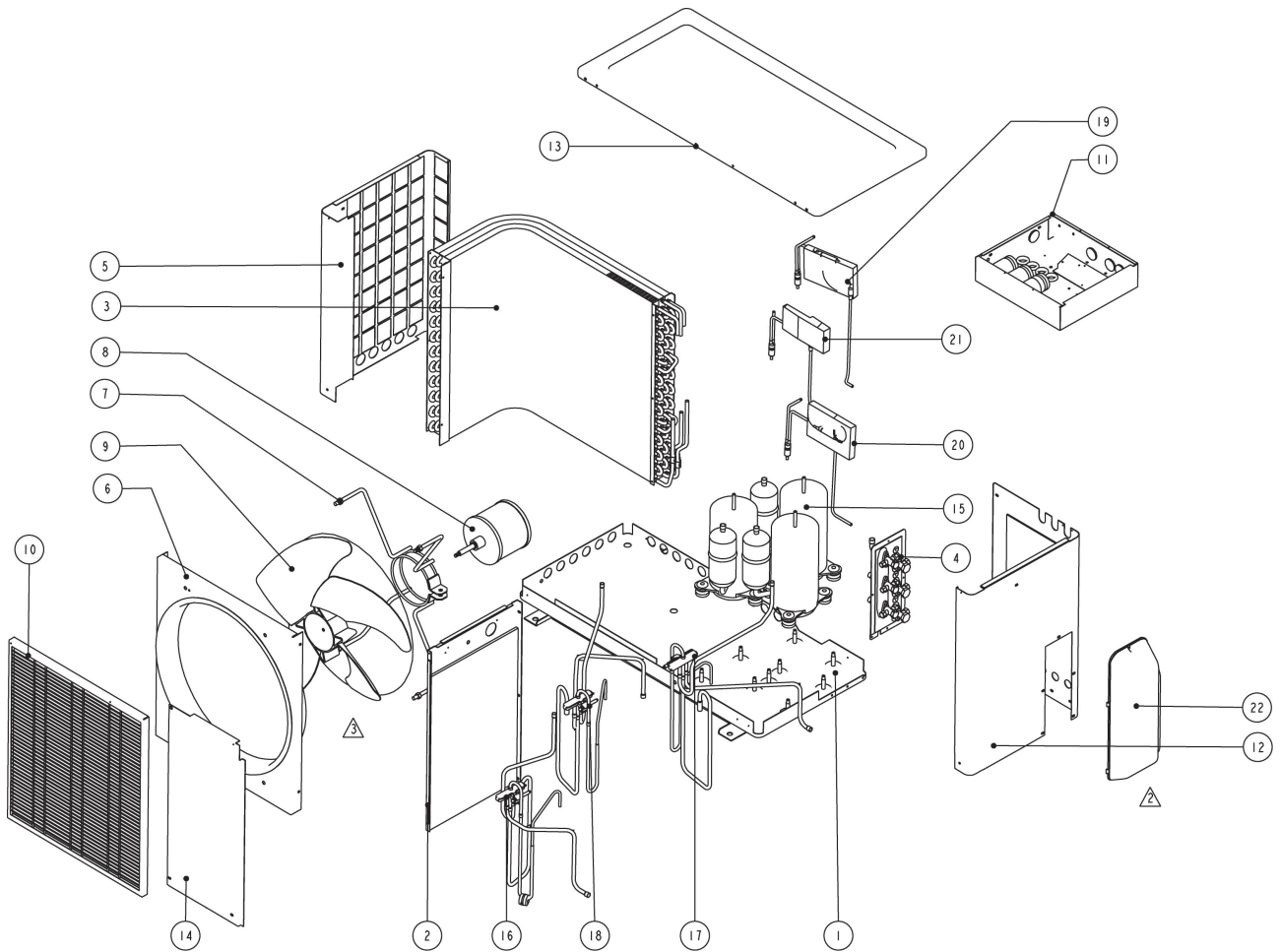
- | | |
|---------------------------------|-----------------------------------|
| 1. ASSY., BASE PAN | 15. ASSY., 4WV COMP. 1 (1.0 HP) |
| 2. COMPRESSOR, RUBBER GROMMET | 16. ASSY., 4WV COMP. 2 (1.0 HP) |
| 3. ASSY., INS. PARTITION | 17. ASSY., 4WV COMP. 3 (1.5 HP) |
| 4. ASSY., OUTDOOR COIL MAIN | 18. ASSY., SIDE PANEL RIGHT INS. |
| 5. CLIP, SENSOR M2 6mm x 9.52mm | 19. PANEL, SIDE LEFT |
| 6. SENSOR, OUTDOOR DEFROST | 20. ASSY., ORIFICE 19" PROPELLER |
| 7. ASSY., COMP. 4PS1640AA | 21. BRACKET, MOTOR |
| 8. ASSY., COMP. 4PS2250AA | 22. ASSY., PANEL TERMINAL BOX |
| 9. ASSY., VALVE PLATE MAIN | 23. FAN, GUARD |
| 10. FLARE JOINT VALVE PLATE | 24. PANEL, FRONT |
| 11. ASSY., 3-WAY VALVE (1/2") | 25. PANEL, TOP |
| 12. ASSY., 3-WAY VALVE (3/8") | 26. ASSY., FAN MOTOR |
| 13. SCREW, TRUSS HEAD PHILLIP | 27. PROPELLER 19" |
| 14. ASSY., 2-WAY VALVE (1/4") | 28. VALVE COVER |

MODEL : AMST / A4MST 101515AR



- | | |
|-----------------------------------|-----------------------------------|
| 1. ASSY., BASE PAN | 17. ASSY., 4WV COMP. 3 (1.5 HP) |
| 2. ASSY., INS. PARTITION | 18. ASSY., CAP. TUBE 1 (1.0 HP) |
| 3. ASSY., OUTDOOR COIL MAIN | 19. ASSY., CAP. TUBE 2 (1.5 HP) |
| 4. CLIP, SENSOR M2 6mm x 9.52mm | 20. ASSY., CAP. TUBE 3 (1.5 HP) |
| 5. SENSOR, OUTDOOR DEFROST | 21. ASSY., SIDE PANEL RIGHT INS. |
| 6. ASSY., COMP. 4PS1640AA | 22. ASSY., ORIFICE 19" PROPELLER |
| 7. ASSY., COMP. 4KS2250AA | 23. BRACKET, MOTOR |
| 8. ASSY., VALVE PLATE MAIN | 24. ASSY., FAN MOTOR |
| 9. FLARE JOINT VALVE PLATE | 25. PROPELLER, FAN (19") |
| 10. ASSY., 3-WAY VALVE (1/2") | 26. ASSY., PANEL TERMINAL BOX |
| 11. ASSY., 3-WAY VALVE (1/2") | 27. FAN, GUARD |
| 12. ASSY., 3-WAY VALVE (3/8") | 28. PANEL, FRONT |
| 13. SCREW, TRUSS HEAD PHILLIP | 29. PANEL, TOP |
| 14. ASSY., 2-WAY VALVE (1/4") | 30. VALVE COVER |
| 15. ASSY., 4WV COMP. 1 (1.0 HP) | 31. PANEL, SIDE LEFT |
| 16. ASSY., 4WV COMP. 2 (1.5 HP) | |

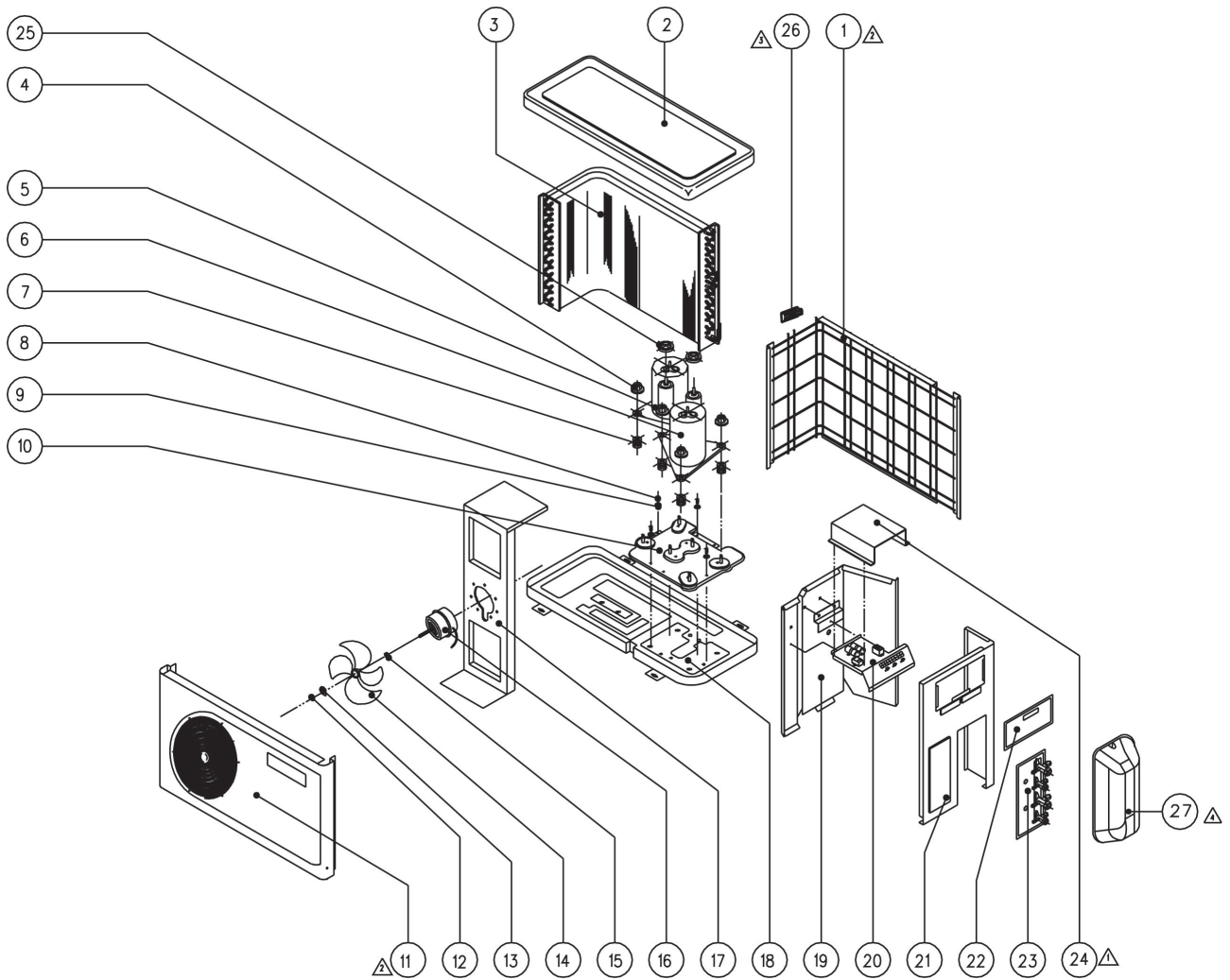
MODEL : AMST / A4MST 151515 AR



- 1. ASSY, BASE PAN
- 2. ASSY, INS. PARTITION
- 3. ASSY, OUTDOOR COIL MAIN
- 4. ASSY, VALVE PLATE
- 5. PANEL, SIDE LEFT
- 6. ASSY, ORIFICE 19" PROPELLER
- 7. BRACKET, MOTOR
- 8. ASSY, FAN MOTOR
- 9. PROPELLER 19"
- 10. FAN, GUARD
- 11. ASSY, PANEL TERMINAL BOX

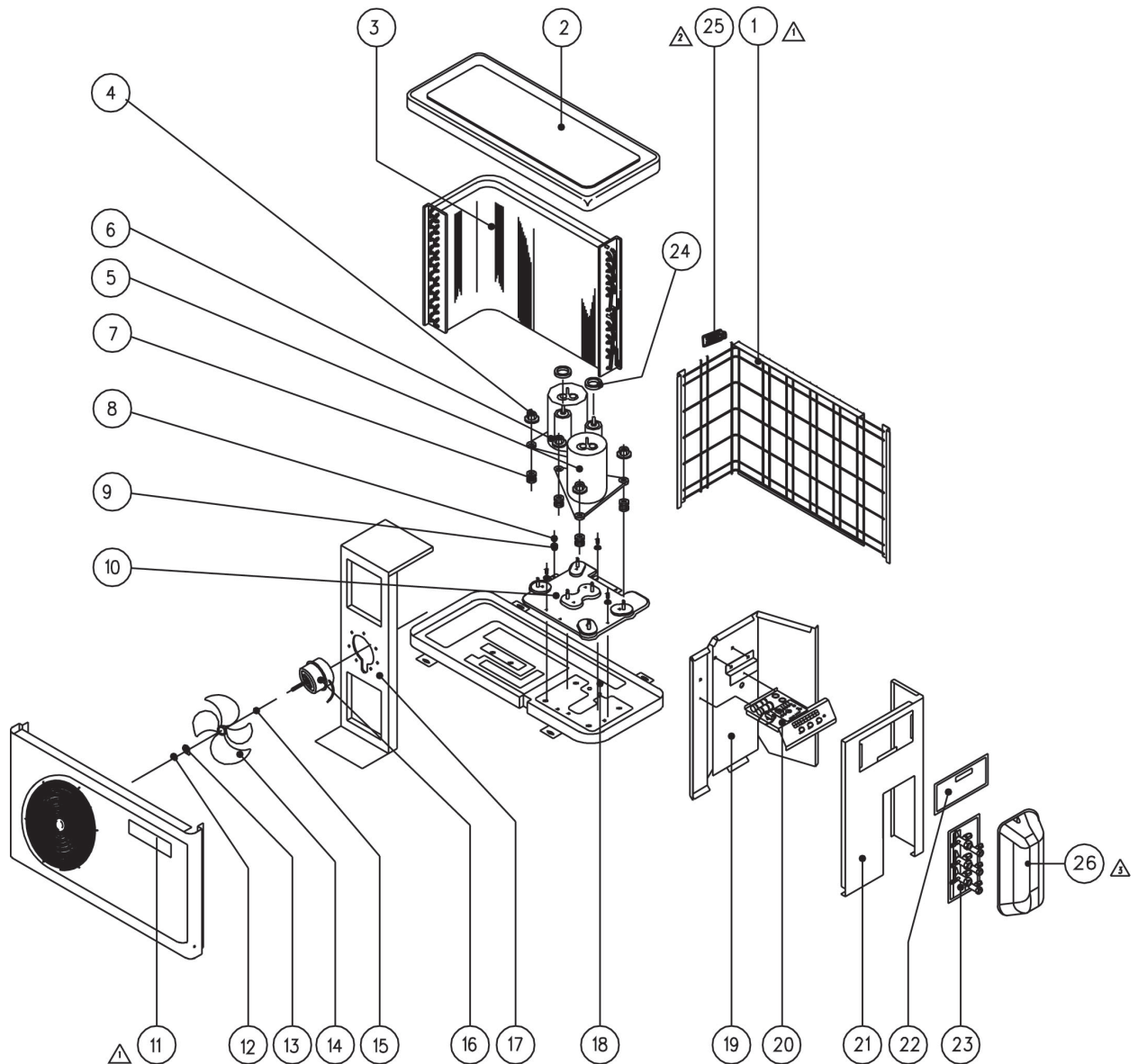
- 12. ASSY, SIDE PANEL RIGHT INS.
- 13. PANEL, TOP
- 14. PANEL, FRONT
- 15. ASSY, COMP. 2KS224D3AC02
- 16. ASSY, 4WV COMP. 1 (1.5HP)
- 17. ASSY, 4WV COMP. 2 (1.5HP)
- 18. ASSY, 4WV COMP. 3 (1.5HP)
- 19. ASSY, CAP. TUBE 1 (1.5HP)
- 20. ASSY, CAP. TUBE 2 (1.5HP)
- 21. ASSY, CAP. TUBE 3 (1.5HP)
- 22. PLASTIC, VALVE COVER

MODEL : AMSH 8K8 A



- | | |
|--|--|
| 1. ASSEMBLY, PANEL BACK | 15. WASHER, RING |
| 2. ASSEMBLY, PANEL TOP | 16. MOTOR, FAN |
| 3. ASSEMBLY, CONDENSER COIL | 17. BRACKET, FAN MOTOR |
| 4. NUT, M8 WITH WASHER | 18. ASSEMBLY, BASE PAN |
| 5. ROTARY COMPRESSOR 2 (1.0 HP) (2PS164D2BCO2) | 19. ASSEMBLY, PARTITION |
| 6. ROTARY COMPRESSOR 1 (1.0 HP) (2PS164D2BCO2) | 20. ASSEMBLY, PANEL TERMINAL BOX |
| 7. GROMMET, RUBBER | 21. ASSEMBLY, PANEL SIDE |
| 8. SCREW, TRUSS HEAD PHILIP | 22. ASSEMBLY, PANEL ACCESS |
| 9. WASHER, SPRING | 23. ASSEMBLY, FLARE VALVE MOUNTING PLATE |
| 10. ASSEMBLY, MOUNTING PLATE | 24. COVER, TERMINAL BOX |
| 11. ASSEMBLY, PANEL FRONT | 25. DAMPER, RUBBER |
| 12. HEX. NUT $\frac{3}{8}$ " | 26. HANDLING HANDLE |
| 13. WASHER, SQUARE | 27. VALVE COVER |
| 14. FAN BLADE | |

MODEL : AMSH 8K66A



1. ASSY, BACK PANEL

2. ASSY, TOP PANEL

3. ASSY, CONDENSER COIL

4. NUT M8 WITH WASHER

5. ROTARY COMPRESSOR A (2PS192D2AB02)

6. ROTARY COMPRESSOR B (2PS192D2AB02)

7. GROMMET, RUBBER

8. SCREW, TRUSS HEAD PHILIP

9. WASHER, SPRING

10. ASSY, MOUNTING PLATE

11. ASSY, PANEL FRONT

12. NUT, HEXAGON 3/8"

13. WASHER, SQUARE

14. FAN BLADE

15. WASHER, RING

16. MOTOR, FAN

17. BRACKET, FAN MOTOR

18. ASSY, BASE PAN

19. ASSY, PARTITION

20. ASSY, TERMINAL BOX PANEL

21. ASSY, SIDE PANEL

22. ASSY, ACCESS PANEL

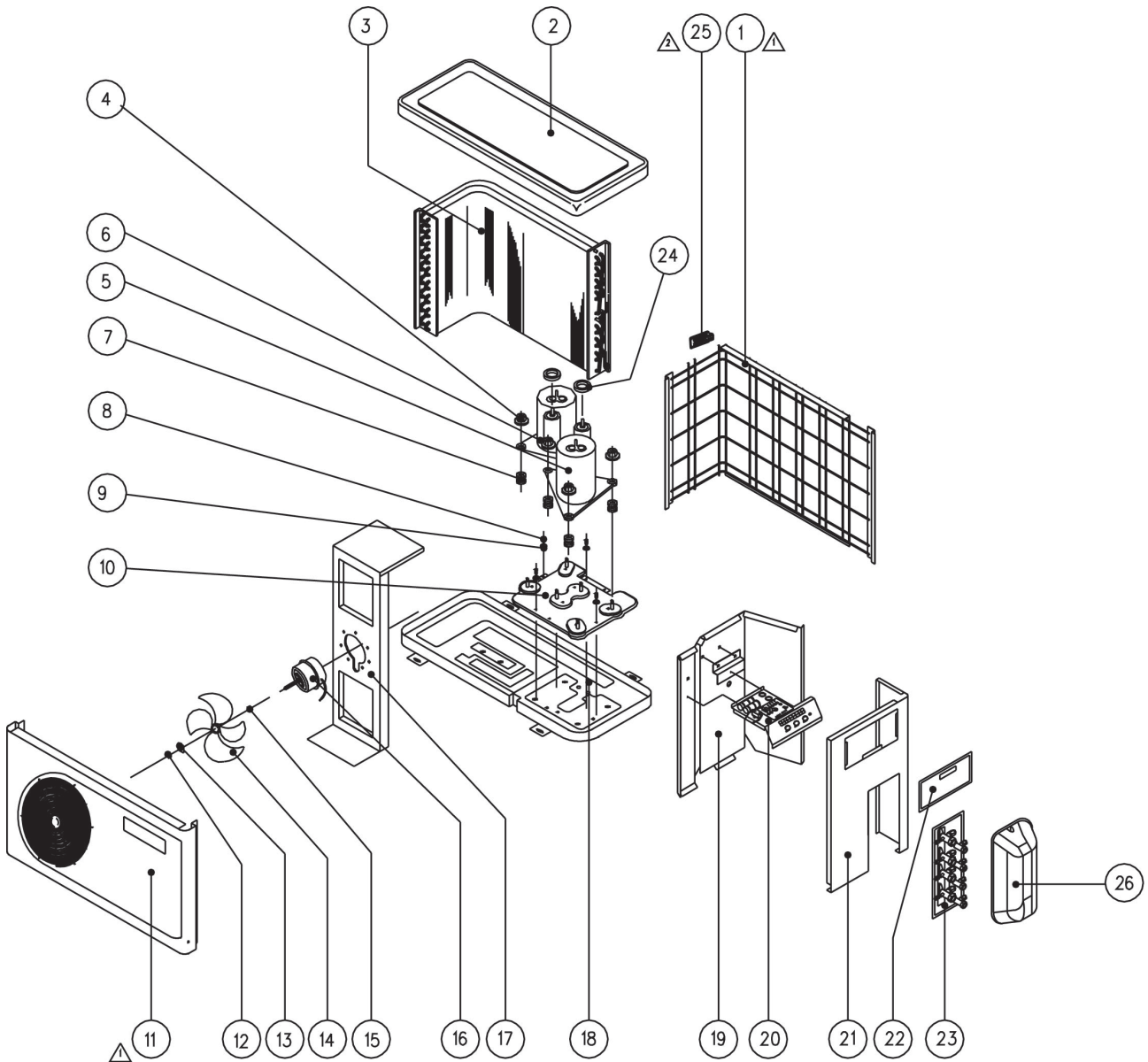
23. ASSY, VALVE PLATE

24. DAMPER, RUBBER

25. HANDLING HANDLE

26. VALVE COVER

MODEL : AMSH 66K66A



1. ASSY, BACK PANEL

2. ASSY, TOP PANEL

3. ASSY, CONDENSER COIL

4. NUT M8, WITH WASHER

5. ROTARY COMPRESSOR A (2PS192D2AB02)

6. ROTARY COMPRESSOR B (2PS192D2AB02)

7. GROMMET, RUBBER

8. SCREW, TRUSS HEAD PHILIP

9. WASHER, SPRING

10. ASSY, MOUNTING PLATE

11. ASSY, PANEL FRONT

12. NUT, HEXAGON 3/8"

13. WASHER, SQUARE

14. FAN BLADE

15. WASHER, RING

16. MOTOR, FAN

17. BRACKET, FAN MOTOR

18. ASSY, BASE PAN

19. ASSY, PARTITION

20. ASSY, TERMINAL BOX PANEL

21. ASSY, SIDE PANEL

22. ASSY, ACCESS PANEL

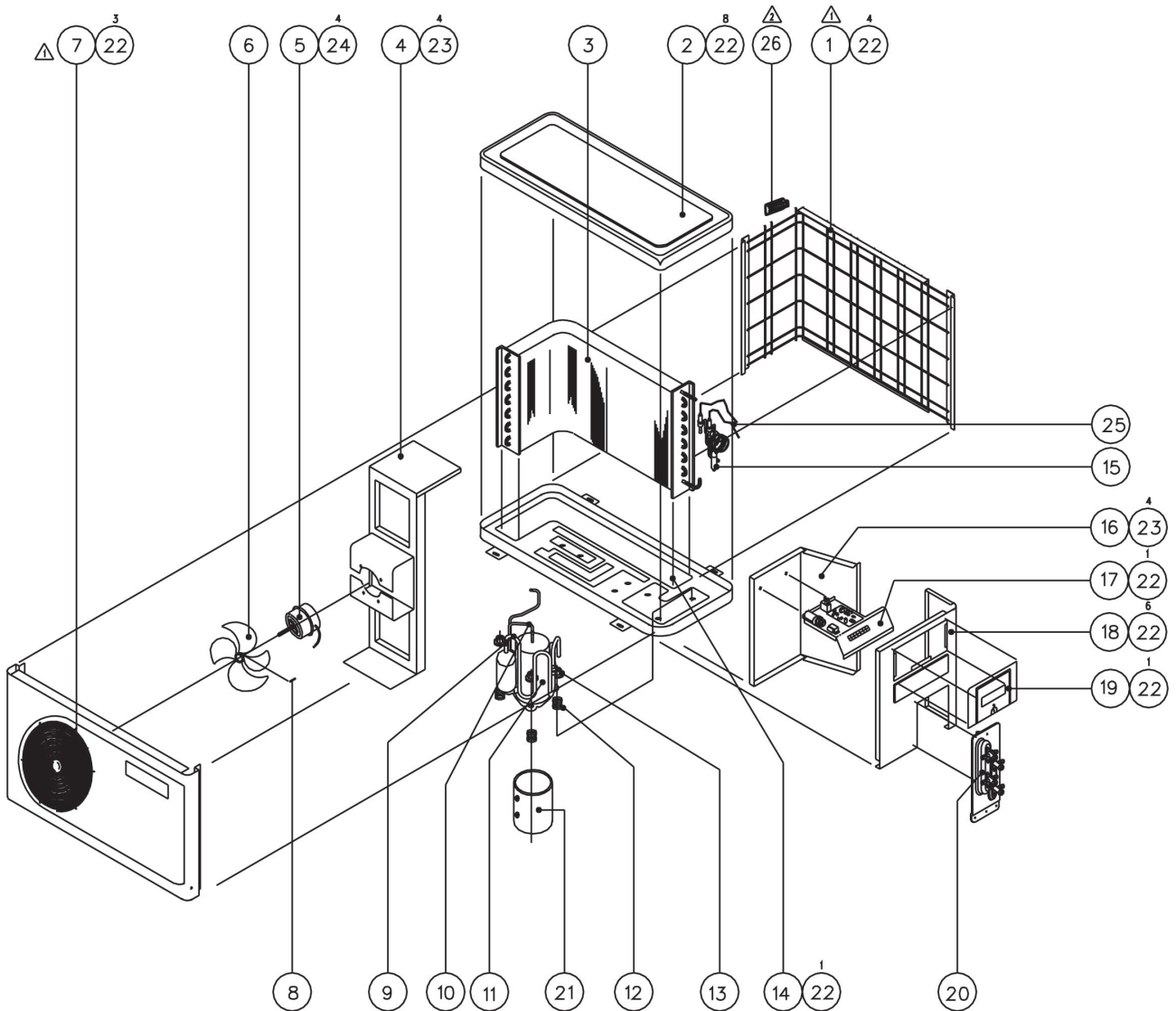
23. ASSY, VALVE PLATE

24. DAMPER, RUBBER

25. HANDLING HANDLE

26. VALVE COVER

MODEL : AMSH K77 A



1. BACK PANEL ASSY

2. TOP PANEL ASSY

3. CONDENSER COIL ASSY

4. MOTOR MOUNTING BRACKET

5. FAN MOTOR

6. FAN BLADE

7. FRONT GRILLE ASSY

8. FAN SET SCREW

9. TUBE SUCTION A & B ASSY

10. DISCHARGE TUBE

11. ROTARY COMPRESSOR

12. RUBBER GROMMET

13. NUT WITH WASHER (M8)

14. BASE PAN ASSY

15. CAPILLARY TUBE ASSY

16. PARTITION ASSY

17. TERMINAL BOX ASSY

18. SIDE PANEL ASSY

19. ACCESS PANEL

20. VALVE PLATE ASSY

21. COMPRESSOR JACKET

22. TRUSS HEAD PHILIP SCREW

23. PAN HEAD TAPPING SCREW

24. TRUSS HEAD PHILIP SCREW

25. SOLENOID COIL INS 1&2 ASSY

26. HANDLING HANDLE



While utmost care is taken in ensuring that all details in the publication are correct at time of going to press, we are constantly striving for improvement and therefore reserve the rights to alter model specifications and equipment without prior notice. Details of specifications and equipment are also subject to change to suit local conditions and equipments and not all models are available in every market.