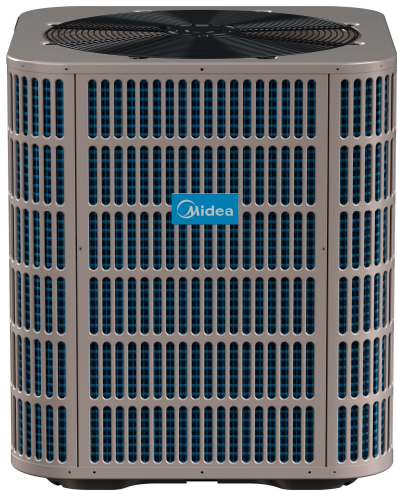




Midea M134A Series Air Conditioner

13.4 SEER2

Cooling capacity: 18 - 60 kBTU/h



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Standard Features:

- R410A chlorine-free refrigerant.
- Energy-efficient compressor.
- Internally protection against high temperature motor overload conditions.
- High quality condenser with inner-groove copper tube and aluminum fin.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high pressure switch
- AHRI certified and ETL listed
- Optional drier filter as accessory.

Cabinet Features:

- Unique sound control top design.
- Compact design, easy installation and transportation.
- Powder-painted galvanized steel cabinet.
- Wire fan discharge grille.
- Steel louver coil guard

1 Nomenclature

| | | | | | | | | | | | |
|---|---|---|---|---|----|---|----|---|---|-----|----|
| M | O | V | A | - | 24 | C | N1 | - | M | 134 | G |
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | | 8 | 9 | 10 |

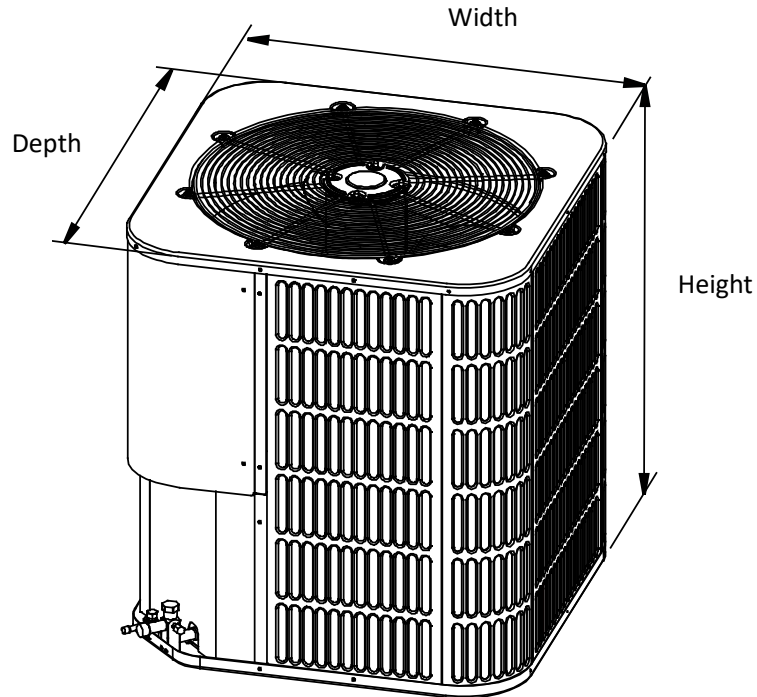
| Legend | | |
|--------|------|--|
| No. | Code | Remarks |
| 1 | M | Brand: Midea |
| 2 | O | Outdoor unit |
| 3 | V | Discharge type: vertical discharge |
| 4 | A | Version No.: A version |
| 5 | 24 | Capacity: 18: 18 kBtu/h; 24: 24 kBtu/h; 30: 30 kBtu/h; 36: 36 kBtu/h; 42: 42 kBtu/h; 48: 48 kBtu/h; 60: 60 kBtu/h; |
| 6 | C | Unit type: C: cooling only; H: heat pump |
| 7 | N1 | Refrigerant type: N1: R410A |
| 8 | M | Power supply type: M: 1-Phase; X: 3-Phase |
| 9 | 134 | Efficiency: 134: 13.4 SEER; 152: 15.2 SEER |
| 10 | G | Compressor type: G: GMCC compressor; L: LG compressor |

2 Specifications

| | MOVA-18C N1-M134G | MOVA-24C N1-M134G | MOVA-30C N1-M134G | MOVA-36C N1-M134G |
|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| NOMINAL CAPACITY | | | | |
| Cooling (BTU/h) | 18,000 | 24,000 | 30,000 | 36,000 |
| Heating (BTU/h) | / | / | / | / |
| ELECTRICAL DATA | | | | |
| Voltage / Phase (60 Hz) | 208/230 / 1 | 208/230 / 1 | 208/230 / 1 | 208/230 / 1 |
| Min. / Max. Voltage | 187/253 | 187/253 | 187/253 | 187/253 |
| MCA | 11.9 | 16.3 | 16.3 | 21.1 |
| MOP | 20 | 25 | 30 | 35 |
| COMPRESSOR | | | | |
| Type | Rotary | Rotary | Rotary | Rotary |
| Stage | Single | Single | Single | Single |
| RLA | 8.2 | 11.8 | 11.8 | 15.1 |
| LRA | 35.0 | 43.0 | 58.0 | 72.0 |
| CONDENSER COIL | | | | |
| Type | Tube & Fin | Tube & Fin | Tube & Fin | Tube & Fin |
| Tube Size(O.D) | 9/32 | 3/16 | 3/16 | 3/16 |
| FAN MOTOR | | | | |
| Motor Type | ECM | ECM | ECM | ECM |
| Capacitor(uF) | / | / | / | / |
| Horsepower (HP) | 1-1/6 | 1-1/6 | 1-1/6 | 1-1/3 |
| Full Load Amps (FLA) | 1.6 | 1.6 | 1.6 | 2.2 |
| REFRIGERATION SYSTEM | | | | |
| Liquid Valve Size (O.D.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Suction Valve Size (O.D.) | 3/4 | 3/4 | 3/4 | 3/4 |
| Liquid Line Size ("O.D.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Suction Line Size ("O.D.) | 3/4 | 3/4 | 3/4 | 3/4 |
| Refrigerant Charge (lbs. - oz.) | 4 LBS.-4 OZ | 5 LBS. | 5 LBS.-12 OZ | 5 LBS.-12 OZ |
| Superheat(°F) | 9°F | 9°F | 9°F | 9°F |
| OPERATION RANGE | | | | |
| Cooling(°F) | 55-115 | 55-115 | 55-115 | 55-115 |
| Heating(°F) | / | / | / | / |
| SOUND POWER (DB) | 69 | 72 | 75 | 76 |

Specifications

| | MOVA-42C N1-M134L | MOVA-48C N1-M134L | MOVA-60C N1-M134L |
|---------------------------------|------------------------------|------------------------------|------------------------------|
| NOMINAL CAPACITY | | | |
| Cooling (BTU/h) | 42,000 | 48,000 | 60,000 |
| Heating (BTU/h) | / | / | / |
| ELECTRICAL DATA | | | |
| Voltage / Phase (60 Hz) | 208/230 / 1 | 208/230 / 1 | 208/230 / 1 |
| Min. / Max. Voltage | 187/253 | 187/253 | 187/253 |
| MCA | 24.8 | 29.7 | 38.6 |
| MOP | 40 | 50 | 60 |
| COMPRESSOR | | | |
| Type | Scroll | Scroll | Scroll |
| Stage | Single | Single | Single |
| RLA | 18.5 | 22.4 | 29.5 |
| LRA | 112.3 | 108.0 | 127.9 |
| CONDENSER COIL | | | |
| Type | Tube & Fin | Tube & Fin | Micro Channel |
| Tube Size(O.D) | 3/16 | 3/16 | - |
| FAN MOTOR | | | |
| Motor Type | PSC | PSC | PSC |
| Capacitor(uF) | 15 | 15 | 15 |
| Horsepower (HP) | 1-1/3 | 1-1/3 | 1-1/3 |
| Full Load Amps (FLA) | 1.7 | 1.7 | 1.7 |
| REFRIGERATION SYSTEM | | | |
| Liquid Valve Size (O.D.) | 3/8 | 3/8 | 3/8 |
| Suction Valve Size (O.D.) | 3/4 | 7/8 | 7/8 |
| Liquid Line Size ("O.D.) | 3/8 | 3/8 | 3/8 |
| Suction Line Size ("O.D.) | 3/4 | 7/8 | 11/8 |
| Refrigerant Charge (lbs. - oz.) | 7 LBS.-9 OZ | 7 LBS.-12 OZ | 8 LBS.-3 OZ |
| Superheat(°F) | 9°F | 9°F | 9°F |
| OPERATION RANGE | | | |
| Cooling(°F) | 55-115 | 55-115 | 55-115 |
| Heating(°F) | / | / | / |
| SOUND POWER (DB) | 77 | 78 | 81 |

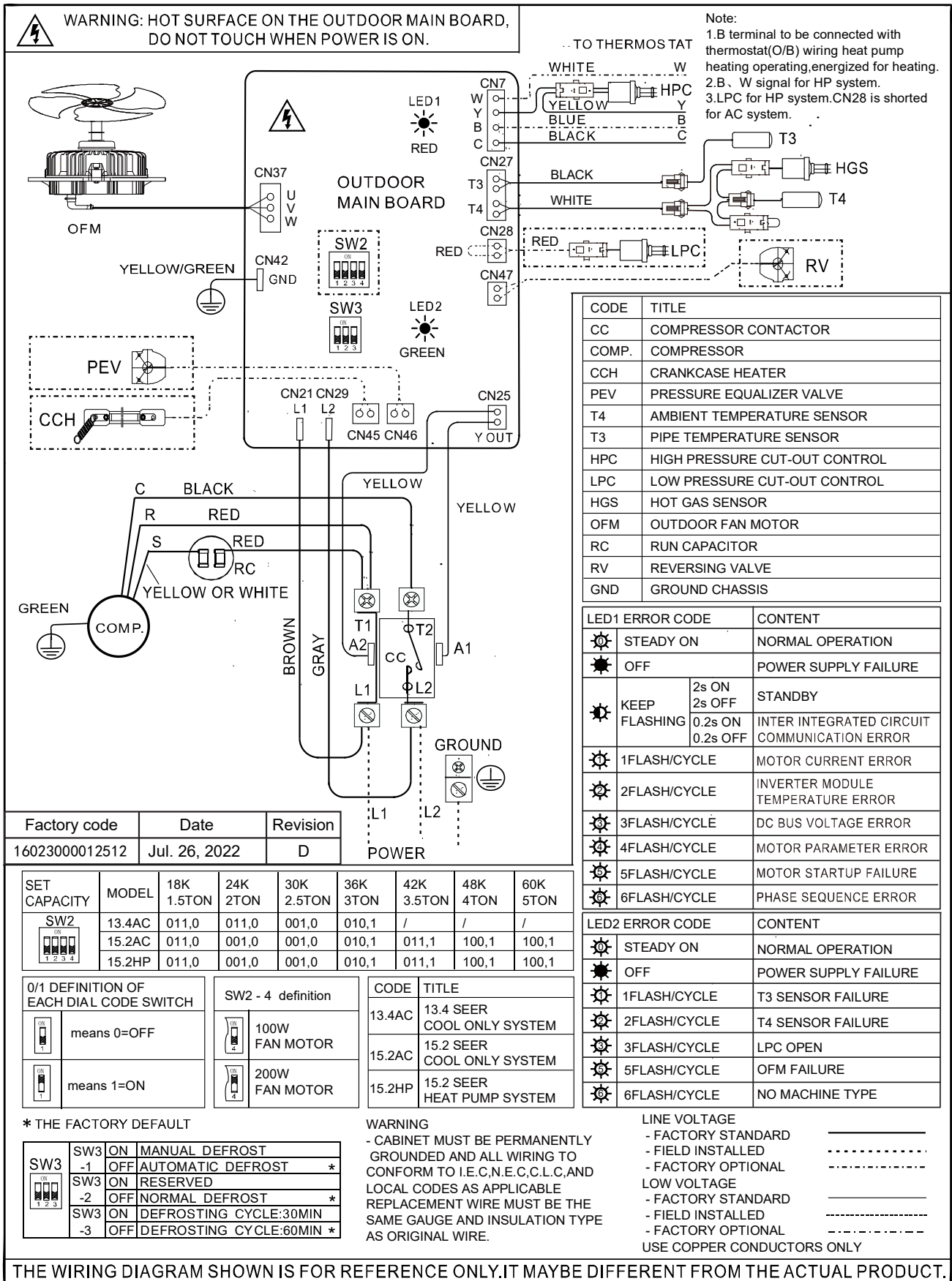
3 Dimensions


| | MOVA-18C N1-M134G | MOVA-24C N1-M134G | MOVA-30C N1-M134G | MOVA-36C N1-M134G |
|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| UNIT DIMENSION AND WEIGHTS | | | | |
| Height (in.) | 24-15/16 | 24-15/16 | 24-15/16 | 24-15/16 |
| Width (in.) | 23-5/8 | 23-5/8 | 28 | 29-1/8 |
| Depth (in.) | 23-5/8 | 23-5/8 | 28 | 29-1/8 |
| Weight (lbs.) | 108 | 119 | 136 | 147 |

| | MOVA-42C N1-M134L | MOVA-48C N1-M134L | MOVA-60C N1-M134L |
|-----------------------------------|------------------------------|------------------------------|------------------------------|
| UNIT DIMENSION AND WEIGHTS | | | |
| Height (in.) | 33-3/16 | 33-3/16 | 33-3/16 |
| Width (in.) | 28 | 28 | 29-1/8 |
| Depth (in.) | 28 | 28 | 29-1/8 |
| Weight (lbs.) | 191 | 189 | 200 |

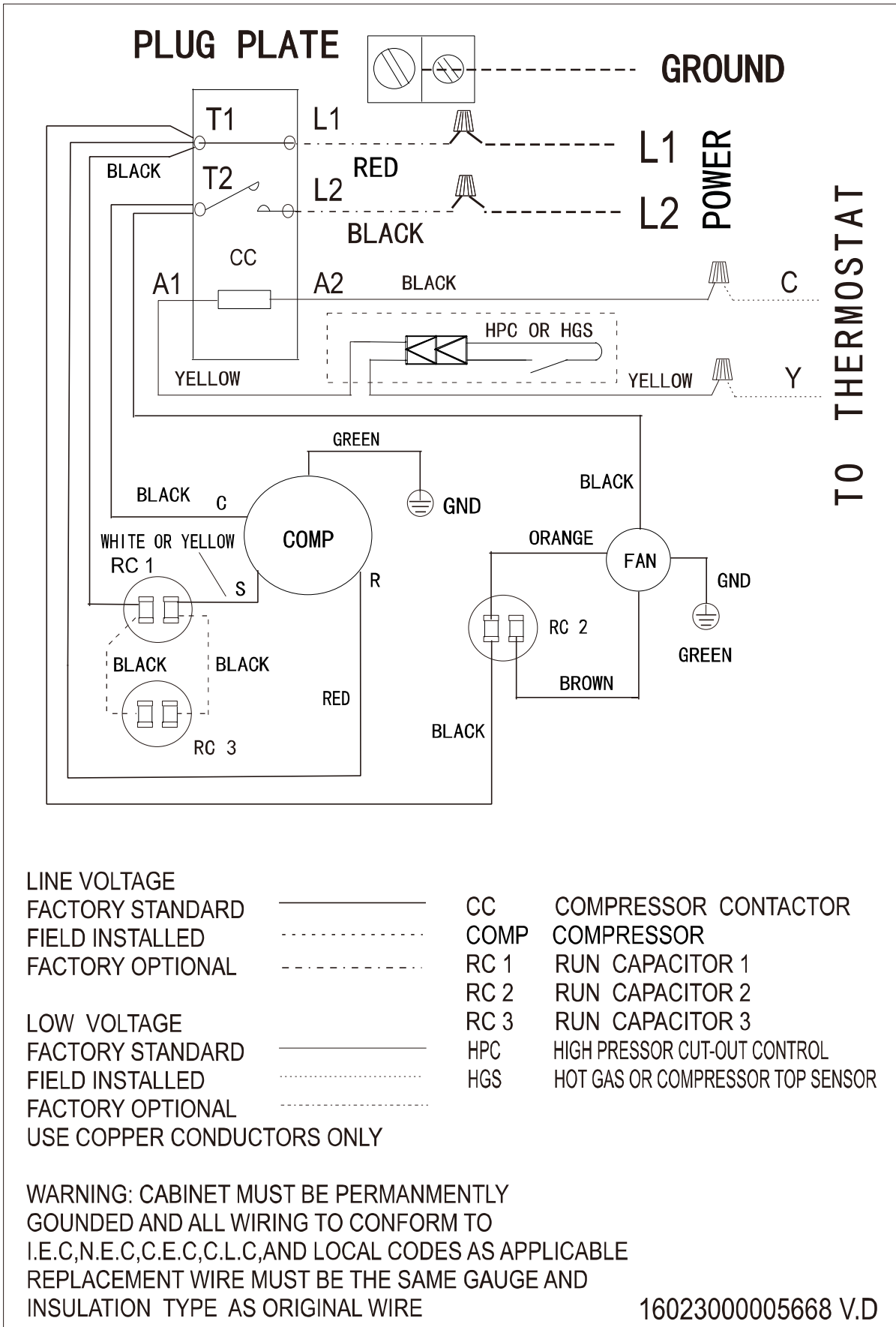
4 Wiring Diagrams

MOVA-18CN1-M134G; MOVA-24CN1-M134G; MOVA-30CN1-M134G; MOVA-36CN1-M134G



Wiring Diagrams

MOVA-42CN1-M134L; MOVA-48CN1-M134L; MOVA-60CN1-M134L



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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

