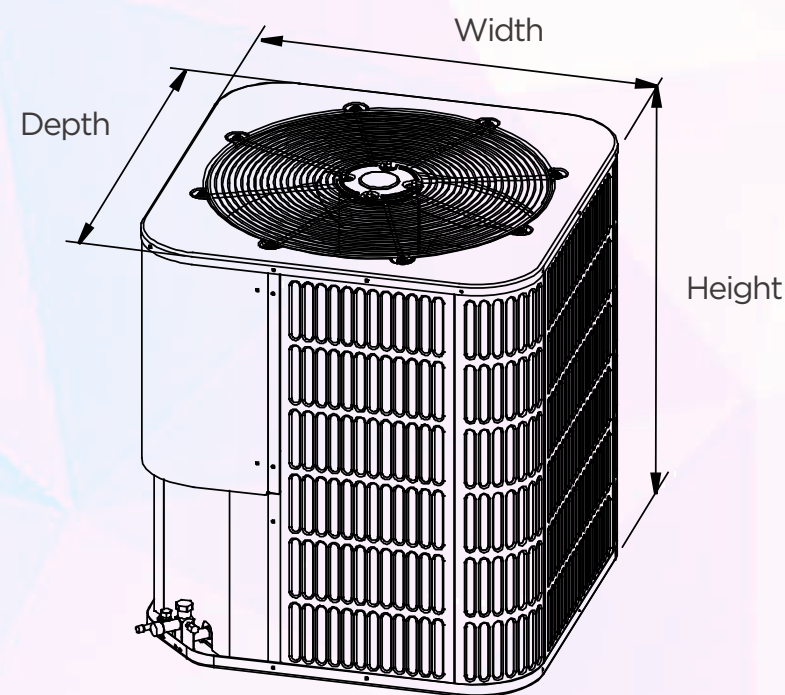


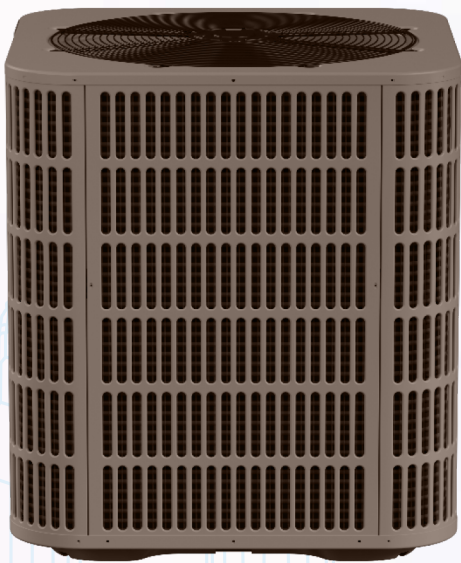
Dimensions



M152H Series  
Heat Pump  
*Up to 15.2 SEER2*

| Model                      | MOVA-18HN1-M152L | MOVA-24HN1-M152L | MOVA-30HN1-M152L | MOVA-36HN1-M152L |
|----------------------------|------------------|------------------|------------------|------------------|
| UNIT DIMENSION AND WEIGHTS |                  |                  |                  |                  |
| Height (in.)               | 24-15/16         | 24-15/16         | 24-15/16         | 33-3/16          |
| Width (in.)                | 23-5/8           | 28               | 28               | 29-1/8           |
| Depth (in.)                | 23-5/8           | 28               | 28               | 29-1/8           |
| Weight (lbs.)              | 137              | 154              | 157              | 179              |

| Model                      | MOVA-42HN1-M152L | MOVA-48HN1-M152L | MOVA-60HN1-M152L | MOVA-61HN1-M152L |
|----------------------------|------------------|------------------|------------------|------------------|
| UNIT DIMENSION AND WEIGHTS |                  |                  |                  |                  |
| Height (in.)               | 33-3/16          | 33-3/16          | 33-3/16          | 33-3/16          |
| Width (in.)                | 29-1/8           | 29-1/8           | 29-1/8           | 29-1/8           |
| Depth (in.)                | 29-1/8           | 29-1/8           | 29-1/8           | 29-1/8           |
| Weight (lbs.)              | 198              | 201              | 218              | 227              |



Fixed speed-system  
Reliable comfort

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

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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.

Midea-Discover Easy Comfort



Specifications

| Model                           | MOVA-18HN1-M152L | MOVA-24HN1-M152L | MOVA-30HN1-M152L | MOVA-36HN1-M152L |
|---------------------------------|------------------|------------------|------------------|------------------|
| NOMINAL CAPACITY                |                  |                  |                  |                  |
| Cooling (BTU/h)                 | 18,000           | 24,000           | 30,000           | 36,000           |
| Heating (BTU/h)                 | 18,000           | 24,000           | 30,000           | 36,000           |
| 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                             | 13.0             | 15.5             | 17.2             | 23.0             |
| MOP                             | 20               | 24               | 30               | 40               |
| COMPRESSOR                      |                  |                  |                  |                  |
| Type                            | Scroll           | Scroll           | Scroll           | Scroll           |
| Stage                           | Single           | Single           | Single           | Single           |
| RLA                             | 8                | 8                | 8                | 8                |
| LRA                             | 48               | 52               | 72               | 75               |
| Crankcase Heater                | Yes              | Yes              | Yes              | Yes              |
| CONDENSER COIL                  |                  |                  |                  |                  |
| Throttle Type                   | Tube & Fin       | Tube & Fin       | Tube & Fin       | Tube & Fin       |
| Tube Size(O.D.)                 | 3/16             | 3/16             | 3/16             | 3/16             |
| FAN MOTOR                       |                  |                  |                  |                  |
| Motor Type                      | ECM              | ECM              | ECM              | ECM              |
| 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.) | 5 LBS.-4 OZ      | 6 LBS.-7 OZ      | 6 LBS.-7 OZ      | 7 LBS.-2 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)                     | 5-86             | 5-86             | 5-86             | 5-86             |
| SOUND POWER (DB)                | 72               | 74               | 73               | 73               |

Specifications

| Model                           | MOVA-42HN1-M152L | MOVA-48HN1-M152L | MOVA-60HN1-M152L | MOVA-61HN1-M152L |
|---------------------------------|------------------|------------------|------------------|------------------|
| NOMINAL CAPACITY                |                  |                  |                  |                  |
| Cooling (BTU/h)                 | 42,000           | 48,000           | 60,000           | 61,000           |
| Heating (BTU/h)                 | 42,000           | 48,000           | 60,000           | 61,000           |
| 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                             | 26.9             | 29.6             | 34.6             | 38.9             |
| MOP                             | 50               | 50               | 60               | 60               |
| COMPRESSOR                      |                  |                  |                  |                  |
| Type                            | Scroll           | Scroll           | Scroll           | Scroll           |
| Stage                           | Single           | Single           | Single           | Two-stage        |
| RLA                             | 8                | 8                | 8                | 29.3             |
| LRA                             | 112.3            | 94               | 127.1            | 118              |
| Crankcase Heater                | Yes              | Yes              | Yes              | Yes              |
| CONDENSER COIL                  |                  |                  |                  |                  |
| Throttle Type                   | Tube & Fin       | Tube & Fin       | Tube & Fin       | Tube & Fin       |
| Tube Size(O.D.)                 | 3/16             | 3/16             | 9/32             | 9/32             |
| FAN MOTOR                       |                  |                  |                  |                  |
| Motor Type                      | ECM              | ECM              | ECM              | ECM              |
| Horsepower (HP)                 | 1-1/3            | 1-1/3            | 1-1/3            | 1-1/3            |
| Full Load Amps (FLA)            | 2.2              | 2.2              | 2.2              | 2.2              |
| REFRIGERATION SYSTEM            |                  |                  |                  |                  |
| Liquid Valve Size (O.D.)        | 3/8              | 3/8              | 3/8              | 3/8              |
| Suction Valve Size (O.D.)       | 7/8              | 7/8              | 7/8              | 7/8              |
| Liquid Line Size ("O.D.)        | 3/8              | 3/8              | 3/8              | 3/8              |
| Suction Line Size ("O.D.)       | 7/8              | 11/8             | 11/8             | 11/8             |
| Refrigerant Charge (lbs. - oz.) | 8 LBS.-7 OZ      | 8 LBS.-7 OZ      | 11 LBS.-5 OZ     | 10 LBS.-14 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)                     | 5-86             | 5-86             | 5-86             | 5-86             |
| SOUND POWER (DB)                | 76               | 76               | 78               | 79               |