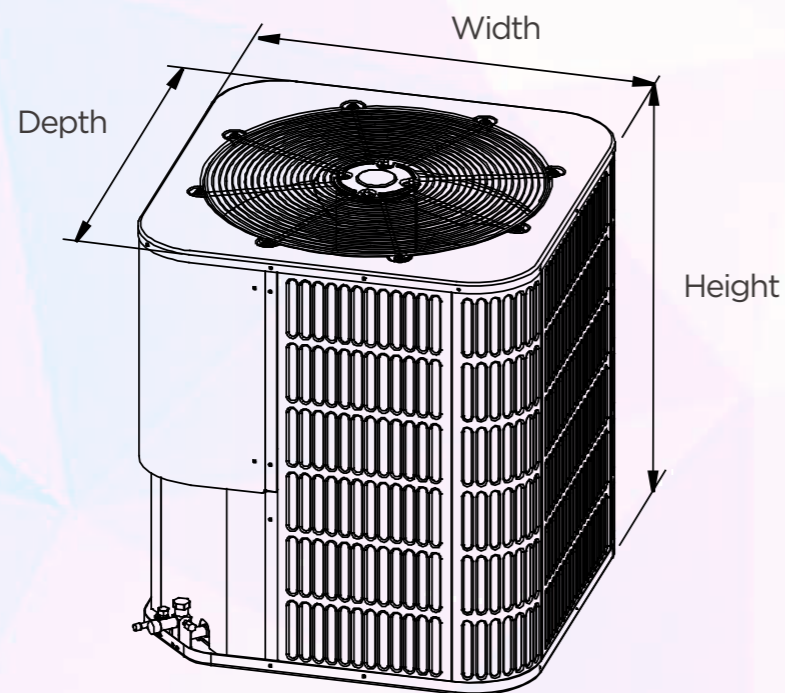


Dimensions



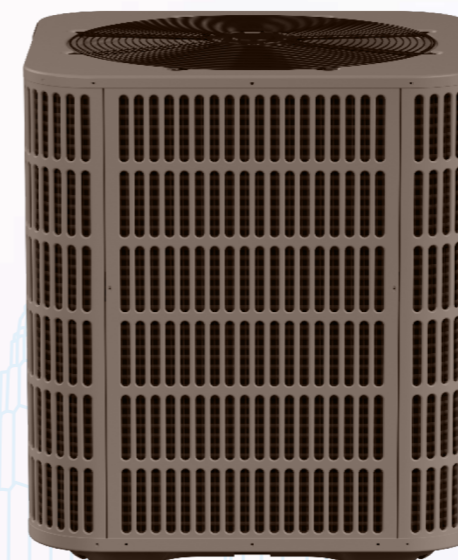
M152H Series Heat Pump

Up to 15.2 SEER2

Fixed speed-system Reliable comfort

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



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