Submittal

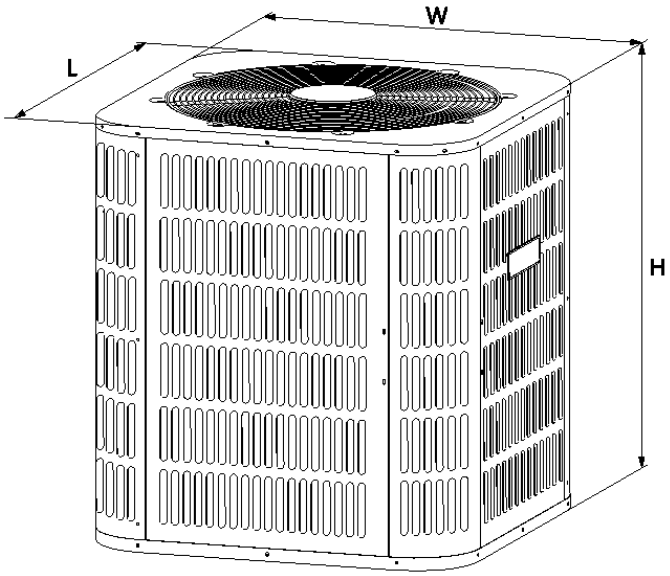
TAG:

Condensing Unit

Midea M134AM Series Air Conditioner

13.4 SEER2

Cooling capacity: 18-60 kBTU/h



Model Size	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "L" in. [mm]	Unit Weight (lbs.[kg])
18	23-5/8 [600]	24-15/16 [633]	23-5/8 [600]	102 [48]
24	28 [710]	24-15/16 [633]	28 [710]	124 [56]
30	28 [710]	24-15/16 [633]	28 [710]	124 [56]
36	29-1/8 [740]	24-15/16 [633]	29-1/8 [740]	143 [65]
42	28 [710]	33-3/16 [843]	28 [710]	176 [80]
48	28 [710]	29-7/8 [759]	28 [710]	165 [75]
60	29-1/8 [740]	33-3/16 [843]	29-1/8 [740]	185 [84]

Specifications

	MOVA-18CN10-M134G	MOVA-24CN10-M134G	MOVA-30CN10-M134G	MOVA-36CN10-M134L
NOMINAL CAPACITY				
Cooling (BTU/h)	17,600	23,600	27,600	33,600
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph
Min. / Max. Voltage (V)	187/253	187/253	187/253	187/253
Min. Circuit Amps (MCA) (A)	12.2	15.5	17.6	21.9
Max. Overcurrent Protection (MOP) (A)	21.2	26.8	30.3	38.0
COMPRESSOR				
Type	Rotary	Rotary	Rotary	Scroll
Stage	Single	Single	Single	Single
Rated Load Amps (RLA) (A)	9.0	11.3	12.7	16.1
Locked Rotor Amps (LRA) (A)	40	55	55	86
Crankcase Heater	No	No	No	No
CONDENSER COIL				
Type	Micro-channel	Micro-channel	Micro-channel	Micro-channel
FAN MOTOR				
Motor Type	ECM	ECM	ECM	ECM
Capacitor(uF)	/	/	/	/
Horsepower (HP)	1/6	1/6	1/3	1/3
Full Load Amps (FLA) (A)	0.9	1.3	1.7	1.7
REFRIGERATION SYSTEM				
Liquid Valve Size (O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Valve Size (O.D.) (in.)	3/4	3/4	3/4	3/4
Liquid Line Size (“O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Line Size (“O.D.) (in.)	3/4	3/4	3/4	3/4
Refrigerant Charge (lbs. - oz.)	3 lbs. 4 OZ.	3 lbs. 11 OZ.	4 lbs. 0 OZ.	3 lbs. 6 OZ.
SOUND POWER (dB(A))	73	75	75	77
OPERATION RANGE				
Cooling (°C)	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9
Cooling (°F)	55~120	55~120	55~120	55~120

	MOVA-42CN10-M134L	MOVA-48CN10-M134L	MOVA-60CN10-M134L
NOMINAL CAPACITY			
Cooling (BTU/h)	41,000	45,000	54,000
ELECTRICAL DATA			
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph
Min. / Max. Voltage (V)	187/253	187/253	187/253
Min. Circuit Amps (MCA) (A)	24.9	29.1	36.9
Max. Overcurrent Protection (MOP) (A)	43.4	50.7	64.6
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
Rated Load Amps (RLA) (A)	18.5	21.6	27.7
Locked Rotor Amps (LRA) (A)	96	95	125
Crankcase Heater	No	No	No
CONDENSER COIL			
Type	Micro-channel	Micro-channel	Micro-channel
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Capacitor(uF)	/	/	/
Horsepower (HP)	1/3	1/3	1/3
Full Load Amps (FLA) (A)	1.7	2.1	2.2
REFRIGERATION SYSTEM			
Liquid Valve Size (O.D.) (in.)	3/8	3/8	3/8
Suction Valve Size (O.D.) (in.)	7/8	7/8	7/8
Liquid Line Size (“O.D.) (in.)	3/8	3/8	3/8
Suction Line Size (“O.D.) (in.)	7/8	7/8	1-1/8
Refrigerant Charge (lbs. - oz.)	4 lbs. 15 OZ.	5 lbs. 12 OZ.	6 lbs. 8 OZ.
SOUND POWER (dB(A))	78	78	80
OPERATION RANGE			
Cooling (°C)	12.7~48.9	12.7~48.9	12.7~48.9
Cooling (°F)	55~120	55~120	55~120

Standard Features：	Cabinet Features:
• Eco-friendly R454B refrigerant with low GWP value. • Energy-efficient compressor. • Equipped with thermal overload protection. • High-efficiency aluminum microchannel condenser. • Service valves with sweat connections and easy-access gauge ports. • Factory-installed high-pressure switch. • AHRI certified and ETL listed. • Filter drier included as accessory.	• Compact design allows for ease of installation, clearance, durability, and maneuverability. • Powder-painted galvanized steel cabinet chassis. • Protective steel louvered coil guard. • Steel wire axial fan guard • ECM fan motor and unique blade style allowing for smooth discharge air and quieter operation.

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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.