Midea

M14 Series Condensing Units

1-½ To 5 Ton
14 SEER

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 guage ports.
- Factory-installed high pressure switch for AC and low pressure switch for HP.
- AHRI certified and ETL listed.

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.

Optional Features

- Filter drier shipped as accessory.
- High pressure switch & low pressure service port (HP only).
- Compressor crankcase heater (HP only).

R410A

Intertek

AHRI CERTIFIED

AHRI CERTIFIED

Specifications - Heat Pump

Model			MOVA-18HN1-M14C	MOVA-24HN1-M14C	MOVA-30HN1-M14C	MOVA-36HN1-M14
Power supply			208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Minimum circuit Amp.		A	11.9	17.5	18.7	21.9
Max. overcurrent protection		A	20	30	30	35
Cooling	Capacity	Btu/h	18,000	23,200	29,000	36,000
	SEER	Btu/h.W	14.0	14.0	14.0	14.0
Heating	Capacity	Btu/h	17,200	22,200	28,600	34,600
	HSPF	Btu/h.W	8.2	8.2	8.3	8.3
Compressor type / brand			Scroll / Copeland	Scroll / Copeland	Scroll / Copeland	Scroll / Copeland
Fan motor	Type		PSC	PSC	PSC	PSC
	Rated RPM	r/min	1,075	1,075	825	825
	Rated HP		1/12	1/12	1/6	1/6
Outdoor coil			Copper tube and Aluminum fin			
Air flow		CFM	1,581	1,581	2,999	3,246
Sound pressure level		dB(A)	62	62	64	64
Dimension	Unit (W×H×D)	inch	23-5/8 × 24-15/16 × 23-5/8	23-5/8 × 24-15/16 × 23-5/8	28 × 24-15/16 × 28	29-1/8 × 24-15/16 × 29-1/8
	Packing (W×H×D)	inch	24-7/10 × 26-1/4 × 24-7/10	24-7/10 × 26-1/4 × 24-7/10	29 × 26-1/4 × 29	30-1/5 × 26-1/4 × 30-1/5
Net / Gross weight		lbs	137/143	136/145	161/169	163/172
Refrigerant connection valve	Liquid side	inch	3/8	3/8	3/8	3/8
	Gas side	inch	3/4	3/4	3/4	3/4
Shipping per STD40HQ			228	228	192	180

Notes:
1. Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require large wire size.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size noted.
3. Always check the rating plate for electrical data on the unit being installed.

Model			MOVA-42HN1-M14	MOVA-48HN1-M14	MOVA-60HN1-M14
Power supply			208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Minimum circuit Amp.		A	24.1	29.0	34.7
Max. overcurrent protection		A	40	50	60
Cooling	Capacity	Btu/h	42,000	48,000	57,000
	SEER	Btu/h.W	14.0	14.0	14.0
Heating	Capacity	Btu/h	40,000	47,000	56,000
	HSPF	Btu/h.W	8.3	8.3	8.3
Compressor type / brand			Scroll / Copeland	Scroll / Copeland	Scroll / Copeland
Fan motor	Type		PSC	PSC	PSC
	Rated RPM	r/min	1,075	1,075	1,075
	Rated HP		1/3	1/3	1/3
Outdoor coil			Copper tube and Aluminum fin		
Air flow		CFM	4,219	4,234	4,269
Sound pressure level		dB(A)	67	67	67
Dimension	Unit (W×H×D)	inch	28 × 29-7/8 × 28	28 × 33-3/16 × 28	29-1/8 × 33-3/16 × 29-1/8
	Packing (W×H×D)	inch	29 × 31-1/5 × 29	29 × 34-1/2 × 29	30-1/5 × 34-1/2 × 30-1/5
Net / Gross weight		lbs	198/209	212/223	240/255
Refrigerant connection valve	Liquid side	inch	3/8	3/8	3/8
	Gas side	inch	3/4	7/8	7/8
Shipping per STD40HQ			144	144	135

Notes:
1. Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require large wire size.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size noted.
3. Always check the rating plate for electrical data on the unit being installed.

Specifications - Air Conditioner

Model			MOVE-18CN1-M14C	MOVE-24CN1-M14C	MOVE-30CN1-M14C	MOVE-36CN1-M14C
Power supply			208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Minimum circuit Amp.		A	12.0	17.6	18.7	21.9
Max. overcurrent protection		A	20	30	30	35
Cooling	Capacity	Btu/h	18,000	24,000	30,000	36,000
	SEER / EER	Btu/h.W	14.0 / 12.2	14.0 / 12.2	14.0 / 12.2	14.0 / 12.2
Heating	Capacity	Btu/h	/	/	/	/
	HSPF	Btu/h.W	/	/	/	/
Compressor type / brand			Scroll / Copeland	Scroll / Copeland	Scroll / Copeland	Scroll / Copeland
Fan motor	Type		PSC	PSC	PSC	PSC
	Rated RPM	r/min	1,075	1,075	825	825
	Rated HP		1/8	1/8	1/6	1/6
Outdoor coil			Copper tube and Aluminum fin			
Air flow		CFM	1,581	2,999	2,999	2,156
Sound pressure level		dB(A)	62	62	64	64
Dimension	Unit (W×H×D)	inch	21-7/8 × 24-15/16 × 21-7/8	23-5/8 × 24-15/16 × 23-5/8	28 × 24-15/16 × 28	29-1/8 × 24-15/16 × 29-1/8
	Packing (W×H×D)	inch	22-9/10 × 26-1/4 × 22-9/10	24-7/10 × 26-1/4 × 24-7/10	29 × 26-1/4 × 29	30-1/5 × 26-1/4 × 30-1/5
Net / Gross weight		lbs	121/128	130/137	148/157	152/161
Refrigerant connection valve	Liquid side	inch	3/8	3/8	3/8	3/8
	Gas side	inch	3/4	3/4	3/4	3/4
Shipping per STD40HQ			320	228	192	180

Notes:
1. Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require large wire size.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size noted.
3. Always check the rating plate for electrical data on the unit being installed.

Model			MOVE-42CN1-M14C	MOVE-48CN1-M14C	MOVE-60CN1-M14L
Power supply			208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Minimum circuit Amp.		A	24.1	29.0	28.0
Max. overcurrent protection		A	40	50	45
Cooling	Capacity	Btu/h	42,000	48,000	57,000
	SEER / EER	Btu/h.W	14.0 / 12.2	14.0 / 11.7	14.0 / 11.7
Heating	Capacity	Btu/h	/	/	/
	HSPF	Btu/h.W	/	/	/
Compressor type / brand			Scroll / Copeland	Scroll / Copeland	Scroll / LG
Fan motor	Type		PSC	PSC	PSC
	Rated RPM	r/min	1,075	1,075	1,075
	Rated HP		1/3	1/3	1/3
Outdoor coil			Copper tube and Aluminum fin		
Air flow		CFM	4,200	4,000	4,269
Sound pressure level		dB(A)	67	67	67
Dimension	Unit (W×H×D)	inch	28 × 33-3/16 × 28	28 × 33-3/16 × 28	29-1/8 × 33-3/16 × 29-1/8
	Packing (W×H×D)	inch	29 × 34-1/2 × 29	29 × 34-1/2 × 29	30-1/5 × 34-1/2 × 30-1/5
Net / Gross weight		lbs	192/203	192/203	203/214
Refrigerant connection valve	Liquid side	inch	3/8	3/8	3/8
	Gas side	inch	3/4	7/8	7/8
Shipping per STD40HQ			144	144	135

Notes:
1. Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require large wire size.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size noted.
3. Always check the rating plate for electrical data on the unit being installed.

Specifications - Air Conditioner (Rotary Compressor)

Model			MOVC-18CN1-M14G	MOVC-24CN1-M14G	MOVC-30CN1-M14G
Power supply			208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Minimum circuit Amp.		A	9.1	11.4	13.9
Max. overcurrent protection		A	15	15	20
Cooling	Capacity	Btu/h	18,000	23,600	29,000
	SEER / EER	Btu/h.W	14.0 / 12.2	14.0 / 12.2	14.0 / 12.2
Heating	Capacity	Btu/h	/	/	/
	HSPF	Btu/h.W	/	/	/
Compressor type / brand			Rotary / GMCC	Rotary / GMCC	Rotary / GMCC
Fan motor	Type		PSC	PSC	PSC
	Rated RPM	r/min	1,075	1,075	825
	Rated HP		1/8	1/8	1/6
Outdoor coil			Micro-channel		
Air flow		CFM	2,050	2,500	3,050
Sound pressure level		dB(A)	62	62	62
Dimension	Unit (W×H×D)	inch	23-5/8 × 24-16/15 × 23-5/8	28 × 24-15/16 × 28	29-1/8 × 24-15/16 × 29-1/8
	Packing (W×H×D)	inch	24-7/10 × 26-1/4 × 24-7/10	29 × 26-1/4 × 29	30-1/5 × 26-1/4 × 30-1/5
Net / Gross weight		lbs	108/115	121/130	134/143
Refrigerant connection valve	Liquid side	inch	3/8	3/8	3/8
	Gas side	inch	3/4	3/4	3/4
Shipping per STD40HQ			228	192	180

Notes:
1. Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require large wire size.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size noted.
3. Always check the rating plate for electrical data on the unit being installed.

Quality Assurance ISO 9001

Environmental Management ISO 14001

Occupational Health and Safety Assessment OHSAS 18001

Midea CAC After-service Application

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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.