



# M14 Series Condensing Units

1-1/2 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.
- ❖ Wind load compliant per Floride Building Code - 2010.
- ❖ Wire fan discharge grille.
- ❖ Steel louver coil guard.

## Optional Features

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



## Commercial Air Conditioner Division

### Midea Group

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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.



Specifications - Air Conditioner

Model		-	MOVE-18CN1-M14L	MOVE-24CN1-M14L	MOVE-30CN1-M14L	MOVE-36CN1-M14L
Capacity	Nominal Cooling (BTU/h)	-	18000	23200	29000	36000
	Nominal Heating (BTU/h)	-	-	-	-	-
Electric Parameter	Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	MCA	A	10.4	13.4	14.7	19.4
	MOP	A	15.0	20.0	25.0	30.0
Compressor Type/Brand		-	Scroll/LG	Scroll/LG	Scroll/LG	Scroll/LG
Outdoor Motor	Type	-	PSC	PSC	PSC	PSC
	Output Horse Power	HP	1/8	1/8	1/6	1/6
	Speed (Rated)	RPM	1075	1075	825	825
	Airflow (Rated)	CFM	1600	1800	2650	2700
Outdoor Coil		Copper tube and Aluminum fin				
Piping Information	Liquid Line Size	inch	3/8	3/8	3/8	3/8
	Vapor Line Size	inch	3/4	3/4	3/4	3/4
Sound Pressure Level (Rated)		dB(A)	62	62	64	64
Dimension & Weight	Unit (W*H*D)	inch	21-7/8x24-15/16x21-7/8	23-5/8x24-15/16x23-5/8	28x24-15/16x28	29-1/8x24-15/16x29-1/8
	Packing (W*H*D)	inch	22-9/10x26-1/4x22-9/10	24-7/10x26-1/4x24-7/10	29x26-1/4x29	30-1/5x26-1/4x30-1/5
	Net/Gross weight	lb	121/128	132/139	148/157	154/163
	Shipping per STD 40HQ	Piece	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-M14L	MOVE-48CN1-M14L	MOVE-60CN1-M14L
Capacity	Nominal Cooling (BTU/h)	-	42000	47500	57000
	Nominal Heating (BTU/h)	-	-	-	-
Electric Parameter	Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	MCA	A	21.6	24.6	28.0
	MOP	A	35.0	40.0	45.0
Compressor Type/Brand		-	Scroll/LG	Scroll/LG	Scroll/LG
Outdoor Motor	Type	-	PSC	PSC	PSC
	Output Horse Power	HP	1/3	1/3	1/3
	Speed (Rated)	RPM	1075	1075	1075
	Airflow (Rated)	CFM	3700	3700	3800
Outdoor Coil		Copper tube and Aluminum fin			
Piping Information	Liquid Line Size	inch	3/8	3/8	3/8
	Vapor Line Size	inch	3/4	7/8	7/8
Sound Pressure Level (Rated)		dB(A)	67	67	67
Dimension & Weight	Unit (W*H*D)	inch	28x33-3/16x28	28x33-3/16x28	29-1/8x33-3/16x29-1/8
	Packing (W*H*D)	inch	29x34-1/2x29	29x34-1/2x29	30-1/5x34-1/2x30-1/5
	Net/Gross weight	lb	190/201	190/201	203/214
	Shipping per STD 40HQ	Piece	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 - Heat Pump

Model		-	MOVB-18HN1-M14L	MOVB-24HN1-M14L	MOVB-30HN1-M14L	MOVB-36HN1-M14L
Capacity	Nominal Cooling (BTU/h)	-	18000	23200	29000	35000
	Nominal Heating (BTU/h)	-	17200	22200	29000	34600
Electric Parameter	Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	MCA	A	10.4	13.4	16.5	19.4
	MOP	A	15.0	20.0	25.0	30.0
Compressor Type/Brand		-	Scroll/LG	Scroll/LG	Scroll/LG	Scroll/LG
Outdoor Motor	Type	-	PSC	PSC	PSC	PSC
	Output Horse Power	HP	1/8	1/8	1/6	1/6
	Speed (Rated)	RPM	1075	1075	825	825
	Airflow (Rated)	CFM	1800	1800	2500	2700
Outdoor Coil		Copper tube and Aluminum fin				
Piping Information	Liquid Line Size	inch	3/8	3/8	3/8	3/8
	Vapor Line Size	inch	3/4	3/4	3/4	3/4
Sound Pressure Level (Rated)		dB(A)	62	62	64	64
Dimension & Weight	Unit (W*H*D)	inch	23-5/8x24-15/16x23-5/8	23-5/8x24-15/16x23-5/8	28x24-15/16x28	29-1/8x24-15/16x29-1/8
	Packing (W*H*D)	inch	24-7/10x26-1/4x24-7/10	24-7/10x26-1/4x24-7/10	29x26-1/4x29	30-1/5x26-1/4x30-1/5
	Net/Gross weight	lb	137/143	139/146	152/161	168/177
	Shipping per STD 40HQ	Piece	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		-	MOVB-42HN1-M14L	MOVB-48HN1-M14L	MOVC-60HN1-M14L
Capacity	Nominal Cooling (BTU/h)	-	41500	48000	54500
	Nominal Heating (BTU/h)	-	41000	47000	54000
Electric Parameter	Power supply	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	MCA	A	21.6	24.6	28.8
	MOP	A	35.0	40.0	45.0
Compressor Type/Brand		-	Scroll/LG	Scroll/LG	Scroll/LG
Outdoor Motor	Type	-	PSC	PSC	ECM
	Output Horse Power	HP	1/3	1/3	1/3
	Speed (Rated)	RPM	1075	1075	1050
	Airflow (Rated)	CFM	3700	3700	3295
Outdoor Coil		Copper tube and Aluminum fin			
Piping Information	Liquid Line Size	inch	3/8	3/8	3/8
	Vapor Line Size	inch	3/4	7/8	7/8
Sound Pressure Level (Rated)		dB(A)	67	67	67
Dimension & Weight	Unit (W*H*D)	inch	28x33-3/16x28	28x33-3/16x28	29-1/8x33-3/16x29-1/8
	Packing (W*H*D)	inch	29x34-1/2x29	29x34-1/2x29	30-1/5x34-1/2x30-1/5
	Net/Gross weight	lb	201/212	203/214	225/238
	Shipping per STD 40HQ	Piece	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.