



18 SEER DC Inverter Duct Split 2/3/4/5 Ton



GD Midea Heating & Ventilating Equipment Co., Ltd.
Is certified under the ISO 14001 International standard
for environmental management.
Certificate No.15912E10020R0L



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GD Midea Heating & Ventilating Equipment Co., Ltd.
Certificate of Occupational Health and Safety Management System
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Note: The data in this book may be changed without notice for further improvement on
quality and performance.

Midea CAC After-service Application



iOS Version



Android Version

Midea CAC News Application



iOS Version



Features

High Energy Efficiency >>

- ❖ DC inverter, ultra high energy efficiency.
- ❖ Adopt high efficiency DC inverter compressor and fan motor.
- ❖ Cooling capacity under 115°F high temperature is 20% much higher than common unit.
- ❖ Energy star.

Safe & High Reliability >>

- ❖ High stability, adopt high pressure sensor to control system.
- ❖ Safe and reliable. Thermal expansion valve control superheat precisely.

Flexible choice of controller >>

- ❖ Wired controller as optional.
- ❖ Other brand thermostat can be matched as optional solution.



KJR-23B(Cooling Only)



KJR-25B(Heat Pump)

Specifications

R410A Condensing Units >>

Model	MOVA-24CDN1-M18M	MOVA-24HDN1-M18M	MOVA-36CDN1-M18M
Power supply	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	24,000	35,200
	SEER	18	18
	EER	12.5	12.2
Heating	Capacity	/	/
	HSPF	/	/
Compressor	Type	DC Inverter Rotary	DC Inverter Rotary
	Brand	Mitsubishi	Mitsubishi
Fan motor	Type	AC	AC
	HP	1/8	1/6
Outdoor coil type	Copper tube and aluminum fin	Copper tube and aluminum fin	Copper tube and aluminum fin
Dimension (WxHxD)	inch 29-1/8x24-15/16x29-1/8	inch 29-1/8x24-15/16x29-1/8	inch 29-1/8x24-15/16x29-1/8
Packing (WxHxD)	inch 30-1/5x26-1/4x30-1/5	inch 30-1/5x26-1/4x30-1/5	inch 30-1/5x26-1/4x30-1/5
Refrigerant pipe	Liquid side	inch 3/8	inch 3/8
	Gas side	inch 3/4	inch 3/4
Shipping per STD 40HQ	180	180	180

Comfortable & Quiet >>

- ❖ Excellent compressor sound insulation material makes lower noise.
- ❖ High stability, adopt high pressure sensor to control system.
- ❖ Adopt arc round fan to make low noise & high efficiency.

Compatibility >>

- ❖ 24V weak electric communication between outdoor and indoor unit. Other brands indoor units such as the four way cassette, ceiling and floor, duct type indoor units can be connected to Midea condensing units by 24V communication.

Flexible installation >>

- ❖ Multi-position for indoor units installation, 4-way convertible design for horizontal left, horizontal right, upflow and downflow.

Model	MOVA-36HDN1-M18M	MOVA-48CDN1-M18G	MOVA-48HDN1-M18G
Power supply	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	34,600	47,000
	SEER	17.5	17.5
	EER	11.6	12.0
Heating	Capacity	33,600	46,500
	HSPF	9.5	9.5
Compressor	Type	DC Inverter Rotary	DC Inverter Rotary
	Brand	Mitsubishi	GMCC
Fan motor	Type	AC	DC
	HP	1/6	1/3
Outdoor coil type	Copper tube and aluminum fin	Copper tube and aluminum fin	Copper tube and aluminum fin
Dimension (WxHxD)	inch 29-1/8x24-15/16x29-1/8	inch 29-1/8x33-3/16x29-1/8	inch 29-1/8x33-3/16x29-1/8
Packing (WxHxD)	inch 30-1/5x26-1/4x30-1/5	inch 30-1/5x34-1/2x30-1/5	inch 30-1/5x34-1/2x30-1/5
Refrigerant pipe	Liquid side	inch 3/8	inch 3/8
	Gas side	inch 3/4	inch 7/8
Shipping per STD 40HQ	180	135	135

Model	MOVA-60CDN1-M18G	MOVA-60HDN1-M18G	MOVA-60HDN1-M18M
Power supply	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	58,000	57,000
	SEER	18	17.5
	EER	11.7	11.2
Heating	Capacity	/	55,000
	HSPF	/	9.5
Compressor	Type	DC Inverter Rotary	DC Inverter Rotary
	Brand	GMCC	GMCC
Fan motor	Type	DC	DC
	HP	1/3	1/3
Outdoor coil type	Copper tube and aluminum fin	Copper tube and aluminum fin	Copper tube and aluminum fin
Dimension (WxHxD)	inch 29-1/8x33-3/16x29-1/8	inch 29-1/8x33-3/16x29-1/8	inch 29-1/8x33-3/16x29-1/8
Packing (WxHxD)	inch 30-1/5x34-1/2x30-1/5	inch 30-1/5x34-1/2x30-1/5	inch 30-1/5x34-1/2x30-1/5
Refrigerant pipe	Liquid side	inch 3/8	inch 3/8
	Gas side	inch 7/8	inch 7/8
Shipping per STD 40HQ	135	135	135

R410A Air Handler >>

Model	MVA-24WN1-M18	MVA-36WN1-M18	MVA-48WN1-M18	MVA-60WN1-M18
Power supply	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Fan motor	Type	ECM	ECM	ECM
	HP	1/3	1/2	3/4
Indoor fan material	Galvanized plate	Galvanized plate	Galvanized plate	Galvanized plate
Air flow (CFM)@Static pressure (IN.W.C)	800@0.1	1,180@0.15	1,560@0.2	1,700@0.2
Indoor coil type	Copper tube and aluminum fin			
Throttle type	TXV	TXV	TXV	TXV
Dimension (WxHxD)	inch 19-5/8x46-1/2x21-5/8	inch 22x54-1/2x24	inch 22x54-1/2x24	inch 22x54-1/2x24
Packing (WxHxD)	inch 22-3/5x47-4/5x22-7/10	inch 25x55-4/5x27-7/10	inch 25x55-4/5x27-7/10	inch 25x55-4/5x27-7/10
Refrigerant pipe	Liquid side	inch 3/8	inch 3/8	inch 3/8
	Gas side	inch 3/4	inch 3/4	inch 7/8
Shipping per STD 40HQ	154	104	104	104

Notes:

Energy Efficiency Ratio @ 95°F, Certified per ARI 210/240.

Rated cooling capacity @ 95°F, outdoor per ARI 210/240.

Rated heating capacity @ 47°F, outdoor per ARI 210/240.