



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.





Large Split Side Discharge DC Inverter Series R410A 50Hz



2022 MAKE A BEAUTIFUL TOMORROW

Midea MBT

Midea MBT(Midea Building Technologies) is a key division of the Midea Group, a leading provider of comprehensive solutions of intelligent building, involving energy sources, elevators, control systems, and heating, ventilation & air conditioning. Midea MBT has continued with the tradition of innovation upon which it was founded and emerged as a global leader in the HVAC and building management industry. A strong drive for advancement has resulted in an extensive R&D department that has placed Midea MBT at the forefront of a competitive edge. Through these independent projects and joint-cooperation with other global enterprises, Midea has supplied thousands of innovative solutions to customers worldwide.



2000-2001

Cooperated with Toshiba and Copeland, enter VRF field

2008-2009

 Developed DC inverter technology with Toshiba Launched the DC Inverter V4 globally

2014

Launched the All DC Inverter V5X globally, outstanding product performance helps Midea leading VRF market

Several production bases are situated on Shunde, Chongqing, Hefei, and Italy. MBT Shunde: 38 product lines focusing on VRF, Split Products, Heat Pump Water Heaters and AHU/FCU. MBT Chongging: 14 product lines focusing on Water Cooled Centrifugal/Screw/Scroll Chillers, Air Cooled Screw/Scroll Chillers and AHU/FCU.

MBT Hefei: 11 product lines focusing on VRF, Chillers and Heat Pump Water Heaters. Clivet S.p.A: 50,000m2 workshop in Feltre and Verona, covering products such as ELFO system, hydronic, WHLP, packaged, split and close control and so on.

2014-2015

 Won FIFA World Cup Stadiums project in Brazil Beira Rio, Olympic Games Stadiums project in Brazil • Rio de Janeiro and Africa games Stadiums project in Congo Brazzaville successively

2011-2014

Launched the DC Inverter V4 Plus Series successively, complete product lines help Midea successfully enter the mainstream VRF marke

2011-2012

J.V. with Carrier LA and Carrier India successively

2017-2018

Launched the new generation heat pump VRF globally, leading in VRF market

2016 Acquired 80% stake in Clivet

1999 Entered the building technology field

2020-2021

2018-2019

Launched the All DC Inverter Cooling Only VC Pro VRF, ultra cool for hot regions

• Launched the new generation heat recovery VRF V6R Series globally, providing complete HVAC solutions and satisfying all building needs from one manufacturer • Acquired the Chinese national brand Winone Elevator and entered the elevator industry.

MBT Learning Academy



Objective

MBT Learning Academy aims to provide training to the sales personnel as well as technical personnel in order to increase the utilization for your MBT equipment. Once you have purchased equipment from MBT, taking care of the equipment is topmost priority. MBT Learning Academy offers training courses to learn firsthand from the manufacturer what it takes to get the best out of your MBT product. The goal of MBT Learning Academy is to provide product specific training, safe work procedures and expertise in carrying out the installation and maintenance of MBT products as well as teaching the main selling points in order to help the sales people sell the MBT products with ease.

Training Centers

Our world class training centers provide knowledge and skills necessary to efficiently deploy MBT technologies. The training centers include dedicated laboratories to provide hands-on experiences with various systems, components and controls to refresh and enhance the skills of your sales, design and installation and service teams. Right now we operate our trainings from the below two locations:

1. MBT Training Center

Address: MBT Training Center, 2nd Floor, Building 6, Midea Global Innovation Center, Beijiao, Shunde, Foshan, China Pin-528311

The Midea MBT Training Center is situated 70 kilometers from Baiyun Guangzhou International Airport. Products: VRF, M thermal

2. Chongqing Midea Training Center

Address: No. 15, Qiangwei Road, Nan'an District, Chongqing, China Chongqing Midea Training Center is 35 kilometers from Chongqing International Airport. Products: Centrifugal Chiller, Screw/Scroll Chiller and Terminals



VRF training

M thermal training



Global Technical Trainings

The training courses by MBT Learning Academy are divided into the following two categories with different targeted audiences for each.

Design and Application Trainings: The design and application trainings for various products are basically for the sales personnel selling MBT products in order to give them basic understanding about the main features. The trainings are conducted on a global level inviting sales engineers, technical engineers, consultants and project designers from different parts of the world.

After Sales- Service Trainings: These trainings are dedicated for the After Sales/ Service personnel in order for them to better carry out the installation, commissioning and maintenance of MBT products. Technical person and engineers from different parts of the world are invited to take part in these trainings.

Online Trainings: The trainings to the Global customers can also be done online with the help of Team and Midea Meeting software. This way, the customers do not need to be physically present for the training. Amid the COVID-19 pandemic, MBT Learning Academy has conducted a lot of online trainings. The training videos are available on the TSP system and can be downloaded by using QR codes.

Products: VRF, M thermal, Chillers and Terminals

Highly Skilled Trainers: The trainers for various courses by MBT Learning Academy are expert people with vast experiences in their field. Most of them have a deep insight about the global HVAC market and help the attendees to better understand the MBT products.

Training Certificates:

The attendees for Global trainings are provided a training certificate highlighting the courses discussed in the training, signed by Mr. Henry Cheng, General Manager of MBT Overseas Sales Company.

Registration:

You can contact your respective Midea contact point to provide you with the complete schedule about the global technical trainings as well as how to register for these trainings.

For further enquiries about the Global Trainings conducted by MBT Learning Academy, please send email at the following email address: peeyush@midea.com

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Course List

Midea Global Spare Parts Center

The global spare parts center provides high quality and fast spare parts supply. Midea online system (https://tsp.midea.com) can query and purchase spare parts with one click, further shortening the supply time of spare parts.

Country / Territory **United States Puerto Rico**

Iceland Russia REGIONAL SPARE PARTS CENTER IN GEORGIA Belarus Kazakhstan ekistan Kyrgyzstan likistan



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Introduction

Midea split type air conditioners are designed and manufactured to meet the requirements of the home, office, hotel and others public occasion use. The units are completely assembled, internally wired, charged outdoor unit with refrigerant at the factory.

Large Split Side Discharge DC Inverter Series

	Device Guerelu			Nominal Cooling Capacity (kBtu/h)			
Application	Power Supply		38	48	76	96	
			Medium static pressure duct indoor unit				0
R410A T1	220-240V, 1Ph~,50Hz	Indoor units	High static pressure duct indoor unit				0
(DC Inverter) (Heat Pump)			Floor standing indoor unit				0
	380-415V, 3N~,50Hz		Outdoor units		-		0
	220-240V, 1Ph~,50Hz		Medium static pressure duct indoor unit		35	0	0
R410A T1		Indoor units	High static pressure duct indoor unit	100	1 La	0	0
(DC Inverter) (Cooling Only)			Floor standing indoor unit		1.2	0	0
		1221	Outdoor units		P	0	0

General Features

84104

8410A



0

General Features for Large Split Side Discharge DC Inverter Series

Outdoor Unit

DC inverter technology, precise temperature control

The DC inverter compressor system reaches full load rapidly providing less temperature fluctuation and improved living environment.

> Stepless inversion, precise temperature control, comfortable and healthy







DC inverter technology New generation 180° sine w





High-precision EXVs Each EXV part achieves 480 pulse rate to

High-precision temperature senso It can react to temperature fluctuations with

a precision of 0.5°C

Refrigerant cooling PCB

The outdoor unit uses refrigerant cooling technology to cool the electric control box guaranteeing the stable and safe running of the control system.

It improves the high temperature cooling capabilities, resulting in a system that can provide powerful cooling in 55°C environment, with increased high temperature cooling efficiency of 15~20%, rapidly cools in high temperature environments, with a temperature drop rate that is 5-10% faster than that of conventional ACs.





* The above data was cited from a nationally accredited laboratory

Brand name components, smart manufacturing, professionalism, and premium guality

Combines a variety of multi-core components such as brand name DC inverter compressors, high efficiency heat exchanger, and a high functionality motor. This ensures that the system is high quality, energy-saving, quiet, and durable.



Compressor of renowned brand Utilizes brand name high-efficiency DC inverter compressor for powerful operation that is more energy efficient and stable.



Efficient Heat Exchanger Features an overlapping multiple-outlet

route design, distributing the flow of air more evenly, delivering higher heat transfer and increased efficiency.



High functionality motor Utilizes new manufacturing technology and

materials to effectively mitigate wear and tear and improve operating efficiency.



Quiet fan blades

The structure of this unit's fan blades has been optimized using CFD technology, reducing the electric motor's energy consumption and operating noise.

Silence technology ensures a guiet operating environment

To implement quieter running of IDU and ODU, we used advanced technologies such as CFD and FEM, researching the sources of component vibration in air conditioning systems and optimizing the fan's blades, resulting in an air conditioning unit that creates a more comfortable and harmonious work environment for customers.





• Newly-designed air guide ring • Newly-designed air outlet grille • Motor mount features a vibration-reduction desian

A long-pipe high-drop design allows flexible installation and optimizes space

A long-pipe high-drop design allows users to flexibly select the installation location, optimizing the use of space.





Matchable Table One drive one system









- New-generation DC inverter compressor with high performance and low noise Compressor soundproof enclosure processing
- Vibration-reduction design of 3D simulation pipe



- Large vibration-reduction axial fan
- Refrigerant flow muffling Vibration-reduction outer casing for outdoor unit

Creates a small footprint, saving installation space

The outdoor unit has a small footprint with only 0.333m² for a 8/10HP cooling only unit, which can significantly save installation apace.





Medium static pressure duct



High static pressure duct



Floor standing unit

Duct Indoor Unit Series

1000





Convenient installation

- ✤ Compact design. Concealed installation without floor space requirement.
- + Hidden in the ceiling, unit installation is not hindered by the location of lighting fixtures or room structure.
- Air inlet & outlet flange are standard for easy duct connection.
- Easy maintenance through the inspection port.

Free air duct design

- * Multi diffusers from one indoor unit, air-conditioned multi rooms at the same time.
- * Three speeds of air supply can be chosen via controller.
- * The indoor unit is suitable for various applications where there are many rooms or halls, such as restaurant, concert halls and hotels.
- Flexible duct design for different room styles.







Anti-Cold Air Function











Wired Controller



Specifications

T1 Application

DC inverter medium static pressure duct, heat pump DC inverter high static pressure duct, heat pump

MTA-96HWAN1 MHA-96HWAN1



Specifications

MOUB-96HD1N1-R

Nodel	lodel		MTA-96HWAN1	MHA-96HWAN1
Outdoor unit model	/ Quantity		MOUB-96HD1N1-R / 1	MOUB-96HD1N1-R / 1
'ower supply			220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz
	Capacity	kW	28.00	28.00
oolina	Input	kW	10.77	11.20
Jooning	EER	W/W	2.60	2.50
	SEER	W/W	3.90	3.80
	Capacity	kW	31.50	31.00
leating	Input	kW	9.55	9.39
	COP	W/W	3.30	3.30
	HSPF	W/W	4.62	4.62
ax. power input		W	14000 (Whole unit)	14000 (Whole unit)
ax. current		A	29 (Whole unit)	29 (Whole unit)
r flow (H)		m³/h	4400	4600
xternal static pressur	ternal static pressure		100Pa	50 ~ 200
loise level (H)	pise level (H)		55	55
20	Туре	/	Centrifugal	Centrifugal
	Drive type	/	Direct	Direct
oil	sil		Copper tube and aluminum fin	Copper tube and aluminum fin
ontroller		/	Wired controller	Wired controller
	Liquid	mm	Ф9.53	Ф9.52
efrigerant pipe	Gas	mm	Ф22.2	Ф22
	Body (W×H×D)	mm	1462×462×797	1462×462×797
imension	Packing (W×H×D)	mm	1555×500×875	1555×500×875
et / Gross weight		ka	85/94	90/99

Model			MOUB-96HD1N1-R	
Outdoor unit power supply			380-415V~, 3Ph, 50Hz	
Max. power input		kW	12.4 (Outdoor unit)	
Max. current		А	24.1 (Outdoor unit)	
Noise level		dB(A)	60	
Compressor	Туре	/	Rotary	
Compressor	Quantity	/	1	
Pdfrigoropt	Туре	/	R410A	
Kolfigerant	Quantity	/	6kg	
Fan type		/	Axial fan	
Coil		/	Copper tube and aluminum fin	
Refrigerant	Liquid	mm	Ф9.52	
pipe	Gas	mm	Φ22	
Ambient temperature	Cooling	°C	10~55	
	Heating	°C	-15~27	
Dimension	Body (W×H×D)	mm	1120×1558×528	
	Packing (W×H×D)	mm	1270×1720×565	
Net / Gross weight		kg	142/164	

Notes:

1. The cooling capacity test condition: Outdoor ambient temperature: 35°C, indoor temperature 27°C DB / 19°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.

2. Heating capacity test condition: Outdoor ambient temperature: 7°C DB / 6°C WB, indoor temperature 20°C DB / 15°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m. 3. Specifications are subject to change without prior notice for product improvement.



Duct Indoaor Unit Series

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Specifications

T1 Application DC inverter medium static pressure duct, cooling only DC inverter high static pressure duct, cooling only MTA-96CWDN1 MTA-76CWDN1 MHA-96CWDN1 MHA-76CWDN1



Specifications

MOUC-96CDN1-R MOUC-76CDN1-R

		MTA-96CWDN1	MTA-76CWDN1	MHA-96CWDN1	MHA-76CWDN1		
у		MOUC-96CDN1-R/1	MOUC-76CDN1-R/1	MOUC-96CDN1-R/1	MOUC-76CDN1-R/1		
		220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz		
Capacity	kW	28.8	23.5	28.8	23.5		
Input	kW	13.9	11.2	14.4	11.5		
EER	W/W	2.07	2.1	2	2.04		
SEER	W/W	3.1	3.3	3.1	3.2		
	W	1000 (Indoor unit)	1000 (Indoor unit)	1200 (Indoor unit)	1200 (Indoor unit)		
Air flow m³/h		4400	4400	4600	4600		
itandard external static pressure Pa		100Pa (50-150pa)	100Pa (50-150pa)	150Pa (50-196pa)	150Pa (50-196pa)		
Noise level dB(A)		55/53/51	55/53/51	55/53/51	55/53/51		
Туре		Centrifugal	Centrifugal	Centrifugal	Centrifugal		
Drive type		Direct	Direct	Direct	Direct		
		Copper tube and aluminum fin					
Controller			Wired controller	Wired controller	Wired controller		
Liquid	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53		
Gas	mm	Φ22.2	Φ22.2	Ф22.2	Ф22.2		
Net (W×H×D)	mm	1462×462×797	1462×462×797	1462×462×797	1462×462×797		
Packing (W×H×D)	mm	1555×500×875	1555×500×875	1555×500×875	1555×500×875		
Net/Gross weight kg		85/94	85/94	90/99	90/99		
	Capacity Capacity Input EER SEER Dive type Drive type Capacity Input Drive type Drive type	Ange of the second sec	MTA-96CWDN1 MOUC-96CDN1-R/1 220-240V, 1Ph~, 50Hz Capacity kW 228.8 Input kW 28.8 Input kW 3.1 EER W/W 3.1 SEER W/W 3.1 V 9a 1000 (Indoor unit) MOUC-96CDN1-R/1 MOUC-96CDN1-R/1 EER W/W 28.8 EER W/W 20.07 SEER W/W 3.1 V 1000 (Indoor unit) MOUC-96CDN1-R/1 V 9a 10000 (Indoor unit) Imput MW 3.1 M 4400 3.1 Imput MB(A) 55/53/51 Imput GB(A) 55/53/51 Imput Imput Imput Imput <thimput<< td=""><td>MTA-96CWDN1 MTA-76CWDN1 MOUC-96CDN1-R/1 MOUC-76CDN1-R/1 MOUC-3020407, IPh~, 50Hz 220-2407, IPh~, 50Hz Capacity kW 28.8 23.5 Input kW 13.9 11.2 EER W/W 2.07 2.1 SEER W/W 3.1 3.3 V 1000 (Indoor unit) 1000 (Indoor unit) SEER W/W 3.1 3.3 V 1000 (Indoor unit) 1000 (Indoor unit) V Pa 100Pa (50-150pa) 100Pa (50-150pa) Ippe Pa 100Pa (50-150pa) 100Pa (50-150pa) Type Centrifugal Centrifugal Centrifugal Type Centrifugal Centrifugal Centrifugal Direct Direct Direct Copper tube at the atter at</td><td>MTA-96CWDN1 MTA-76CWDN1 MHA-96CWDN1 MOUC-96CDN1-R/1 MOUC-96CDN1-R/1 MOUC-96CDN1-R/1 Zabartine Zabartine Zabartine Zabartine Capacity kW Zabartine Zabartine Zabartine Input W/W Zabartine Zabartine Zabartine Input MW Zabartine Zabartine Zabartine Input MW Zabartine Zabartine Zabartine Input MW <thinput< th=""> Input Input<!--</td--></thinput<></td></thimput<<>	MTA-96CWDN1 MTA-76CWDN1 MOUC-96CDN1-R/1 MOUC-76CDN1-R/1 MOUC-3020407, IPh~, 50Hz 220-2407, IPh~, 50Hz Capacity kW 28.8 23.5 Input kW 13.9 11.2 EER W/W 2.07 2.1 SEER W/W 3.1 3.3 V 1000 (Indoor unit) 1000 (Indoor unit) SEER W/W 3.1 3.3 V 1000 (Indoor unit) 1000 (Indoor unit) V Pa 100Pa (50-150pa) 100Pa (50-150pa) Ippe Pa 100Pa (50-150pa) 100Pa (50-150pa) Type Centrifugal Centrifugal Centrifugal Type Centrifugal Centrifugal Centrifugal Direct Direct Direct Copper tube at the atter at	MTA-96CWDN1 MTA-76CWDN1 MHA-96CWDN1 MOUC-96CDN1-R/1 MOUC-96CDN1-R/1 MOUC-96CDN1-R/1 Zabartine Zabartine Zabartine Zabartine Capacity kW Zabartine Zabartine Zabartine Input W/W Zabartine Zabartine Zabartine Input MW Zabartine Zabartine Zabartine Input MW Zabartine Zabartine Zabartine Input MW <thinput< th=""> Input Input<!--</td--></thinput<>		

Outdoor unit model			MOUC-96CDN1-R	MOUC-76CDN1-R
Outdoor unit power supply			380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz
Max. power input		kW	14 (Outdoor unit)	14 (Outdoor unit)
Max. current		A	32 (Outdoor unit)	32 (Outdoor unit)
Noise level		dB(A)	62	62
C	Туре	/	Rotary	Rotary
Compressor	Quantity	/	1	1
Define and	Туре	/	R410A	R410A
Refrigerant	Quantity	Kg	3.9	3.9
Fan type / Drive type /		/	Axial fan/Direct	Axial fan/Direct
Coil			Copper tube and aluminum fin	Copper tube and aluminum fin
	Liquid	mm	Ф9.53	Ф9.53
Refrigerant piping size	Gas	mm	Φ22.2	Ф22.2
Ambient temperature	Cooling	°C	10-55	10-55
	Body (W×H×D)	mm	978×1327×400	978×1327×400
Dimension	Packing (W×H×D)	mm	1082×1460×435	1082×1460×435
Net / Gross weight		kg	115/125	115/125



Foor-standing Indoor Unit Seires

Floor-standing Indoor Unit



Strong wind, long distance air supply



Touch screen control



Washable inlet air filter













Auto Defrosting



PTC Heater

Optiona

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Specifications

T1 Application

Heat pump



Indoor unit model			MFA-96HWAN1-R	
Outdoor unit model / Qua	antity		MOUB-96HD1N1-R	
Indoor unit power supply			220-240V, 1Ph~, 50Hz	
Cooling	Capacity	kW	28.00	
Cooling	Input	kW	10.77	
	EER	W/W	2.60	
	SEER	W/W	3.90	
Heating	Capacity	kW	30.00	
rieating	Input	kW	9.38	
	COP	W/W	3.20	
	HSPF	W/W	4.48	
Max. power input		W	13000 (Whole unit)	
Max. current		A	27 (Whole unit)	
Air flow (Hi)		m³/h	4500	
Noise level		dB(A)	60	
Fan type / Drive type			Centrifugal / Direct	
Coil			Copper tube and aluminum fin	
Controller			Remote controller	
C	Net (W×H×D)	mm	1200×1860×518	
Dimension	Packing (W×H×D)	mm	1270×2040×560	
Net / Gross weight	Net / Gross weight		140 / 155	



Outdoor unit model			MOUB-96HD1N1-R	
Outdoor unit power supply			380-415V, 3Ph~, 50Hz	
Max. power input		kW	12.4 (Outdoor unit)	
Max. current		A	24.1 (Outdoor unit)	
Noise level		dB(A)	60	
Compressor (Type / Quantity)			Scroll / 1	
Refrigerant (Type / Quantity)			R410A / 6kg	
Fan type / Drive type			Axial / Direct	
Coil			Copper tube and aluminum fin	
Refrigerant piping size		mm	Φ9.52 (Liquid), Φ22 (Gas)	
Ambient temperature °C		°C	10~55 (Cooling) / -15~27 (Heating)	
Dimension	Body (W×H×D)	mm	1120×1558×528	
Differmion	Packing (W×H×D)	mm	1270×1720×565	
Net / Gross weight		kg	142 / 164	

Notes:

1. Cooling capacity test condition: Outdoor ambient temperature: 35°C, indoor temperature 27°C DB / 19°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.

2. Heating capacity test condition: Outdoor ambient temperature: 7°C DB / 6°C WB, indoor temperature 20°C DB / 15°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m. 3. Specifications are subject to change without prior notice for product improvement.

Specifications

T1 Application Cooling only

Indoor unit model/Quantity Outdoor unit model / Quantity			MFA-96CRDN1	MFA-76CRDN1 MOUC-76CDN1-R/1	
			MOUC-96CDN1-R/1		
Panel / Quantity			/	/	
Branch joint / Quantity			/	/	
Indoor unit power supply			220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	
	Capacity	kW	29.5	23.5	
Caslina	Input	kW	13.92	11	
Cooling	EER	W/W	2.12	2.14	
	SEER	W/W	3.3	3.4	
Max. power input W		600 (Indoor unit)	600 (Indoor unit)		
Air flow		m³/h	4500	4500	
Noise level dB(A)		dB(A)	60/58/56	60/58/56	
F	Туре		Centrifugal	Centrifugal	
Fan	Drive type		Direct	Direct	
Coil			Copper tube at	nd aluminum fin	
Controller			Remote controller	Remote controller	
D. (i	Liquid	mm	Ф9.53	Ф9.53	
ketrigerant pipe	Gas	mm	Φ22.2	Φ22.2	
Dimension	Net (W×H×D)	mm	1200×1860×518	1200×1860×518	
	Packing (W×H×D)	mm	1270×2040×560	1270×2040×560	
Net/Gross weight kg		kg	140 / 155	140 / 155	

Outdoor unit model			MOUC-96CDN1-R	MOUC-76CDN1-R	
Outdoor unit power supply			380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz	
Max. power input		kW	14 (Outdoor unit)	14 (Outdoor unit)	
Max. current		A	32 (Outdoor unit)	32 (Outdoor unit)	
Noise level		dB(A)	62	62	
Comprossor	Туре	/	Rotary	Rotary	
Compressor	Quantity	/	1	1	
Pofrigorapt	Туре	/	R410A	R410A	
nenigerant	Quantity	Kg	3.9	3.9	
Fan type / Drive type		/	Axial fan/Direct	Axial fan/Direct	
Coil			Copper tube and aluminum fin	Copper tube and aluminum fin	
Pofrigorant piping size	Liquid	mm	Ф9.53	Ф9.53	
nemgerant piping size	Gas	mm	Ф22.2	Ф22.2	
Ambient temperature	Cooling	°C	10-55	10-55	
Dimonsion	Body (W×H×D)	mm	978×1327×400	978×1327×400	
DITIENSION	Packing (W×H×D)	mm	1082×1460×435	1082×1460×435	
Net / Gross weight		kg	115/125	115/125	

Notes:

1. T1 cooling capacity test condition: Outdoor ambient temperature: 35°C, indoor temperature 27°C DB / 19°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.

2. Heating capacity test condition: Outdoor ambient temperature: 7°C DB / 6°C WB, indoor temperature 20°C DB / 15°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.

3. Speci cations are subject to change without prior notice for product improvement.







Dimensions

T1 application

Indoor unit: MHA-96HWAN1, MTA-96HWAN1, MHA-96CWDN1, MHA-76CWDN1, MTA-96CWDN1, MTA-76CWDN1 (Units: mm)

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T1 application Outdoor unit: MOUB-96HD1N1-R (Units: mm)





T1 application

Outdoor unit: MOUC-96CDN1-R, MOUC-76CDN1-R, MOUC-96CDN1-C, MOUC-76CDN1-C (Units: mm)





Controllers





Remote Controller - R51



Parameter

Model: R51/CE (Cooling only type) R51/E (Heat pump type) Dimension (mm): 140×60×15 Power: 1.5V (LR03/AAA)×2



RM05

Parameter

Model: RM05 Dimension (mm): 150×65×20 Power: 1.5V (LR03/AAA)×2

Standard features

- * It provides a convenient way for users to control the air conditioners everywhere within a range up to 11m.
- Built-in daily timer offers the convenience of automatically starting and turning down the air conditioners according to the set time.

Wired Controller - KJR-29B



Parameter

Model: KJR-29B (Touch-style key) Dimension (mm): 120×120×20 Power: From the display panel, extra power is unnecessary.

Standard features

- * Keyboard locking function as standard, it can be used to prevent other people from using the controller.
- Built-in daily timer offers the convenience of automatically starting and turning down the air conditioners according to the set time.

Remote signal receiving function

- * KJR-29B provides a signal receiver to receive the signal from remote controller.
- * The received signal can be directly sent to the indoor unit by wired controller. It is convenient to control the air conditioner.



Silent mode

 During the operating, when operate the silent mode, the units can reduce the running noise through setting the fan speed to low automatically. It will help you bring a quieter environment.

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