PRODUCT CATALOGUE 2022

LIGHT COMMERCIAL AIR CONDITIONER

Residential Air Conditioner Division
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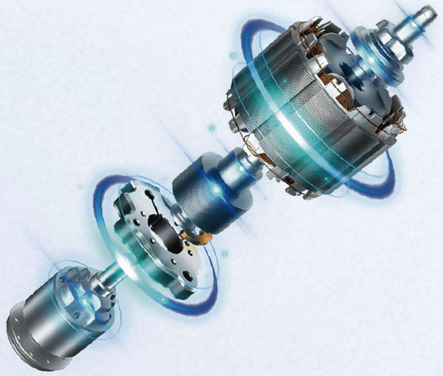
Specifications are subject to change without notice.

Midea Group

World's Leading Technology Group

- Founded in 1968
- A world-leading technology group across fields of consumer appliances, HVAC systems, robotics and industrial automation systems
- Ranked 307th on 2019 Fortune Global 500
- Exporting to more than 200 countries
- Ranked 27th in 2020 Brand Finance top 100 the most valued technology Brand
- Ranked 308th on 2020 Forbes Global 500
- Ranked 288th on 2021 Forbes Global 500 2020 revenue of 44.1 B USD

General Features



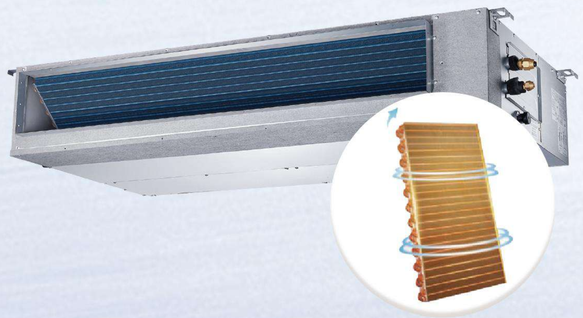
Durable Compressor

(No.1 market share)
A strong heart - the efficient and reliable GMCC compressor guarantees durable operation. One third of compressors used around the world are supplied by GMCC due to its stable quality and excellent performance.

Golden Fin

Outdoor Unit

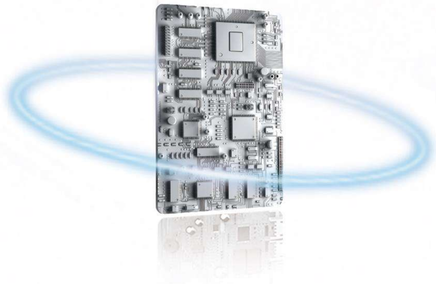
The unique hydrophilic golden coating on aluminum fin of the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively improves the system's efficiency.
* Heat pump model: standard
* Cooling only model: optional



Golden Fin

Intdoor Unit

All LCAC indoor units are standard with hydrophilic golden coating on aluminum fin of the heat exchangers. It prevents bacteria from breeding and spreading, improving heat efficiency.



Coating for PCB

For better protection of the PCB, an anti-corrosion coating is also applied to ensure a longer life cycle.

Solid Casing

Our Solid Casing and T-shaped top cover work together to keep rain and sand away from the unit and ensure stable operation of interior components.

Anti-rust Triple Layer Protection

Our Triple-Layer Protection can survive a 500-hour acid resistance test without leaving any visible signs of corrosion, ensuring a longer life cycle for the AC unit, especially in humid areas.

"DIAMOND-EDGED" CASING

The Archimedes' screw-shaped air outlet and the bionic blower wheel work together to reduce the noise generated by the outdoor unit of the air conditioner. The T-shaped top cover ensures the stable operation of the internal parts and the durability of the power system.

T-shaped top cover

Archimedes' screw-shaped air outlet

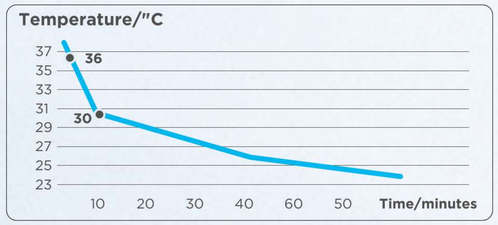
Durable casing

Bionic blower wheel

Inverter Technology

Fast Cooling

Compared with the on/off air conditioner, full DC inverter air conditioner increases its cooling speed by around 30%. It takes only 10 minutes to lower the room temperature from 36°C to 30°C when the outdoor temperature is as high as 43°C.



*Data bases on the testing result of selected models with specific experimental conditions

Energy Saving

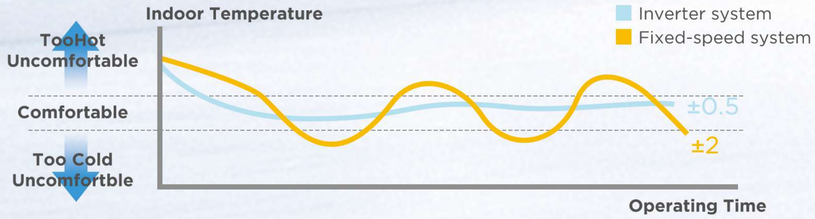
Compared with on/off air conditioners, full DC inverter air conditioners can reduce up to 30% of power consumption in a year. The fixed-speed technology switches the units on and off with energy waste but the inverter technology can smoothly adjust the compressor operation frequency to improve the energy efficiency, according to demands.

*Applies to selected models with selective experimental conditions

Precise Temperature Control

With the 4th E-Max Precise-Control Inverter Algorithm (GA), DC inverter system can softly change in the output power of compressor and fan motors in response to indoor temperature change in real time and maintain the best comfortable body sense. The outdoor unit runs at variable speeds to mitigate the work burdenof compressor.

Indoor temperature varition diagrammatic sketch



Low Noise

Full DC inverter system can softly change in the output power of compressor and fan motors in response to indoor temperature change in real time and maintain the best comfortable body sense. The outdoor unit runs at variable speeds to mitigate the work burdenof compressor.

Light Commercial Line-up

Series	Type	9K	12K	18K	24K	36K 1Ph	36K 3Ph	48K 3Ph	60K 3Ph
	ON/OFF		●	●	●	●	●	●	●
	Inverter		●	●	●	●	●	●	●
	ON/OFF			●	●	●	●	●	●
	Inverter		●	●	●	●	●	●	●
	ON/OFF	●	●	●	●				
	Inverter	●	●	●	●				

Cassette

Features

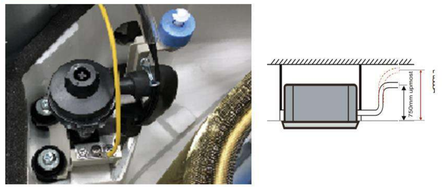
360° Air Flow Panel

With the 360° air flow panel, the air can be distributed to every corner of the room.

Slim Body Design

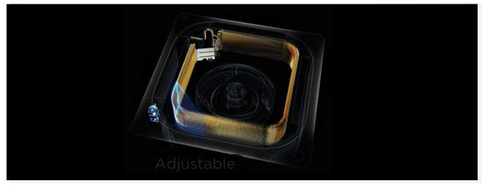
A slim body make the four-way Cassette suited to any room's decoration and ambience. 24K model have only 205mm high. It can be installed in most ceiling spaces.

Drainage Pump



The drain pump can lift the condensing water up to 1000 mm, which is convenient to install drainage pipes under most conditions.

Bigger Evaporator



With optimized evaporator, heat exchange area and capacity is increased, and the air flow is improved.

Breezeless (Optional)

Step 1 COMPRESSED ---> Step 2 DIFFUSED ---> Step 3 MIXED TO BECOME COLD AIR SPRAY

Fresh Air (Optional)

Air outside can be lead into the room via a connection pipe, which keeps the indoor air fresh and healthy.

Cassette ON/OFF

Model Name		MCD-12HRN1	MCD-18HRN1	MCD-24HRN1
Capacity (Btu/h)	Cooling	12000	18000	24000
	Heating	13000	19000	26000
Power input (W)	Cooling	1095	1750	2503
	Heating	1180	1700	2200
EER (W/W)	Cooling	3.21	3.01	2.81
COP (W/W)	Heating	3.23	3.28	3.46
Rating Current (A)	Cooling	4.8	7.7	10.9
	Heating	5.3	7.5	9.6
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		612/477/388	730/570/470	1300/1000/820
Refrigerant type		R410A	R410A	R410A
Indoor				
Net dimension (mm) (body)	W*D*H	570x570x260	570x570x260	830x830x205
Packing dimension (mm)(body)	W*D*H	655x655x290	655x655x290	910x910x250
Net dimension (mm) (panel)	W*D*H	647x647x50	647x647x50	950x950x55
Packing dimension (mm)(panel)	W*D*H	715x715x123	715x715x123	1035x1035x90
Net/Gross weight (kg)(body)		15/17.8	16.4/19.4	22.2/26.2
Net/Gross weight (kg)(panel)		2.5/4.5	2.5/4.5	6/9
Indoor noise level [dB(A)](Hi/Mi/Lo)		41/36/33	45/42/38	45.5/40/37.5
Outdoor				
Net dimension (mm)	W*D*H	805x330x554	805x330x554	890x342x673
Packing dimension (mm)	W*D*H	915x370x615	915x370x615	995x398x740
Net/Gross weight (kg)		32.3/34.9	37.8/40.4	52.9/55.9
Outdoor noise level [dB(A)]		55	58.5	60
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
Max. pipe length	m	15	25	25
Max. difference in level	m	8	15	15

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.

Model Name		MCD-36HRN1	MCD-36HRN1-S	MCD-48HRN1	MCD-60HRN1
Capacity (Btu/h)	Cooling	36000	36000	48000	55000
	Heating	40000	40000	52000	61000
Power input (W)	Cooling	3505	3495	5005	6176
	Heating	3664	3438	4763	5570
EER (W/W)	Cooling	3.01	3.02	2.81	2.61
COP (W/W)	Heating	3.2	3.41	3.20	3.21
Rating Current (A)	Cooling	16.2	6.3	8.9	10.8
	Heating	17.2	6.2	8.5	9.8
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		1770/1540/1350	1960/1660/1400	1916/1780/1620	2100/1920/1730
Refrigerant type		R410A	R410A	R410A	R410A
Indoor					
Net dimension (mm) (body)	W*D*H	840x840x245	830x830x245	830x830x245	830x830x287
Packing dimension (mm)(body)	W*D*H	910x910x290	910x910x290	910x910x290	910x910x330
Net dimension (mm) (panel)	W*D*H	950x950x55	950x950x55	950x950x55	950x950x55
Packing dimension (mm)(panel)	W*D*H	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross weight (kg)(body)		25.6/30.2	26.1/30.0	28.3/32.3	30.5/34.5
Net/Gross weight (kg)(panel)		6/9	6/9	6/9	6/9
Indoor noise level [dB(A)](Hi/Mi/Lo)		52.5/49.5/46.5	52/48/45	54/52/50	54.0/51.5/48.0
Outdoor					
Net dimension (mm)	W*D*H	946x410x810	946x410x810	900x350x1170	900x350x1170
Packing dimension (mm)	W*D*H	1090x500x885	1090x500x875	1032x443x1307	1032x443x1307
Net/Gross weight (kg)		75.6/80.4	73.0/77.5	98.6/109.3	99.7/111.2
Outdoor noise level [dB(A)]		63.0	62.5	62	61.5
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	9.52mm(3/8in) /19mm(3/4in)	9.52mm(3/8in) /19mm(3/4in)	9.52mm(3/8in) /19mm(3/4in)	9.52mm(3/8in) /19mm(3/4in)
Max. pipe length	m	30	30	50	50
Max. difference in level	m	20	20	30	30

Cassette Inverter

Model Name		MCA3U-12HRFNX -QRD0W	MCA3U-18HRFNX -QRD0W	MCD-24HRFN8 -QRD0
Capacity (Btu/h)	Cooling	12000	18000	24000
	Heating	14000	19000	26000
Power input (W)	Cooling	1150	1800	2550
	Heating	1060	1520	2100
EER (W/W)	Cooling	3.06	2.93	2.76
COP (W/W)	Heating	3.87	3.66	3.63
Rating Current (A)	Cooling	5.1	7.9	12
	Heating	4.7	6.6	10
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		569/485/389	680/584/479	1247/1118/992
Refrigerant type		R410A	R410A	R410A
Indoor				
Net dimension (mm) (body)	W*D*H	570x570x260	570x570x260	830x830x205
Packing dimension (mm)(body)	W*D*H	662x662x317	662x662x317	910x910x250
Net dimension (mm) (panel)	W*D*H	647x647x50	647x647x50	950x950x55
Packing dimension (mm)(panel)	W*D*H	715x715x123	715x715x123	1035x1035x90
Net/Gross weight (kg)(body)		16.3/20.4	16/20.6	21.6/25.4
Net/Gross weight (kg)(panel)		2.5/4.5	2.5/4.5	6/9
Indoor noise level [dB(A)](Hi/Mi/Lo)		42/38/35	44/40.5/37	45/43/40
Outdoor				
Net dimension (mm)	W*D*H	765x303x555	805x330x554	890x342x673
Packing dimension (mm)	W*D*H	887x337x610	915x370x615	995x398x740
Net/Gross weight (kg)		26.9/29.2	33.6/36.2	44/47.3
Outdoor noise level [dB(A)]		56	59	60
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
Max. pipe length	m	15	25	25
Max. difference in level	m	8	15	15

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.

Model Name		MCD-36HRFNX -QRD0	MCD-36HRFNX -QRD0-S	MCD-48HRFNX -QRD0	MCD-60HRFNX -QRD0
Capacity (Btu/h)	Cooling	36000	36000	45700	55000
	Heating	38000	38000	53000	60000
Power input (W)	Cooling	4160	3900	5400	6700
	Heating	3250	3150	5100	5300
EER (W/W)	Cooling	2.54	2.71	2.48	2.4
COP (W/W)	Heating	3.43	3.54	3.05	3.32
Rating Current (A)	Cooling	18.8	6.60	9.60	11.0
	Heating	14.7	5.50	9.30	11.0
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		1700/1530/1300	1700/1530/1300	1950/1800/1600	2170/1950/1730
Refrigerant type		R410A	R410A	R410A	R410A
Indoor					
Net dimension (mm) (body)	W*D*H	830x830x245	830x830x245	830x830x245	830x830x287
Packing dimension (mm)(body)	W*D*H	910x910x290	910x910x290	910x910x290	910x910x330
Net dimension (mm) (panel)	W*D*H	950x950x55	950x950x55	950x950x55	950x950x55
Packing dimension (mm)(panel)	W*D*H	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross weight (kg)(body)		27.2/31.2	27.2/31.2	28.8/32.3	30.7/34.8
Net/Gross weight (kg)(panel)		6/9	6/9	6/9	6/9
Indoor noise level [dB(A)](Hi/Mi/Lo)		51/48/45	49.5/47.0/44.5	53.5/51.5/48	54.5/52/49.5
Outdoor					
Net dimension (mm)	W*D*H	946x410x810	946x410x810	946x410x810	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1090x500x885	1090x500x885	1095x495x1480
Net/Gross weight (kg)		67.6/72.1	77.9/82.7	86.7/91.4	107.1/121.3
Outdoor noise level [dB(A)]		65	60.5	63.5	64
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9 mm(5/8in)	9.52mm(3/8in)/15.9 mm(5/8in)	9.52mm(3/8in)/15.9 mm(5/8in)	9.52mm(3/8in)/15.9 mm(5/8in)
Max. pipe length	m	30	30	50	50
Max. difference in level	m	20	20	30	30

Ducted

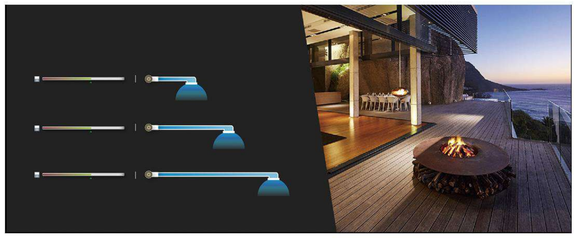
Features

Standard

- Wired Control
- Indoor Unit Golden Fin
- "Diamond-Edged" Casing
- Auto Restart Function
- 24-hour Timer
- Auto Defrosting
- Self-diagonsis and Auto-protection
- Refrigerant Leakage Detect
- Anti-cold Air Function
- ON OFF Port
- Error Alarm
- Outdoor Unit Golden Fin
- Wireless Remote Control
- Build-in Drain Pump

Optional

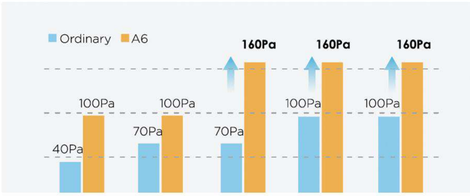
- Follow Me



Constant Air Volume Control- for Inverter

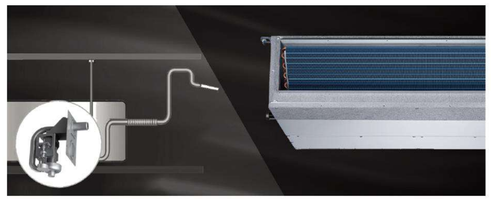
With constant air volume control technology, optimal air flow cools every room consistently and accurately with both short pipes and long pipes.

Max. Static Pressure



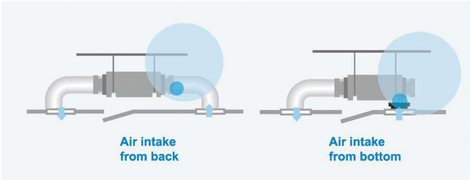
A6 duct can be installed in various applications that requires static pressure up to 160 Pa.

Built-in Drain Pump



The drain pump can lift the condensing water up to 750 mm, which is convenient to install drainage pipes under most conditions.

Flexible Air Intake Ways



Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.

Easy Maintenance

A6 duct allows operators maintenance the motor from the bottom and PCB can be easily accessed from the side.

Ducted ON/OFF

Model Name		MTI-18HWN1	MTI-24HWN1	MTI-36HWN1
Capacity (Btu/h)	Cooling	18000	24000	36000
	Heating	19000	26000	40000
Power input (W)	Cooling	1730	2337	3495
	Heating	1650	2230	3652
EER (W/W)	Cooling	3.05	3.01	3.02
COP (W/W)	Heating	3.37	3.42	3.21
Rating Current (A)	Cooling	7.8	10.1	16.2
	Heating	7.3	9.7	16.8
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		1020/830/740	1350/1150/950	1700/1280/950
Refrigerant type		R410A	R410A	R410A
ESP(Pa)	Rated	25	25	37
	Range	0-60	0-80	0-160
Indoor				
Net dimension (mm) (body)	W*D*H	880x674x210	1100x774x249	1100x774x249
Packing dimension (mm)(body)	W*D*H	1070x725x280	1305x805x315	1305x805x315
Net/Gross weight (kg)(body)		23.4/28.8	32.6/39	33.2/40.3
Indoor noise level [dB(A)](Hi/Mi/Lo)		44/41/38	41/38/34.5	45/41.5/38.5
Outdoor				
Net dimension (mm)	W*D*H	805x330x554	890x342x673	946x410x810
Packing dimension (mm)	W*D*H	915x370x615	995x398x740	1090x500x885
Net/Gross weight (kg)		37.8/40.4	52.9/55.9	75.6/80.4
Outdoor noise level [dB(A)]		57	59	63
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
Max. pipe length	m	25	25	30
Max. difference in level	m	15	15	20

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.

Model Name		MTI-36HWN1S	MTI-48HWN1	MTI-60HWN1
Capacity (Btu/h)	Cooling	36000	48000	55000
	Heating	40000	55000	60000
Power input (W)	Cooling	3505	5020	6360
	Heating	3388	4815	5540
EER (W/W)	Cooling	3.01	2.8	2.53
COP (W/W)	Heating	3.46	3.35	3.17
Rating Current (A)	Cooling	5.9	8.6	11
	Heating	5.7	8.3	9.3
Power supply (V-Ph-Hz)		380-415V,3Ph, 50Hz	380-415V.3Ph, 50Hz	380-415V,3Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		1804/1372/1149	2150/1800/1400	2400/1850/1490
Refrigerant type		R410A	R410A	R410A
ESP(Pa)	Rated	37	50	50
	Range	0-100	0-160	0-160
Indoor				
Net dimension (mm) (body)	W*D*H	1100x774x249	1200x874x300	1200x874x300
Packing dimension (mm)(body)	W*D*H	1305x805x315	1405x915x365	1405x915x365
Net/Gross weight (kg)(body)		32.2/39.4	46/54.5	46/54.5
Indoor noise level [dB(A)](Hi/Mi/Lo)		47/40.5/38	48.0/45.0/42.0	51.7/46.9/44.4
Outdoor				
Net dimension (mm)	W*D*H	946x410x810	900x350x1170	900x350x1170
Packing dimension (mm)	W*D*H	1090x500x875	1032x443x1307	1032x443x1307
Net/Gross weight (kg)		74.4/78.9	98.6/109.3	99.7/111.2
Outdoor noise level [dB(A)]		63	62	62.8
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
Max. pipe length	m	30	50	50
Max. difference in level	m	20	30	30

Ducted Inverter

Model Name		MTIU-12HWFNX	MTIU-18HWFNX -QRD0W	MTI-24HWFN8 -QRD0
Capacity (Btu/h)	Cooling	12000	18000	24000
	Heating	13000	19000	26000
Power input (W)	Cooling	1300	1720	2236
	Heating	1050	1653	2000
EER (W/W)	Cooling	2.71	3.07	3.15
COP (W/W)	Heating	3.63	3.37	3.81
Rating Current (A)	Cooling	5.7	7.6	10
	Heating	5.5	7.25	9.5
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph,50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		600/480/300	911/705/515	1229/1035/825
Refrigerant type		R410A	R410A	R410A
ESP(Pa)	Rated	25	25	25
	Range	0-60	0-100	0-160
Indoor				
Net dimension (mm) (body)	W*D*H	700x506x200	880x674x210	1100x774x249
Packing dimension (mm)(body)	W*D*H	860x540x285	1070x725x280	1305x805x315
Net/Gross weight (kg)(body)		17.8/21.5	24.4/29.6	32.3/39.1
Indoor noise level [dB(A)](Hi/Mi/Lo)		38/34/25	41/38/34	42/39/36
Outdoor				
Net dimension (mm)	W*D*H	765x303x555	805x330x554	890x342x673
Packing dimension (mm)	W*D*H	887x337x610	915x370x615	995x398x740
Net/Gross weight (kg)		26.9/29.2	33.6/36.2	44/47.3
Outdoor noise level [dB(A)]		56	55	59.5
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in
Max. pipe length	m	25	30	30
Max. difference in level	m	10	20	20

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.

Model Name		MTI-36HWDN1 -QW	MTI-36HWDN1 -QWS	MTI-48HWDN1 -QW	MTI-55HWDN1 -QW
Capacity (Btu/h)	Cooling	36000	36000	48000	55000
	Heating	40000	40000	53000	62000
Power input (W)	Cooling	4160	3950	5450	6700
	Heating	3200	2950	4350	5150
EER (W/W)	Cooling	2.54	2.67	2.58	2.41
COP (W/W)	Heating	3.66	3.97	3.57	3.53
Rating Current (A)	Cooling	18.8	6.80	9.50	11.0
	Heating	14.5	5.40	8.10	8.3
Power supply (V-Ph-Hz)		220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
Refrigerant type		R410A	R410A	R410A	R410A
ESP(Pa)	Rated	37	37	50	50
	Range	0-160	0-160	0-160	0-160
Indoor					
Net dimension (mm) (body)	W*D*H	1360x774x249	1360x774x249	1200x874x300	1200x874x300
Packing dimension (mm)(body)	W*D*H	1570x805x330	1570x805x330	1405x915x365	1405x915x365
Net/Gross weight (kg)(body)		40.5/48.2	40.5/48.2	47.6/55.8	47.4/56.1
Indoor noise level [dB(A)](Hi/Mi/Lo)		44/42/39	44/40.5/38	47.5/45.5/43.0	50/48.5/46
Outdoor					
Net dimension (mm)	W*D*H	946x410x810	946x410x810	946x410x810	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1090x500x885	1090x500x885	1095x495x1480
Net/Gross weight (kg)		67.6/72.1	77.9/82.7	86.7/91.4	107.1/121.3
Outdoor noise level [dB(A)]		64	60.5	64.5	65
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	9.52mm(3/8in) /15.9mm(5/8in)	9.52mm(3/8in) /15.9mm(5/8in)	9.52mm(3/8in) /15.9mm(5/8in)	9.52mm(3/8in) /15.9mm(5/8in)
Max. pipe length	m	50	30	50	50
Max. difference in level	m	30	20	30	30

Wall mounted

Features

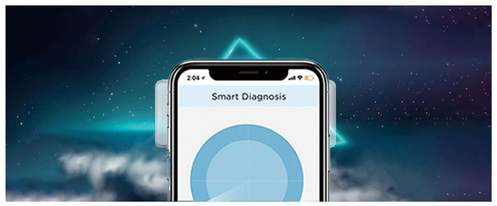
Precise Control Algorithm

Midea's signature iECO mode now uses the α Energy Chip carrying the most-advanced, 4th Gen precise-control inverter deduction algorithm. This enables the micro-chip to do more precise signal capture, data calculation and what's more important, the accurate anticipation of required compressor speed by deduction, to exert more precise control on the power consumption of the Inverter Quattro™ compressor to avoid energy waste.
This helps the inverter compressor to work more efficiently, while still keeping you comfortably cool.

iEco Mode

Just click the iECO button to activate the mode, your AC can keep you cool over an 8-hour night period with as little as 1kW·h, saving up to 71% energy.

Smart Diagnosis



Run an automatic physical exam of your AC unit to detect any potential malfunctions, and guard against failures.

Self Clean

The AC unit can perform self-cleaning in Off mode by spinning the fan in reverse to remove condensed water, preventing bacteria and mold from growing.

Easy Maintenance

The new structure features a universal PCB, with one PCB to suit all sizes of the All Easy series. Easily removable PCB and electrical components reduce maintenance time by 50%, saving your time and money.

Wall Mounted ONOFF

Model Name		MSXTREME-09HRN1	MSXTREME-12HRN1
Capacity (Btu/h)	Cooling	9000	12000
	Heating	9000	12500
Power input (W)	Cooling	797	1095
	Heating	730	1015
EER (W/W)	Cooling	3.31	3.21
COP (W/W)	Heating	3.61	3.61
Rating Current (A)	Cooling	3.5	4.8
	Heating	3.18	4.4
Power supply (V-Ph-Hz)		220-240V,1Ph，50Hz	220-240V,1Ph，50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		550/466/325	570/500/380
Refrigerant type		R410A	R410A
Indoor			
Net dimension (mm) (body)	W*D*H	729x200x292	802x200x295
Packing dimension (mm)(body)	W*D*H	790x270x375	875x285x380
Net/Gross weight (kg)(body)		8.5/10.8	9.2/11.7
Indoor noise level [dB(A)](Hi/Mi/Lo)		40/36/31.5	41/36/28.5
Outdoor			
Net dimension (mm)	W*D*H	720x270x495	720x270x495
Packing dimension (mm)	W*D*H	835x300x540	835x300x540
Net/Gross weight (kg)		26.6/28.4	27.1/28.9
Outdoor noise level [dB(A)]		54	55
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)
Max. pipe length	m	10	20
Max. difference in level	m	8	8

Model Name		MSXTREME-18HRN1	MSXTREME-24HRN1
Capacity (Btu/h)	Cooling	18000	24000
	Heating	18300	25000
Power input (W)	Cooling	1645	2190
	Heating	1570	2148
EER (W/W)	Cooling	3.21	3.21
COP (W/W)	Heating	3.41	3.41
Rating Current (A)	Cooling	7.2	9.5
	Heating	7	9.5
Power supply (V-Ph-Hz)		220-240V,1Ph，50Hz	220-240V,1Ph，50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		820/545/455	1121/997/911
Refrigerant type		R410A	R410A
Indoor			
Net dimension (mm) (body)	W*D*H	971x228x321	1082x234x337
Packing dimension (mm)(body)	W*D*H	1045x305x405	1155x415x315
Net/Gross weight (kg)(body)		12.3/15.5	14.7/18.3
Indoor noise level [dB(A)](Hi/Mi/Lo)		44.5/38.5/30	48.5/42/39
Outdoor			
Net dimension (mm)	W*D*H	765x303x555	890x342x673
Packing dimension (mm)	W*D*H	887x337x610	995x398x740
Net/Gross weight (kg)		34.8/37.3	52.9/55.5
Outdoor noise level [dB(A)]		58.5	59
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
Max. pipe length	m	20	25
Max. difference in level	m	8	10

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.

Wall Mounted INVERTER

Model Name		MSXTREME-09HRDN1	MSXTREME-12HRDN1
Capacity (Btu/h)	Cooling	9000	12000
	Heating	9000	13000
Power input (W)	Cooling	822	1095
	Heating	730	1055
EER (W/W)	Cooling	3.21	3.21
COP (W/W)	Heating	3.61	3.61
Rating Current (A)	Cooling	3.74	4.98
	Heating	3.32	4.95
Power supply (V-Ph-Hz)		220-240V,1Ph，50Hz	220-240V,1Ph，50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		515/371/304	552/471/436
Refrigerant type		R410A	R410A
Indoor			
Net dimension (mm) (body)	W*D*H	729x200x292	802x200x295
Packing dimension (mm)(body)	W*D*H	790x270x375	875x285x380
Net/Gross weight (kg)(body)		8.2/10.5	8.8/11.3
Indoor noise level [dB(A)](Hi/Mi/Lo)		39.9/33.5/30.5	40.5/34.5/31.0
Outdoor			
Net dimension (mm)	W*D*H	720x270x495	720x270x495
Packing dimension (mm)	W*D*H	835x300x540	835x300x540
Net/Gross weight (kg)		23.0/24.7	22.3/24.0
Outdoor noise level [dB(A)]		54.2	55
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)
Max. pipe length	m	25	25
Max. difference in level	m	10	10

Model Name		MSXTREME-18HRN1	MSXTREME-24HRN1
Capacity (Btu/h)	Cooling	18000	24000
	Heating	18500	24000
Power input (W)	Cooling	1650	2100
	Heating	1525	1945
EER (W/W)	Cooling	3.21	3.35
COP (W/W)	Heating	3.55	3.61
Rating Current (A)	Cooling	7.6	9.1
	Heating	7	8.45
Power supply (V-Ph-Hz)		220-240V,1Ph，50Hz	220-240V,1Ph，50Hz
Indoor air flow (m^3/h) (Hi/Mi/Lo)		744/639/541	1150/820/670
Refrigerant type		R410A	R410A
Indoor			
Net dimension (mm) (body)	W*D*H	971x228x321	1082x234x337
Packing dimension (mm)(body)	W*D*H	1045x305x405	1155x415x315
Net/Gross weight (kg)(body)		11.9/15.1	14.1/17.8
Indoor noise level [dB(A)](Hi/Mi/Lo)		45/39.5/32.5	48.5/41/34
Outdoor			
Net dimension (mm)	W*D*H	765x303x555	890x342x673
Packing dimension (mm)	W*D*H	887x337x610	995x398x740
Net/Gross weight (kg)		29.4/31.8	41.6/44.7
Outdoor noise level [dB(A)]		57.5	60
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
Max. pipe length	m	30	30
Max. difference in level	m	20	20

Note: 1. The performance data above are rated at ISO5151 standard condition Inside 27/19℃ and Outside 35/24℃.
2. The noise data above reflect the levels in hemi-anechoic rooms.