







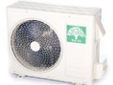
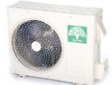
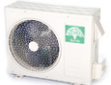
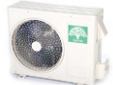



































# Line-up 2023

## WALL MOUNT SINGLE ZONE



Series	Platform	115V 9,000 Btu/h	115V 12,000 Btu/h	230V 9,000 Btu/h		230V 12,000 Btu/h	230V 18,000 Btu/h	230V 24,000 Btu/h	230V 30,000 Btu/h	230V 36,000 Btu/h
"AG INFINI"	AG	 MSAG11A-09HRFN1-BS5W	 MSAG11B-12HRFN1-BS0W				 MSAG11C-18HRDN1-MS0W	 MSAG11D-24HRFN1-MR0W	 MSAGF-30HRFN1-MT0W	 MSAGF-36HRFNX-MR0W
		 MOX230-09HFN1-BS5W	 MOX230-12HFN1-BS8W				 MOX330-18HFN1-MS0W	 MOX430-24HFN1-MR0W	 MOD30-30HFN1-MS0W MOD30u-30HFN1-M(GA)New	 MOD31-36HFN1-MP0W
"All Easy" (HYPER HEAT)	All Easy			 MSEPB-09HRFN1-MY5W(GA)		 MSEPB-12HRFN1-MW5W(GA)	 MSEPC-18HRFN1-MU0W	 MSEPD-24HRFN1-MU0W		
				 MOX330-09HFN1-MY5W		 MOX330-12HFN1-MW5W	 MOX430-17HFN1-MT0W	 MOD30-24HFN1-MU0W		








# LIGHT COMMERCIAL SINGLE ZONE

Series	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h		24,000 Btu/h	36,000 Btu/h	48,000 Btu/h
<b>ONE WAY CASSETTE</b> (HYPER HEAT)	 MCBU-09HRFN1-MW0W	 MCBU-12HRFN1-MVOW	 MCBU-18HRFN1-MUZW				
<b>COMPACT CASSETTE</b> (HYPER HEAT)	 CCA3U-09HRFN1-M(C)	 CCA3U-12HRFN1-M(C)	 CCA3U-18HRFN1-M(C)		 MCD1-24HRFN1-MT0W(GA)	 MCD1-36HRFN1-M(GA)	 MCD1-48HRFN1-M(GA)
<b>DUCT</b> (HYPER HEAT)	 MTIU-09HWFN1-M	 MTIU-12HWFN1-M	 MTIU-18HWFN1-M		 MTIU-24HWFN1-M	 MTIU-36HWFN1-M	 MTIU-48HWFN1-M
<b>CONSOLE</b> (HYPER HEAT)	 MFA2U-09HRFN1-MY6W	 MFA2U-12HRFN1-MY6W	 MFA2U-16HRFN1-MY6W				
<b>FLOOR-STANDING</b>						 MFGD-36HRFN1-MQ6W	
<b>OUTDOOR HEAT PUMP</b> (HYPER HEAT)	 MOX330-09HFN1-MY5W	 MOX330-12HFN1-MW5W	 MOX430-17HFN1-MT0W		 MOX330-24HFN1-MU0W	 MOE30U-36HFN1-M(GA)	 MOE30U-48HFN1-M-[X](GA)

## MULTI-ZONE SYSTEMS INDOOR UNITS

Series	6,000 Btu/h	9,000 Btu/h	12,000 Btu/h		18,000 Btu/h	24,000 Btu/h	30,000 Btu/h	36,000 Btu/h
WALL MOUNT	 MSEPB-06HRFN1-MY5W	 MSEPB-09HRFN1-MY5W(GA)	 MSEPB-12HRFN1-MW5W(GA)		 MSEPC-18HRFN1-MU0W	 MSEPD-24HRFN1-MU0W	 MSEPD-30HRFN1-MS8W	 MSEPD-36HRFN1-MQ0W
CEILING CASSETTE		 CCA3U-09HRFN1-M(C)	 CCA3U-12HRFN1-M(C)		 CCA3U-18HRFN1-M(C)			
ONE WAY CASSETTE	 MCBU-06HRFN1-MW	 MCBU-09HRFN1-WOW	 MCBU-12HRFN1-MVOW		 MCBU-18HRFN1-MUZW			
CONSOLE		 MFA2U-09HRFN1-MY6W	 MFA2U-12HRFN1-MW5W		 MFA2U-16HRFN1-MV0W			
DUCT		 MTIU-09HWFN1-M	 MTIU-12HWFN1-M		 MTIU-18HWFN1-M	 MTIU-24HWFN1-M		

## MULTI-ZONE OUTDOOR UNITS

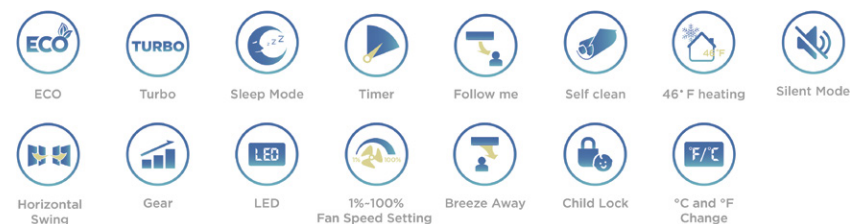
Series	18,000 Btu/h	27,000 Btu/h		36,000 Btu/h	48,000 Btu/h
MULTI-ZONE ODU	 M2OA-18HFN1-M	 M3OJ-27HFN1-M		 M4OG-36HFN1-M	 M5OG-48HFN1-M-[X]
MULTI-ZONE ODU (EXTREME HEAT)	 M2OI-18HFN1-M	 M3OI-28HFN1-M		 M4OI-36HFN1-M	



## INFINI Split

- 46°F Heating
- Longer Airflow
- Louver Position Memory Function
- Smart Control
- Gear Function (optional)

### Standard Features



### Optional Features



## OUTSTANDING FEATURES

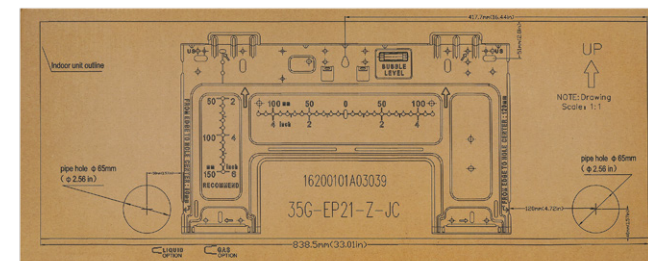
# INFINI

### Stepless Frequency Adjustment

Precise control maintains stable and constant room temperature while reducing sound level and energy consumption.

### Follow Me

Built-in temperature sensor in the Remote Controller will sense its surrounding temperature and adjust the room temperature more accurately to provide greater comfort.

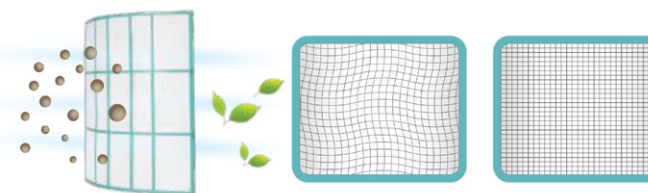
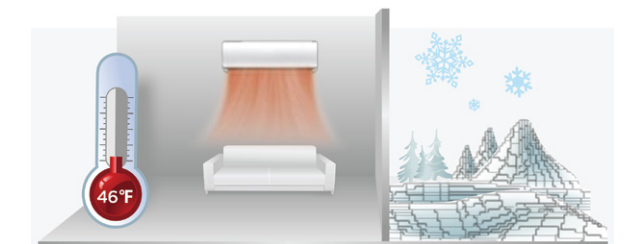


### Mounting Template

Printed cardboard mounting template is convenient for single-person installation.

### 46°F Heating

In heating operation, the preset temperature of the air conditioner can be as low as 46°F, which keeps the room temperature steady at 46°F and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.



### High Density Filters

Compared with ordinary dust filters, the high density filter can increase the dust capture rate by up to 50% and pollen by up to 80%.

## Controls



Wireless Remote Controller included with indoor unit



Optional Wifi-Kit



Optional Wired Controller



Model	Indoor Unit	Outdoor Unit	MSAG11A-09HRFNI-BS5W MOX230-09HFNI-BS5W	MSAG11B-12HRFNI-BS0W MOX230-12HFNI-BS8W	MSAG11C-18HRDNI-MS0W MOX330-18HFNI-MS0W	MSAG11D-24HRFNI-MR0W MOX430-24HFNI-MR0W	MSAGF-30HRFNI-MT0W MOD30-30HFNI-MS0W	MSAGF-30HRFNI-MT0W MOD30U-30HFNI-M(GA)	MSAGF-36HRFNX-MR0W MOD31-36HFNI-MP0W
<b>Performance</b>									
Power Supply	V, Ph, Hz		115, 1, 60	115, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10000	12000/12000	18000/18800	24000/24000	30000/30000	30000/30000	36000/36000
	SEER2	Btu/W	21.5	20.8	19.5	18.5	21	21	18
	EER2	Btu/W	12.5	10.3	11	9.5	12.2	12.2	9.5
	HSPF4	Btu/W	9.1	8.7	8.7	8.6	8.2	8.7	7.8
Heating at 5°F(-15°C)	Rated capacity	Btu/h	7000	6300	11700	14800	18400	20000	22000
	COP	W/W	2.16	1.78	2.06	1.83	1.86	1.85	2.01
<b>Indoor unit</b>									
Air Flow Volume	H/M/L	CFM	238.82/170.00/137.06	300.00/241.18/176.47	458.82/329.41/270.59	546.47/402.35/330.59	701.76/535.88/380.00	701.76/535.88/380.00	652.94/447.06/329.41
Noise Level	H/M/L	dB(A)	37.5/28/20	41/35/26.5	45/38/30.0	45/39.5/36	49.5/43.5/39.5	50.5/45.5/39.5	54/45/40
Net Dimension	WxDxH	mm	729x200x292	802x200x295	971x228x321	1082x234x337	1259x283x362	1259x283x362	1259x283x362
	WxDxH	inch	28.70x7.87x11.50	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27	49.57x11.14x14.25	49.57x11.14x14.25	49.57x11.14x14.25
Packing Dimension	WxDxH	mm	790x270x375	875x285x380	1045x305x405	1155x415x315	1340x450x385	1340x450x385	1340x450x385
	WxDxH	inch	31.10x10.63x14.76	34.45x11.22x14.96	41.14x12.01x15.94	45.47x16.34x12.40	52.76x17.72x15.16	52.76x17.72x15.16	52.76x17.72x15.16
Net/Gross Weight		kg	8.0/10.3	8.4/10.9	11.1/14.4	13.6/17.3	19.5/25.2	19.5/25.2	19.4/25.2
		lbs	17.64/22.71	18.52/24.03	24.47/31.75	29.98/38.14	42.99/55.56	42.99/55.56	42.77/55.56
<b>Outdoor unit</b>									
Noise Level	H/M/L	dB(A)	55	54	57	60	61.5	63	61.5
Net Dimension	WxDxH	mm	765x303x555	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810
	WxDxH	inch	30.12x11.93x21.85	30.12x11.93x21.85	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.24x16.14x31.89
Packing Dimension	WxDxH	mm	887x337x610	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885
	WxDxH	inch	34.92x13.27x24.02	34.92x13.27x24.02	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	42.91x19.69x34.84
Net/Gross Weight		kg	26.2/28.8	28.2/30.7	33.5/36.2	13.6/17.3	64.3/68.9	64.8/69.2	68.1/72.1
		lbs	57.76/63.49	62.17/67.68	73.85/79.81	29.98/38.14	141.76/151.90	142.86/152.56	150.13/158.95





# All Easy Pro Split

- Optimized Unit Structure
- Longer Airflow Distance & Faster Cooling
- ECO Mode
- Gear Function (optional)
- Intelligent Comfort
- Flexible Installation
- Easy to Maintain

### Standard Features

ECO	Turbo	Sleep Mode	Timer	Follow me	Self clean	46°F heating	Silent Mode
Horizontal Swing	Vertical Swing	Gear	LED	1%-100% Fan Speed Setting	Breeze Away	Child Lock	°C and °F Change

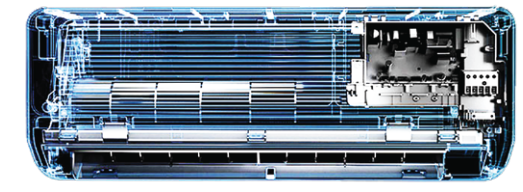
### Optional Features

Wired Control	Wi-fi Control
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## OUTSTANDING FEATURES

# All Easy Pro

An innovative optimization of unit structure, We define the simplicity of a high wall unit



Flexible Installation & Space Solution



## Easy to maintain

- Snap open the front hasps and detach the bottom panel
- Remove the screw
- Open the e-box lid, unplug the fan and vertical louvre terminals
- Snap open the back hasps, unload the fan and indoor motor

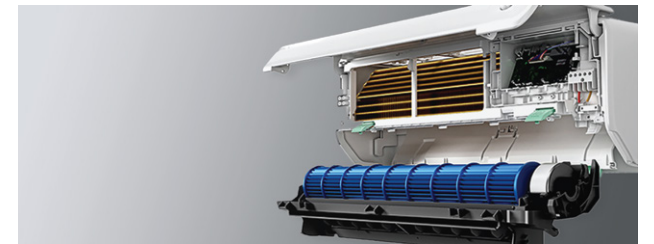


## Top-placed air filter

The air filter is placed on top of the unit and secure with magnetic attachment. Cleaning the air filter gets easy even on every day basis.

## Detachable wind wheel

The wind wheel can be take out from the unit for thorough cleaning. You can also easily access to the evaporator and to clean the inner part of the unit.



**ALL EASY** (Hyper Heat)



Model	Indoor Unit	Outdoor Unit	MSEPB-09HRFN1-MY5W(GA) MOX330-09HFN1-MY5W	MSEPB-12HRFN1-MW5W(GA) MOX330-12HFN1-MW5W	MSEPC-18HRFN1-MU0W MOX430-17HFN1-MTOW	MSEPD-24HRFN1-MU0W MOD30-24HFN1-MU0W	
<b>Performance</b>							
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/11800	12000/12000	18000/18000	24000/29000	
	SEER2	Btu/W	28.1	25.5	21.5	21.5	
	EER2	Btu/W	16.2	14	12.5	13	
	HSPF4	Btu/W	11.5	10.4	10.7	11.4	
Heating at 5°F(-15°C)	Rated capacity	Btu/h	10600	12000	18000	25400	
	COP	W/W	2.0	1.80	1.78	2.21	
<b>Indoor unit</b>							
Air Flow Volume	H/M/L	CFM	335.29/229.41/176.47	335.29/229.41/176.47	523.53/376.47/305.88	611.18/414.12/318.82	
Noise Level	H/M/L	dB(A)	38/33.5/23.5	38/33.5/23.5	46/42/24	46/39/34	
Net Dimension	WxDxH	mm	795x225x295	795x225x295	965x239x319	1140x275x370	
	WxDxH	inch	31.30x8.86x11.61	31.30x8.86x11.61	37.99x9.41x12.56	44.88x10.83x14.57	
Packing Dimension	WxDxH	mm	870x370x305	870x370x305	1045x400x325	1230x455x355	
	WxDxH	inch	34.25x14.57x12.01	34.25x14.57x12.01	41.14x15.75x12.80	48.43x17.91x13.98	
Net/Gross Weight			kg	10.3/13.1	12.3/16.2	19.8/24.9	
			lbs	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89
<b>Outdoor unit</b>							
Noise Level	H/M/L	dB(A)	54.5	56	59	62	
Net Dimension	WxDxH	mm	805x330x554	805x330x554	890x342x673	946x410x810	
	WxDxH	inch	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	
Packing Dimension	WxDxH	mm	915x370x615	915x370x615	995x398x740	1090x500x885	
	WxDxH	inch	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	
Net/Gross Weight			kg	33.6/36.4	33.4/36	45.8/49	61/65.5
			lbs	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40

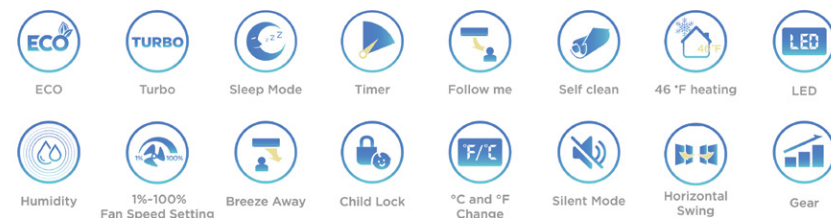




# One Way Cassette

- Exclusive Compact Size 50.3"(W) 13.19"(D) 9"(H)
- Fit-in Size for the Common and the I-joist Space
- 2-way Installation
- Elevation Panel
- Easy-to-access Core Component

### Standard Features



### Optional Features

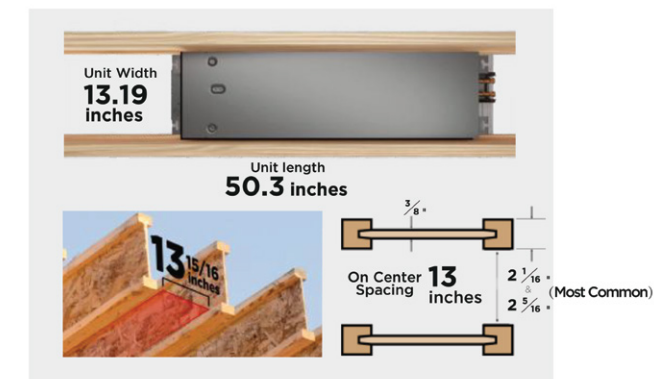
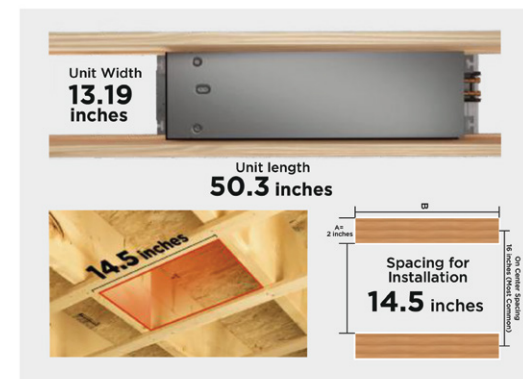


## OUTSTANDING FEATURES

# One Way Cassette

## Designed for Standard Construction

Fits common joist space and I-Joist spaces.



## 2 Way Installation

### HangUp Installation

Our hangers with optimized anti-cutting design are easy to grab and lift up, preventing hands from scratching by the sharp edge.

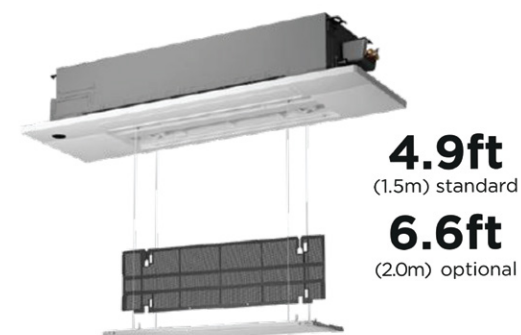


### PushIn Installation

An unique & exclusive PushIn Case is designed for easy installation options. Installers can plug in the IN-cassette unit between the joist and fix it on the beams with screws.



Double Row Tack Holes Design adapt to various joist size



## Elevation Panel

From now on, no more climbing up & down, because the panel itself can be up & down. By activating the Elevation Panel function on remote controller (or smart controller), the panel will go straight down to you for easily taking out the air filter.

# One Way Cassette



Model	Indoor Unit		MCBU-09HRFNI-MUO	MCBU-12HRFNI-MW	MCBU-18HRFNI-MW
	Outdoor Unit		MOX330-09HFNI-MYSW	MOX330-12HFNI-MW5W	MOX430-17HFNI-MTOW
<b>Performance</b>					
Power Supply	V, Ph, Hz		208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10900	12000/12500	16700/20000
	SEER2	Btu/W	24	23	19.80
	EER2	Btu/W	13	13	12.5
	HSPF4	Btu/W	12.4	10	11.2
Heating at 5°F(-15°C)	Rated capacity	Btu/h	10400	11000	18000
	COP	W/W	1.8	1.8	1.8
<b>Indoor unit</b>					
Air Flow Volume	H/M/L	CFM	294/258/235	311/282/247	351/300/207
Noise Level	H/M/L	dB(A)	37.5/35.5/31	38.5/37/32.5	44/40.5/35
Net Dimension	WxDxH	mm	1278x335x228	1278x335x228	1278x335x228
	WxDxH	inch	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98
Packing Dimension	WxDxH	mm	1330x335x570	1330x335x570	1330x335x570
	WxDxH	inch	52.37x13.19x22.44	52.37x13.19x22.44	52.37x13.19x22.44
Net/Gross Weight		kg	20.5/37.6	20.5/37.6	20.5/37.6
		lbs	45.19/82.89	45.19/82.89	45.19/82.89
<b>Panel(Up-Down Option)</b>					
Net Dimension	WxDxH	mm	1360x475x99	1360x475x99	1360x475x99
	WxDxH	inch	53.54x18.71x3.9	53.54x18.71x3.9	53.54x18.71x3.9
Packing Dimension	WxDxH	mm	1435x541x165	1435x541x165	1435x541x165
	WxDxH	inch	56.5x21.3x6.6	56.5x21.3x6.6	56.5x21.3x6.6
Net/Gross Weight		kg	6.5/10.3	6.5/10.3	6.5/10.3
		lbs	14.33/22.71	14.33/22.71	14.33/22.71





## Ceiling Cassette

- Built-in Drain Pump
- -22°F Low Ambient Operation
- E-box Inside
- Wired Controller

### Standard Features

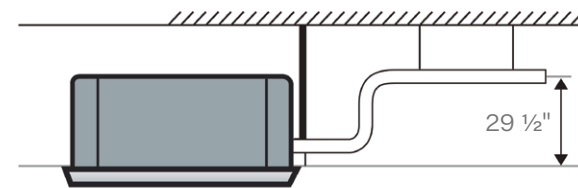


### Optional Features



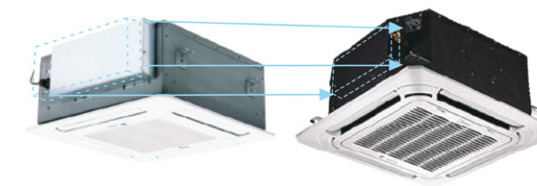
## OUTSTANDING FEATURES

## Ceiling Cassette



### Build-in Drain Pump

The drain pump can lift the condensing water up to 29 1/2 inch.



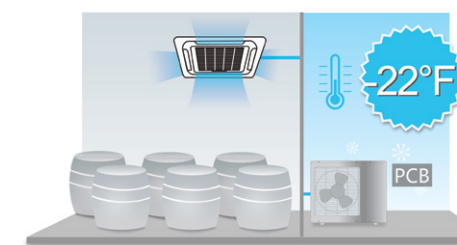
### E-box Inside

The E-box is simply and safely built inside the indoor unit. This integrated design provides a more compact body size and ease of installation. And the maintenance of the E-box is simple, by opening the air-return-grille.



### Wired Controller

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



### Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -22°F.



### Fresh Air Intake Function

Fresh air fulfills air quality healthier and more comfortable.

## Ceiling Cassette (Hyper Heat)



Model	Indoor Unit	Outdoor Unit	CCA3U-09HRFNI-M(C) MOX330-09HFNI-MYSW	CCA3U-12HRFNI-M(C) MOX330-12HFNI-MW5W	CCA3U-18HRFNI-M(C) MOX430-17HFNI-MTOW	MCD1-24HRFNI-MTOW(GA) MOD30-24HFNI-MUOW	MCD1-36HRFNI-M(GA) MOE30U-36HFNI-M(GA)	MCD1-48HRFNI-M(GA) MOE30U-48HFNI-M-[X](GA)
<b>Performance</b>								
<b>Power Supply</b>	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
<b>SEER2 (AHRI 210/240 - 2023)</b>	Cooling /Heating Capacity	Btu/h	9000/9800	12000/12000	16000/17000	24000/25000	36000/40000	48000/53000
	SEER2	Btu/W	20.5	22.3	20	20.5	19.4	16.8
	EER2	Btu/W	13	12.7	12.5	11	9.5	8.3
	HSPF4	Btu/W	10.3	10.2	9.5	11.5	10.5	10.7
<b>Heating at 5°F(-15°C)</b>	Rated capacity	Btu/h	10200	11500	16000	25800	31500	48000
	COP	W/W	1.79	1.86	1.68	2	1.85	1.98
<b>Indoor unit</b>								
<b>Air Flow Volume</b>	H/M/L	CFM	352/305/270	379/309/261	562/485/438	705.88/635.29/547.06	947/853/753	1171/1059/935
<b>Noise Level</b>	H/M/L	dB(A)	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5	48/45.5/43	52.5/50/46.5	55/53/50
<b>Net Dimension</b>	WxDxH	mm	570x570x260	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287
	WxDxH	inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	32.68x32.68x8.07	32.68x32.68x9.65	32.68x32.68x11.30
<b>Packing Dimension</b>	WxDxH	mm	662x662x317	662x662x317	662x662x317	910x910x250	910x910x290	910x910x330
	WxDxH	inch	26.06x26.06x12.48	26.06x26.06x12.48	26.06x26.06x12.48	35.83x35.83x9.84	35.83x35.83x11.42	35.83x35.83x12.99
<b>Net/Gross Weight</b>		kg	14.5/17.3	16/18.6	16.2/21.3	21.4/25.1	27.2/31.3	29.3/33.6
		lbs	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34	59.97/69.00	64.59/74.07
<b>Panel</b>								
<b>Net Dimension</b>	WxDxH	mm	647x647x50	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55
	WxDxH	inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.40x37.40x2.17	37.40x37.40x2.17	37.40x37.40x2.17
<b>Packing Dimension</b>	WxDxH	mm	715x715x123	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90
	WxDxH	inch	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54	40.75x40.75x3.54	40.75x40.75x3.54
<b>Net/Gross Weight</b>		kg	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9
		lbs	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84	13.23/19.84	13.23/19.84
<b>Stuffing Quantity</b>								
<b>Stuffing Quantity</b>	20'/40'/40'HQ	Indoor unit	186/375/429	186/375/429	186/375/429	108/234/260	96/208/234	84/182/208

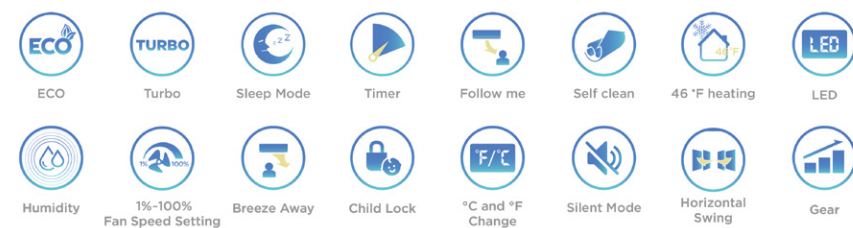




# Console

- 2-way Installation
- Dual Air Outlets with Larger Dimension
- Quieter Operation
- Better Air Quality

### Standard Features



### Optional Features



## Console (Hyper Heat)



Model	Indoor Unit		MFA2U-09HRFN1-MY6W	MFA2U-12HRFN1-MW5W	MFA2U-16HRFN1-MV0W
	Outdoor Unit		MOX330-09HFN1-MY6W	MOX330-12HFN1-MW5W	MOX430-17HFN1-MT0W
<b>Performance</b>					
		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
<b>Power Supply</b>					
	Cooling /Heating Capacity	Btu/h	9000/9000	12000/12000	16000/17000
<b>SEER2 (AHRI 210/240 - 2023)</b>	SEER2	Btu/W	26.3	24.2	20.2
	EER2	Btu/W	15.7	13.3	11
	HSPF4	Btu/W	11.4	10.7	8.9
<b>Heating at 5°F(-15°C)</b>	Rated capacity	Btu/h	11600	11600	16400
	COP	W/W	2.08	2.08	1.5
<b>Indoor unit</b>					
<b>Air Flow Volume</b>	H/M/L	CFM	376.47/323.53/264.71	376.47/323.53/264.71	441.18/382.35/323.53
<b>Noise Level</b>	H/M/L	dB(A)	42/39/25	42/39/25	45/40.5/30
<b>Net Dimension</b>	WxDxH	mm	794x200x621	794x200x621	794x200x621
	WxDxH	inch	31.26x7.87x24.45	31.26x7.87x24.45	31.26x7.87x24.45
<b>Packing Dimension</b>	WxDxH	mm	865x280x719	865x280x719	865x280x719
	WxDxH	inch	34.06x11.02x28.31	34.06x11.02x28.31	34.06x11.02x28.31
<b>Net/Gross Weight</b>		kg	14.9/18.8	14.9/18.8	14.9/18.8
		lbs	32.85/41.45	32.85/41.45	32.85/41.45
<b>Stuffing Quantity</b>	20'/40'/40'HQ	Indoor unit	168/344/390	168/344/390	168/344/390

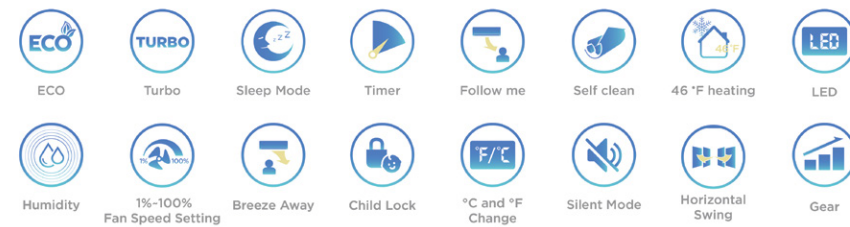




**Duct**

- 2-way Installation
- Dual Air Outlets with Larger Dimension
- Quieter Operation
- Better Air Quality

**Standard Features**



**Optional Features**

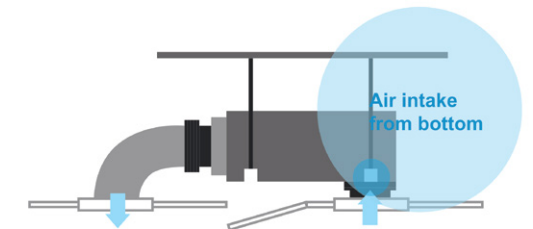
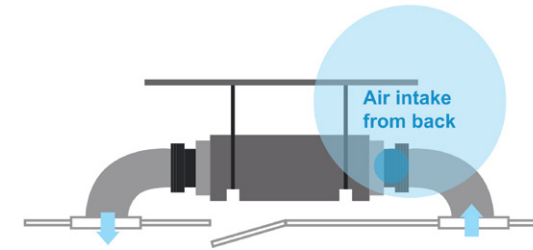


**OUTSTANDING FEATURES**

**Slim Duct**

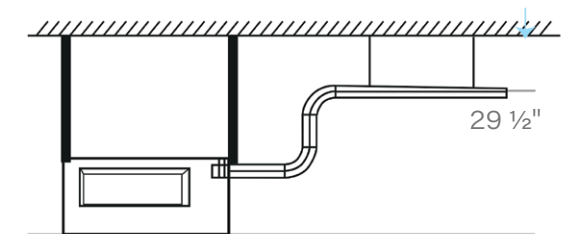
**Flexible Return Air Installation**

Fits in not only the most common joist space, but also the I-Joist space, which is a rapid growing application in the U.S. construction.



**Built-in Drain Pump**

The drain pump can lift the condensing water up to 29 1/2 inch.



**Fresh Air Intake Function (optional)**

Unit Design includes 4" round fresh air knock-out

**AUX Heater Compatible (optional)**

Compatible with 3rd party auxiliary heaters

## Slim Duct (Hyper Heat)

For Horizontal or Vertical Installation



Model	Indoor Unit	Outdoor Unit	MTIU-09HWFN1-M MOX330-09HFN1-MY5W	MTIU-12HWFN1-M MOX330-12HFN1-MW5W	MTIU-18HWFN1-M MOX430-17HFN1-MTOW	MTIU-24HWFN1-M MOD30-24HFN1-MU0W	MTIU-36HWFN1-M MOE30U-36HFN1-M(GA)	MTI-48HWFN1-M MOE30U-48HFN1-M-[X](GA)
<b>Performance</b>								
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHR1 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10000	12000/12500	17000/19000	24000/25000	36000/42000	48000/52000
	SEER2	Btu/W	20.2	19.5	18	19.2	16.5	14.3
	EER2	Btu/W	13.2	11.7	11.7	12	9	8.2
	HSPF4	Btu/W	12	10	9.5	10.5	11	10.3
Heating at 5°F(-15°C)	Rated capacity	Btu/h	10800	12100	17700	27000	36000	46400
	COP	W/W	1.9	1.96	1.85	2	1.98	2.02
<b>Indoor unit</b>								
External Static Pressure (ESP)	Range	Pa	0-40	0-40	0-40	0-160	0-160	0-160
		In. wc.	0-0.16	0-0.16	0-0.16	0-0.64	0-0.64	0-0.64
Air Flow Volume	H/M/L	CFM	352.94/282.35/176.47	352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88	1081.76/912.35/702.94	1228.41/1031.00/714.65
Noise Level	H/M/L	dB(A)	33/30.5/27	40/31.5/26.5	40/37.5/35	44/40/35.5	49.5/46.5/43.0	54.5/50.5/47.5
Net Dimension	WxDxH	mm	700/506/200	700/506/200	880x674x210	1100x774x249	1360x774x249	1200x874x300
		inch	27.56x19.92x7.87	27.56x19.92x7.87	34.65x28.53x8.27	43x30x10	54x30x10	47.24x34.41x11.81
Packing Dimension	WxDxH	mm	860/540/285	860/540/285	1070x725x280	1305x805x315	1570x805x305	1405x915x355
		inch	33.86x21.26x11.22	33.86x21.26x11.22	42.13x28.53x11.02	51x32x12.4	62x32x12	55.31x36.02x13.98
Net/Gross Weight		kg	17.7/21.9	17.7/21.9	25.1/30.4	41/48	48.3/55.5	54.3/64.3
		lbs	39.02/48.28	39.24/48.5	55.34/67.02	90.39/105.82	106/122	120/142





# Floor-Standing

- 2-way Installation
- Dual Air Outlets with Larger Dimension
- Quieter Operation
- Better Air Quality

### Standard Features



Horizontal Swing



Vertical Swing



Breeze Away



Follow me

## Floor Standing

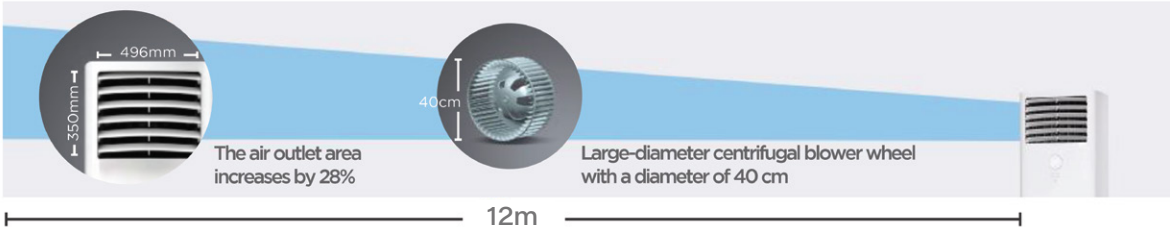
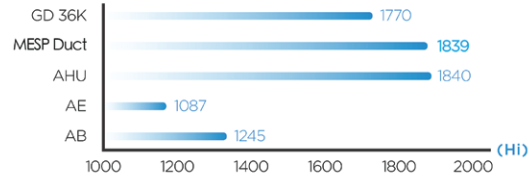


Model	Indoor Unit	MFGD-36HRFN1-MQ6W	
	Outdoor Unit	MOD30U-36HFN1-M(GA)	
<b>Performance</b>			
Power Supply	V, Ph, Hz	208/230V,1Ph,60Hz	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	36000/36000
	SEER2	Btu/W	19.2
	EER2	Btu/W	9.5
	HSPF4	Btu/W	10
Heating at 5°F(-15°C)	Rated capacity	Btu/h	22600
	COP	W/W	2
Eeternal Static Pressure (ESP)	Range	Pa	/
		In. wc.	/
Air Flow Volume	H/M/L	CFM	1041.18/947.06/852.94
Noise Level	H/M/L	dB(A)	46/44/42.5
Net Dimension	WxDxH	mm	1935x629x456
		inch	76.18x24.76x17.95
Packing Dimension	WxDxH	mm	2055x750x575
		inch	80.91x29.53x22.64
Net/Gross Weight		kg	55/72.6
		lbs	121.25/160.05
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	20/42/48

## Best Comfort

### Long-distance Windblast

Equipped with a powerful DC motor and a large-diameter centrifugal blower wheel to achieve an airflow of up to 1980 m/h. The large air outlet and six large air directing blades enable an airflow distance of up to 12 m.





**ECO-AIR  
DUCTED & DUCTLESS  
COMPATIBLE  
MULTI-ZONE SYSTEM**



Free Match  
New Central System  
Connect up to 5 Zones



**More Efficiency | Zoning Operation**

Multi-zone applications are a more sustainable way to heat and cool through individual control of each room. Homeowners can precisely heat and cool only the areas needed and turn off the unit when the area isn't occupied to save energy

**Free Match Combination Table**

1 Drive 2

Two Units			
M20I-18HFN1-M	6+6		9+9
	6+9		9+12
	6+12		12+12

1 Drive 3

Two Units			Three Units		
M30J-27HFN1-M M30I-27HFN1-M	6+12	9+18	6+6+6	6+9+12	9+9+12
	6+18	12+12	6+6+9	6+9+18	9+9+18
	9+9	12+18	6+6+12	6+12+12	9+12+12
	9+12	18+18	6+6+18	6+12+18	12+12+12
			6+9+9	9+9+9	

1 Drive 4

Two Units		Three Units			Four Units			
M40G-36HFN1-M M40I-36HFN1-M	6+18	12+18	6+6+12	6+6+24	9+12+24	6+6+6+9	6+6+12+18	6+12+12+12
	6+24	12+24	6+6+18	6+18+18	9+18+18	6+6+6+12	6+6+12+24	6+12+12+18
	9+18	18+18	6+6+24	6+18+24	12+12+12	6+6+6+18	6+9+9+9	9+9+9+9
	9+24	18+24	6+9+12	9+9+9	12+12+18	6+6+6+24	6+9+9+12	9+9+9+12
	12+12	24+24	6+9+18	9+9+12	12+12+24	6+6+9+9	6+9+9+18	9+9+9+18
			6+9+24	9+9+18	12+18+18	6+6+9+18	6+9+9+24	9+9+12+18
			6+12+12	9+9+24		6+6+9+24	6+9+12+12	9+12+12+12
			6+12+18	9+12+12		6+6+12+12	6+9+12+18	12+12+12+12

1 Drive 5

Two Units		Three Units						
M50G-48HFN1-M-[X]	9+24	18+30	6+6+24	6+12+30	9+9+18	9+12+36	12+12+18	18+18+18
	9+30	18+36	6+6+30	6+12+36	9+9+24	9+18+18	12+12+24	18+18+24
	9+36	24+30	6+6+36	6+18+18	9+9+30	9+18+24	12+12+30	
	12+24	24+36	6+9+24	6+18+24	9+9+36	9+18+30	12+12+36	
	12+30	30+30	6+9+30	6+18+30	9+12+12	9+18+36	12+18+18	
	12+36		6+9+36	6+18+36	9+12+18	9+24+24	12+18+24	
	18+18		6+12+18	6+24+24	9+12+24	9+24+30	12+18+30	
	18+24		6+12+24	6+24+30	9+12+30	12+12+12	12+24+24	

1 Drive 5

Four Units			
M50G-48HFN1-M-[X]	6+6+6+18		6+6+6+36
	6+6+6+24		9+9+9+9
	6+6+6+30		12+12+12+12
	6+6+6+36		12+12+12+18
	6+6+6+18		12+12+12+24
	6+6+6+24		12+12+12+30
6+6+6+30		12+12+12+36	
6+6+6+36		18+18+18+18	
		9+9+9+36	

1 Drive 5

Five Units			
M50G-48HFN1-M-[X]	6+6+6+6+9		9+9+9+9+9
	6+6+6+6+12		12+12+12+12+12
	6+6+6+6+18		9+9+9+9+12
	6+6+6+6+24		12+12+12+12+24
	6+6+6+6+30		12+12+12+12+18
6+6+6+6+36		9+9+9+9+36	

## Multi-zone Systems Outdoor Units

### Outdoor\_Matched with Non-ducted

Model	Indoor Unit		MSEP-B09HRFN1-MY5W(GA)*3	MSEP-B09HRFN1-MY5W(GA)*4
	Outdoor Unit		M3OJ-27HFNI-M	M4OG-36HFNI-M
System			1 Drive 3	1 Drive 4
<b>Performance</b>				
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	28000/28000	36000/37000
	SEER2	Btu/W	24.6	23.9
	EER2	Btu/W	12.7	11.7
	HSPF4	Btu/W	9.3	9.3
Heating at 5°F(-15°C)	Rated capacity	Btu/h	19000	25200
	COP	W/W	2	1.8
Outdoor Air Flow Volume	Max	CFM	2129.41	2147.06
Noise Level			61	63
<b>Outdoor unit</b>				
Net Dimension	WxDxH	mm	946x410x810	946x410x810
	WxDxH	inch	37.24x16.14x31.89	37.24x16.14x31.89
Packing Dimension	WxDxH	mm	1090x500x885	1090x500x885
	WxDxH	inch	42.91x19.69x34.84	42.91x19.69x34.84
Net/Gross Weight		kg	63.4/68.3	76.7/82.3
		lbs	139.77/150.57	169.09/181.44

## Hyper Heat Outdoor\_Matched with Non-ducted



Model	Indoor Unit		MSEP-B09HRFN1-MY5W(GA)*2	MSEP-B09HRFN1-MY5W(GA)*3	MSEP-B09HRFN1-MY5W(GA)*4	MSEP-B09HRFN1-MY5W(GA)*4 +MSEP-B12HRFN1-MW5W(GA)*1
	Outdoor Unit		M2OI-18HFNI-M	M3OI-28HFNI-M	M4OI-36HFNI-M	M5OG-48HFNI-M-[X]
System			1 Drive 2	1 Drive 3	1 Drive 4	1 Drive 5
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	19000/20000	28000/28000	36000/37000	48000/49000
	SEER2	Btu/W	22	23	22.2	21.8
	EER2	Btu/W	12.5	12.5	13.6	11.7
	HSPF4	Btu/W	9.8	10.6	10.3	9.8
Heating at 5°F(-15°C)	Rated capacity	Btu/h	19700	25000	36000	45000
	COP	W/W	1.9	1.8	1.9	2
Outdoor Air Flow Volume	Max	CFM	2129.41	2147.06	4500	4500
Noise Level			61	63	63	65
<b>Outdoor unit</b>						
Net Dimension	WxDxH	mm	946x410x810	946x410x810	952x415x1333	952x415x1333
	WxDxH	inch	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
Packing Dimension	WxDxH	mm	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	WxDxH	inch	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
Net/Gross Weight		kg	62.7/67.6	76.2/81.5	101.2/115.2	108.1/122.4
		lbs	138.23/149.03	167.99/179.67	223.11/253.97	238.32/269.84

### Outdoor\_Matched with ducted

Model	Indoor Unit		MTIU-09HWFNI-M*3	MTIU-09HWFNI-M*4
	Outdoor Unit		M3OJ-27HFNI-M	M4OG-36HFNI-M
System			1 Drive 3	1 Drive 4
<b>Performance</b>				
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	28000/28000	36000/37000
	SEER2	Btu/W	21	20
	EER2	Btu/W	11.5	11
	HSPF4	Btu/W	9.2	9.2
Heating at 5°F(-15°C)	Rated capacity	Btu/h	18700	24000
	COP	W/W	2	1.68
Outdoor Air Flow Volume	Max	CFM	2129.41	2147.06
Noise Level			61	63
<b>Outdoor unit</b>				
Net Dimension	WxDxH	mm	946x410x810	946x410x810
	WxDxH	inch	37.24x16.14x31.89	37.24x16.14x31.89
Packing Dimension	WxDxH	mm	1090x500x885	1090x500x885
	WxDxH	inch	42.91x19.69x34.84	42.91x19.69x34.84
Net/Gross Weight		kg	63.4/68.3	76.7/82.3
		lbs	139.77/150.57	169.09/181.44

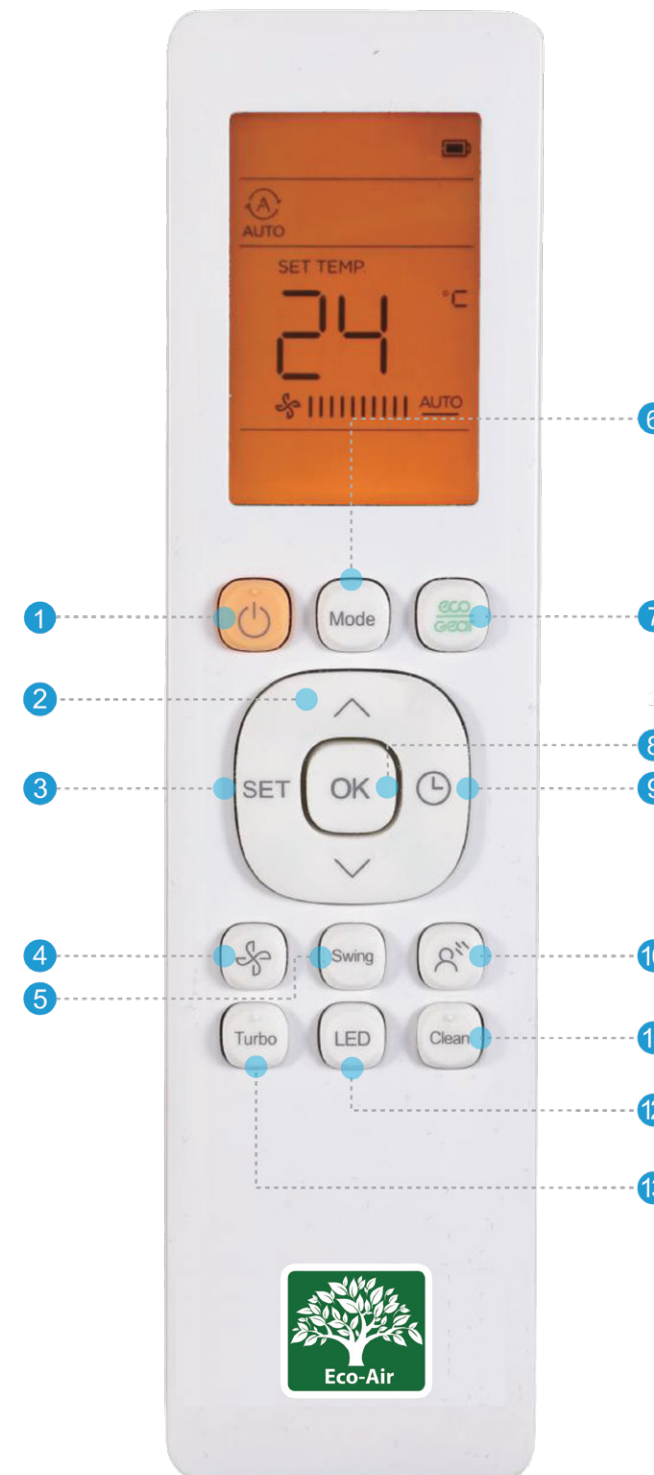
### Hyper Heat Outdoor\_Matched with ducted



Model	Indoor Unit		MTIU-09HWFNI-M*2	MTIU-09HWFNI-M*3	MTIU-09HWFNI-M*4	MTIU-09HWFNI-M*4 +MTIU-12HWFNI-M*1
	Outdoor Unit		M2OI-18HFNI-M	M3OI-28HFNI-M	M4OI-36HFNI-M	M5OG-48HFNI-M-[X]
System			1 Drive 2	1 Drive 3	1 Drive 4	1 Drive 5
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	19000/20000	28000/28000	36000/37000	47000/49000
	SEER2	Btu/W	19	20	19	20.9
	EER2	Btu/W	12	11.7	11.3	11.7
	HSPF4	Btu/W	9.3	9.5	10	8.9
Heating at 5°F(-15°C)	Rated capacity	Btu/h	19000	25000	33000	42500
	COP	W/W	1.85	1.8	1.7	2
Outdoor Air Flow Volume	Max	CFM	2129.41	2147.06	4500	4500
Noise Level			61	63	62	65
<b>Outdoor unit</b>						
Net Dimension	WxDxH	mm	946x410x810	946x410x810	952x415x1333	952x415x1333
	WxDxH	inch	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
Packing Dimension	WxDxH	mm	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	WxDxH	inch	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
Net/Gross Weight		kg	62.7/67.6	76.2/81.5	101.2/115.2	108.1/122.4
		lbs	138.23/149.03	167.99/179.67	223.11/253.97	238.32/269.84



## Remote Control



- 1 **ON/OFF**  
Turns the unit on or off
- 2 **TEMP**  
Temperature setting
- 3 **SET**  
Scrolls through operation  
Functions: Fresh/Sleep/  
Follow Me/AP mode
- 4 **FAN SPEED**  
Select fan speeds: AU/20%/  
40%/60%/80%/100%
- 5 **SWING**  
Starts and stops the  
horizontal louver movement
- 6 **MODE**  
Scrolls through operation  
modes: AUTO/COOL/DRY/  
HEAT/FAN
- 7 **ECO/GEAR**  
Scrolls through energy efficient  
modes: ECO/GEAR(75%)/GEAR(50%)
- 8 **OK**  
Confirms the selected functions
- 9 **TIMER**  
Set timer to turn unit on or off
- 10 **BREEZE AWAY**  
Avoids direct air flow
- 11 **CLEAN**  
Starts and stops the Self Clean  
or Active Clean function
- 12 **LED**  
Turns LED display and air  
conditioner buzzer on and off
- 13 **TURBO**  
Reaches preset temperature  
in shortest possible time

# Icons Guide

## Energy Saving



### ECO

Midea new energy-saving AC apply innovative ECO Mode, by pressing this button, AC will run into a 8-hour saving mode which cuts 60% energy off against normal mode.



### Intelligent Eye Detector

With the build-in infrared sensor, the indoor unit detects human movement. The AC will turn off if you leave the room for 30 minutes and turn on when you come back, which helps saving energy.



### Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1 C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort at night.

## Comfort



### Follow Me

Temperature sensor built in the remote controller will sense its surrounding temperature. So the unit can adjust room temperature more accurately to give you comfort.



### 3D Air Flow

Combines vertical and horizontal auto swing to ensure an even distribution of air throughout the room.



### Fast Cool/Heat Function

Once start this function, the compressor will maximize running frequency, thus you can enjoy cooling and heating in seconds.



### Turbo

This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.



### Smart Dehumidifying

Automatically control room humidity in a comfortable range 45%-55% according to room temperature, inhibit bacteria growth.



### Silent

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



### 12 Grades Indoor Fan Speeds

Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable air flow.



### 5 Grades Outdoor Fan Speeds

Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.



### Anti-cold Air Function

Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to evaporator temperature when the unit just starts heating operation. This function can prevent cold air blowing out to avoid discomfort to the users.



### Temperature Compensation

The temperature sensed by indoor unit is always different from the actual floor temperature due to different installation heights of indoor unit. This function can revise this temperature difference to make a more accurate temperature control.



### 8°C Heating

In heating operation, the preset temperature of the air conditioner can be as low as 8 C, which keeps the room temperature steady at 8 C and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.



### Two-directional Airflow

In cooling mode, horizontal airflow does not blow cool air directly at the occupants in the room. In heating room, vertical airflow provides powerful floor level heating. Precise airflow control makes your room more comfortable.



### 360° Air Flow Panel

360 ° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.



### Auto Swing

Distributes cool/warm air to maximum area by moving horizontal flaps automatically.



### Self-evaporative System

The slinger-up system automatically recycle condensate water of evaporator to condenser, no need of water bucket. Bring more cooling power and improve cooling efficiency.



### Independent Dehumidification

Under independent dehumidification mode, AC will efficiently dehumidify the room.

## Reliability



### Refrigerant Leakage Detect

Indoor unit will show error code "EC" and stop automatically when refrigerant leakage is detected. This function can better protect compressor being damaged by high temperature due to refrigerant leakage.



### Self-diagnosis and Auto-protection

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



### Emergency Using

When temperature sensor error happens, the air conditioner will display error code and stop immediately, while Midea AC will display error and continue running in a proper status, to avoid the case that AC is in urgent need.



### Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15 C.



### Fire-proof Electric Box

Electrical control box adopts new design, which can meet higher fire safety requirement to prevent the internal fire due to electric spark accident.



### Auxiliary Electric Heater

With a built-in auxiliary electric heater, the heating system will be more powerful.



### Chasis Heating Belt

Heating belt is fitted on the base plate of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



### Compressor Heating Belt

Heating belt is fitted on the compressor of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



### Auto Defrosting

Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.

## Health



### High Density Filter

Compared with ordinary dust filter, the anti-dust effect of this high density filter can increase more than 50%, it can clean dust, pollen up to 80%.



### Cold Catalyst Filter

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.



### Self-cleaning

Indoor unit will continue running at special combined mode to blow and dry indoor evaporator after the unit switched off so as to keep clean and healthy.



### Fresh Air

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



### Ionizer

Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.

# Icons Guide

## Energy Saving



### Manual ON/OFF

You can easily turn on/off your AC by pressing manual switch button, without using a remote controller or any special tools.



### Digital Display

If you want to check the function status, just press your remote button, Midea digital display will show ON/OFF to you.



### Remote In Engineer Mode

Main Functions can be changed by modifying programs of remote controller, you can design your most comfortable settings and delete those you don't need.



### Front Desk Control

With a smart control board, Midea air conditioners can be turned on/off via long distance control signals.



### Wired Control

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



### Central Control Management

The centralized controller is a multi-functional device that can control up to 64 indoor units within a maximum connection length of 1200m.



### WIFI Control

With the WIFI control, you can easily turn off the AC outside your house via smart device. Furthermore, you can turn it on before you come back.



### Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.



### Louver Position Memory

Horizontal louver will automatically move to the same position as you set last time when the unit turned on.



### Auto Restart Function

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.



### 2-way Draining

Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.



### Timer

Set the unit to start and stop automatically in a 24h period.



### Build-in Drain Pump

The drain pump can lift the condensing water up to 750mm.



### Convenient Handle

Ergonomic handle makes the carrying much easier and convenient.



### Transparent Water Level Indication

Easy indicate the water level and empty the water tank timely.



### Omni-directional Caster

The integrated swivel casters make the portable AC easier to move.



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