

# Infini Split Specification



Indoor Model No.	MFAG20N	MFAG39N	MFAG50N	MFAG60N	MFAG70N		
Outdoor Model No.	MFAG20W	MFAG35W	MFAG50W	MFAG60W	MFAG70W		
Power supply	Ph-V-Hz 220-240V 1Ph 50Hz						
Rated Cooling	Capacity	2.00	3.55	5.00	6.00	7.00	
	Min	0.80	1.50	2.10	2.10	2.95	
	Max	2.90	4.90	7.20	7.20	9.00	
	Input	415	820	1300	1800	1950	
	Rated current	1.80	3.80	5.80	8.00	8.70	
	EER	4.8	4.3	3.8	3.3	3.6	
	standby power	1.0	1.0	1.0	1.0	1.0	
	AEEER	4.780	4.311	3.836	3.327	3.584	
	seasonal star (hot zone)	5.5	5.0	4.5	4.0	3.5	
	seasonal star (Mixed zone)	5.0	4.5	4.0	3.5	3.5	
	seasonal star (cold zone)	5.5	5.0	4.5	4.0	4.0	
	SRI (MEPS)	5.1	4.1	3.2	2.2	2.7	
Star(MEPS)	5.0	4.0	3.0	2.0	2.5		
Rated Heating	Capacity	2.25	4.00	5.20	6.20	7.50	
	Min	0.90	1.80	2.50	2.50	3.50	
	Max	3.00	5.10	7.80	7.80	9.50	
	Input	460	920	1350	1700	1950	
	Rated current	2.0	5.0	6.0	7.5	8.7	
	COP	4.89	4.35	3.85	3.85	3.85	
	standby power	1.0	1.0	1.0	1.0	1.0	
	ACOP	4.856	4.332	3.842	3.640	3.839	
	seasonal star (hot zone)	3.5	4.0	3.0	3.0	3.5	
	seasonal star (Mixed zone)	3.0	3.0	2.5	2.0	2.5	
	seasonal star (cold zone)	3.0	2.0	2.0	1.5	1.5	
	SRI (MEPS)	5.2	4.2	3.2	2.8	3.2	
Star(MEPS)	5.0	4.0	3.0	2.5	3.0		
Max. current	A	9.5	10.5	15.5	15.5	17.5	
Connection wiring	mm2	1.0x4	1.0x4	1.5x4	1.5x4	1.5x4	
Max. input consumption	W	2100	2300	3600	3600	4050	
Compressor	Model	KSN98064UFZ3	KSN98064UFZ3	KSN140058UFZ	KSN140058UFZ	KTM240043UKT	
	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Indoor fan motor	Brand	GMCC	GMCC	GMCC	GMCC	GMCC	
	Model	ZKFP-13-8-4	ZKFP-13-8-4	ZKFP-30-8-3-10	ZKFP-30-8-3-10	ZKFP-58-8-1-5	
Indoor coil	Input	/	/	36	36	58	
	Speed(Hi/Mi/Lo)	r/min	1050/900/800	1050/900/800	1250/1030/920	1250/1030/920	1150/970/880
	a.Number of rows		2	2	2	2	
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
Outdoor fan motor	c.Fin spacing	mm	1.3	1.3	1.2	1.3	
	d.Fin type (code)		Hydrophilic aluminum				
	e.Tube outside dia.and type	mm	Φ7, inner groove tube				
	f.Coil length x height x width	mm	525x84x13.37+525x105x26.74+525x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74	
	g.Number of circuits		2	4	4	4	
	Indoor air flow (Turbo/Hi/Mi/Lo/Silence)	m3/h	550/460/340/270//	660/530/380/310//	950/800/600/500/0	950/800/600/500/0	1375/1090/900/825/0
	Indoor noise level (Hi/Mi/Lo/Silence)/sound pressure	dB(A)	38/31.5/30/25	39/32.5/30/24.5	44.5/38/34.5/28	44.5/38/34.5/28	45/39/33.5/29.5
	Indoor unit	Dimension(W*D*H)	mm	729x200x292	802x200x295	971x228x321	1082x234x337
		Packing (W*D*H)	mm	790x270x375	875x285x380	1045x305x405	1155x415x315
		Net/Gross weight	Kg	8.0/10.3	8.5/11.1	11.1/14.4	11.1/14.4
Outdoor fan motor	Model	ZKFN-34-10-1-3	ZKFN-34-10-1	ZKFN-80-8-3	ZKFN-80-8-3	ZKFN-80-8-3	
	Speed	r/min	770/560	770/560	800/550	800/550	800/550
Outdoor coil	a.Number of rows		1	2	2	2	
	b.Tube pitch(a)x row pitch(b)	mm	21x22	21x22	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	
	d.Fin type (code)		Hydrophilic aluminum				
	e.Tube outside dia.and type	mm	Φ7, inner groove tube				
	f.Coil length x height x width	mm	745*504*22	860*504*44	900*26.74*609	900*26.74*609	910*40.11*609
	g.Number of circuits		2	4	5	5	5
Outdoor air flow	m3/h	2000	2200	3500	3500	3500	
Outdoor sound pressure level	dB(A)	53	55.5	59.5	59.5	61	
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	805x330x554	890x342x673	890x342x673	
	Packing (W*D*H)	mm	887x337x610	915x370x615	995x398x740	995x398x740	
	Net/Gross weight	Kg	28.5/28.5	32.2/34.9	38.3/41.4	38.3/41.4	43.3/46.4
Refrigerant type(Units pre-charged for 15m pipe run)	Kg	R32/0.62	R32/0.9	R32/1.26	R32/1.26	R32/1.4	
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	
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)/15.0mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	30	50
	Min. refrigerant pipe length	m	3	3	3	3	3
	Max. difference in level	m	10	10	20	20	25
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	17~32/0~30	17~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~-24	0~52/-15~-24	0~50/-15~-24	0~50/-15~-24	-15~50/-15~-24
Application area (Cooling Standard)	m2	9~13	16~23	23~33	27~40	32~47	

# INFINI SPLIT

## Maximal Cooling, Minimal Spending



High-Density Filters

3D Airflow

Flash Cooling

WiFi Ready

Ultra Silent

Energy Saving

### Appearance



### Feature

Heating Chamber

GEARSHIFT

PRIME GUARD

Gear Shift

Flash Cooling

Flash Heating

8°C Heating

Cold Catalyst Filter

High Density Filter

IECO Mode

Low Noise

Wind Avoid Me

Mute Operation

Remote Control App

Weekly Timer

Smart Sleep Curve

Cleaning Reminder

Smart Diagnosis

Full DC Inverter

Fire Proof Electric Box

Intelligent Dusting Switch

Diamond Cabinet

Follow Me

# Flash and Stable Cooling & Heating

## Turbo Cooling

### High - Frequency

Like a racing roadster, this tech enables the compressor to achieve maximum frequency in split of the moment **65Hz within 6s** upon start up, providing you powerful cooling once the air conditioner is on.

**RACER TECH**



## Cooling Under All Weathers

### High - Ambient **COOLING** Low - Ambient **HEATING**

Applying the inverter technology to Midea's strong inverter compressor system, Midea's air conditioner can work at extremely high and low ambient temperatures, from **-15°C to 50°C**.

50°C  
-15°C



## Stable cooling and heating

### Keeping you steadily cool within **±0.5 °C**

Without repeatedly turning off/on to adjust the temperature, Midea's Inverter Quattro™ ensures you enjoy a stable and comfortable cooling experience with minimal temperature fluctuations by constantly varying the compressor rotation speed.

Inverter Quattro™ AC  
Standard AC



# Energy Saving



## Ultra Silent

Operates at a sound as low as **20dB** to ensure your sleep is not disturbed.

**20dB**



- Blooming flower 20dB(A)
- Library 40dB(A)
- Vehicle 60dB(A)
- Train 80dB(A)

\*May vary according to specific model's chosen capacity

## 3D Airflow

The directional air outlet moves automatically to direct air flow to every corner of the room and keep it thoroughly cool.

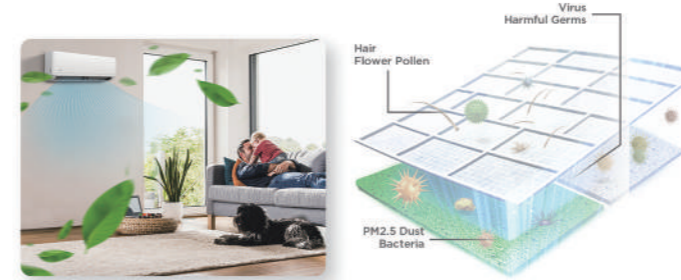


**80°**  
Horizontal

**60°**  
Vertical

## High-Density filters

The dual-filter design enables a thorough elimination of harmful substances and a cleaner air



## Golden Fins

MideaPrimeGuard™ fins are ultra resistant to oxidation and corrosion, and can effectively prevent bacteria from breeding and spreading



## WiFi-Ready



### via external devices

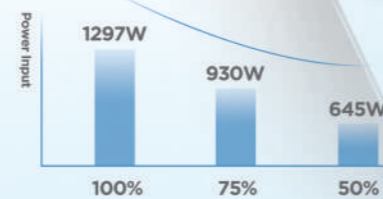
Connect the air conditioner to Amazon Echo or Google Home to control it with voice commands.

### via the App

App equipped with intelligent voice control function for easier air conditioner operation

## Gear-shift Control

Lower operating power can be used to save energy when strong cooling isn't required



## High-efficiency fan blades and ducts

Optimized air fan and ducts delivering same airflow as classic models with 30% less power consumption

**POWER CONSUMPTION ↓ 30%**