Infini Split Specification

Indoor Model No.			MFAG20N	MFAG35N	MFAG50N	MFAG60N	MFAG70N
Outdoor Model No.			MFAG20W	MFAG35W	MFAG50W	MFAG60W	MFAG70W
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz				
Rated Cooling	Capacity	kW	2.00	3.55	5.00	6.00	7.00
	Min	kW	0.80	1.50	2.10	2.10	2.95
	Max	kW	2.90	4.90	7.20	7.20	9.00
	Input	W	415	820	1300	1800	1950
	Rated current	A	1.80	3.80	5.80	8.00	8.70
	EER	W/W	4.8	4.3	3.8	3.3	3.6
	standby power	W	1.0	1.0	1.0	1.0	1.0
	AEER	W/W	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	kW	2.25	4.00	5.20	6.20	7.50
	Min	kW	0.90	1.80	2.50	2.50	3.50
	Max	kW	3.00	5.10	7.80	7.80	9.50
	input	W	460	920	1350	1700	1950
	Rated current	A	2.0	5.0	6.0	7.5	8.7
	COP	W/W	4.89	4.35	3.85	3.65	3.85
	standby power	W	1.0	1.0	1.0	1.0	1.0
	ACOP	W/W	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		KSN98D64UFZ3	KSN98D64UFZ3	KSN140D58UFZ	KSN140D58UFZ	KTM240D43UKT
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Indoor fan motor	Model		ZKFP-13-8-4	ZKFP-13-8-4	ZKFP-30-8-3-10	ZKFP-30-8-3-10	ZKFP-58-8-1-5
	Input	W	/	/	36	36	58
	Speed(Hi/Mi/Lo)	r/min	1050/900/800	1050/900/800	1250/1030/920	1250/1030/920	1150/970/880
Indoor coil	a.Number of rows		2	2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.2	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	2	4	4	4
Indoor air flow (Turbo/Hi/Mi/Lo/Silence)		m3/h	550/460/340/270//	680/530/380/310//	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	13.3/17.0
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	1.6	1.6	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	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	26.5/28.5	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)/15.9mm(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)	℃	16~32/0~30	16~32/0~30	17~32/0~30	17~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	℃	0~52/-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

Appearance

Feature

Heating Chamber · GEARSHIFT · PRIME Y.GUARD

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

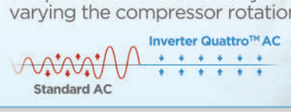
High - Ambient COOLING
Low - Ambient HEATING

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**.

Stable cooling and heating

Keeping you steadily cool within ±0.5 °C

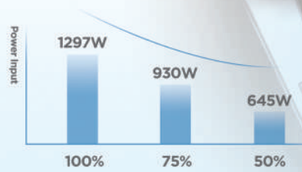
Without repeatedly turning off/on to adjust the temperature, Midea's Inverter Quattro™ ensures you enjoy a stable and comfortable cooling experience with minimal temperature fluctuations by constantly varying the compressor rotation speed.



Energy Saving

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%

Ultra Silent

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

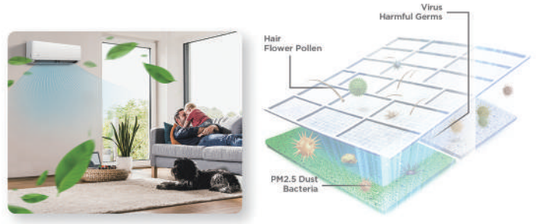
*May vary according to specific model's chosen capacity

3D Airflow

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

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 oxidationand 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