



Model			MIWG-09HRQ	MIWG-12HRQ	MIWG-18HRQ
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220V,1Ph,50Hz
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	822	1095	1600
	EER	W/W	3.21	3.21	3.21
Heating	Capacity	Btu/h	9000	12000	18000
	Input	W	730	974	1550
	COP	W/W	3.61	3.61	3.40
Max. input consumption		W	2200	2200	2800
Work current		A	0.5~3	0.7~3.5	1.5~6.5
Max. current		A	10.5	10.5	13.5
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ
	Brand		GMCC	GMCC	GMCC
Indoor air flow (Hi/Mi/Lo)		m ³ /h	515/371/304	552/471/436	830/590/520
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.9/33.5/30.5	40.5/34.5/31.0	44/36.5/32.5
Indoor unit	Dimension(W*D*H)	mm	729x200x292	802x200x295	971x228x321
	Packing (W*D*H)	mm	790x270x375	875x285x380	1045x305x405
	Net/Gross weight	Kg	8.2/10.5	8.8/11.3	11.8/15.2
Outdoor air flow		m ³ /h	1800	1800	2500
Outdoor noise level		dB(A)	54.2	55	57
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615
	Net/Gross weight	Kg	23.0/24.7	22.3/24.0	32.8/35.5
Refrigerant type		Kg	R410A/0.67	R410A/0.74	R410A/1.4
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	20	20	25
	Max. difference in level	m	5	5	15
Operation temperature		°C	16~30	16~30	16~30
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50/-15~24	0~50/-15~24
Application area (Cooling Standard)		m ²	12~18	16~23	23~34