



Turn to the experts

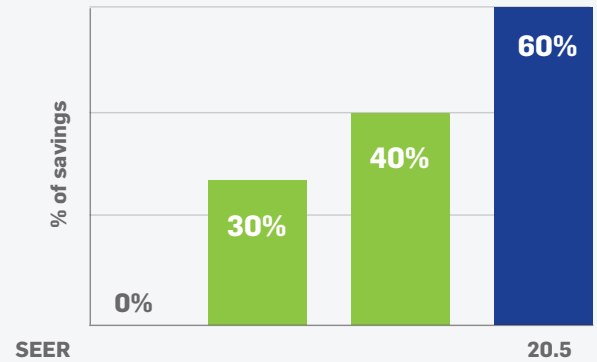


MINI SPLIT SYSTEM 38MHRCC/ 40MHHC





CARRIER INVERTER VS LOW SEER TRADITIONAL SYSTEM



MINI SPLIT SYSTEM **38MHRCC/ 40MHHC**

- ➔ **TURBO**
- ➔ **TIMER**
- ➔ **SELF-DIAGNOSIS AND AUTO-PROTECTION**
- ➔ **AUTO RESTART FUNCTION**
- ➔ **SLEEP MODE**
- ➔ **FOLLOW ME**
- ➔ **LOUVER POSITION MEMORY**
- ➔ **SELF-CLEANING**
- ➔ **GOLDEN ANTICORROSION TREATMENT**
- ➔ **WIFI ENABLED***

EXPONENTIAL SAVINGS

With an efficiency rating of up to 20.5 SEER, the Carrier Inverter can save you up to 58% in your energy bill. This is possible thanks to its DC inverter technology, which allows to maintain a desired temperature with minimum fluctuations.

EXPONENTIAL PRODUCT LIFE

The outdoor unit is built to last with an anti-corrosive treatment, which prolongs the unit's performance and sustains the most severe climates.

TOTAL CONTROL AT YOUR FINGERTIPS

Take control even further. Carrier Inverter has an optional Wi-Fi kit to give you the ability to manage your system's comfort and efficiency from your smartphone. The system can be turned on, off, set the desired temperature, and access other features, all from the convenience of your device. Available for Iphone and Android.

*WiFi enabled (kit sold separately, PN 17310900A00681)

Indoor Unit Model		40MHH12 - A1	40MHH12 - A3	40MHH18 - 3	40MHH24 - 3	
Outdoor Unit Model		38MHRCC12AA1	38MHRCC12AA3	38MHRCC18AA3	38MHRCC24AA3	
Power supply		Ph-V/Hz	115V,1Ph,60Hz	208-230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Nominal Capacity (range)	Btu/h	11500(3200~12800)	11500(3200~12900)	17000(4500~18000)	24000(6760~24300)
	Input	W	1020	991	1600	2580
	Current	A	8.9	4.3	7	11.4
	Current	A	1.47~13.08	1.0~5.4	1.24~7.2	2.1~ 11.43
	EER	Btu/w	11.26	11.19	10.91	9.3
	SEER	Btu/w	20.5	20.5	19	17.1
MINIMUM CIRCUIT AMPACITY		A	19	9	16	19
MAX.FUSE		A	30	15	20	30
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D58UFZ	KTM240D43UKT
	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2035/3255	2035/3255	4315	7600
	Input	W	325/826	325/826	1090	2045
	Rated current(RLA)	A	14.3	14.3	11	14.25
Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 440	ESTER OIL VG74 620	
Indoor fan motor	Model		ZKFP-20-8-113	ZKFP-20-8-6-7	YKFG-28-4-6-5	YKFG-45-4-13
	Input	W	35.0	50.0	58.5	89.0
	RLA	A	/	0.4	0.4	0.45
	LRA	A	/	/	/	0.546
	Winding Resistance	Ω	/	/	/	125.2
	Capacitor	uF	/	/	1.5	3.0
Speed(Hi/Mi/Lo)	r/min	1200/900/760	1200/900/760	1150/1000/850	1150/1000/800	
Indoor air flow (Hi/Mi/Lo)	m3/h	563/403/337	567/403/325	859/717/585	1020/860/710	
Indoor air flow (Hi/Mi/Lo)	CFM	331.18/237.06/198.24	333.53/237.06/191.18	505.29/421.76/344.12	600.00/505.88/417.65	
Indoor noise level (Hi/Mi/Lo)	dB(A)	41.5/33/26.5	41/32/27	44.5/39.5/33	46.5/41.5/34	
Indoor unit	Dimension(W*D*H)	mm	805x193x302	805x193x302	964x222x325	1106x232x342
	Dimension(W*D*H)	inch	31.69x7.60x11.89	31.69x7.60x11.89	37.95x8.74x12.80	43.54x9.13x13.46
	Packing (W*D*H)	mm	875x375x290	875x375x290	1045x405x310	1195x420x320
	Packing (W*D*H)	inch	34.45x14.76x11.42	34.45x14.76x11.42	41.14x15.94x12.01	47.05x16.54x12.40
	Net/Gross weight	kg	8.9/11.4	8.9/11.5	11.5/15	15.1/19
	Net/Gross weight	lb	19.62/25.13	19.62/25.35	25.35/33.07	33.29/41.89
Outdoor fan motor	Model		ZKFN-34-8-1	ZKFN-34-8-1	ZKFN-34-10-1-3	ZKFN-80-8-3
	Input	W	/	/	/	/
	RLA	A	0.6	0.6	0.5	0.76
	Speed	r/min	850/500	850/500	810/700/600	810/720
Outdoor air flow	m3/h	1800	1800	2100	3000	
Outdoor air flow	CFM	1058.82	1058.82	1235.29	1764.71	
Outdoor noise level	dB(A)	52	52.5	52	59	
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	890x342x673
	Dimension(W*D*H)	inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	35.04x13.46x26.50
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	995x398x740
	Packing (W*D*H)	inch	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	39.17x15.67x29.13
	Net/Gross weight	kg	23.2/25	22.1/23.9	27.9/30.3	44.4/47.4
	Net/Gross weight	lb	51.15/55.11	48.72/52.69	61.51/66.80	97.88/104.50
Refrigerant type	g	R410A/650	R410A/650	R410A/900	R410A/1780	
Additional charge per metre	g/m	15	15	15	30	
Additional charge for each ft	oz/ft	0.16	0.16	0.16	0.32	
Design pressure	PSIG	550/340	550/340	550/340	550/340	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	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. refrigerant pipe length	m	25	25	30	50
	Max. refrigerant pipe length	ft	82.02	82.02	98.42	164.04
	Max. difference in level	m	10	10	20	25
	Max. difference in level	ft	32.81	32.81	65.62	82.02
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control	
Room temperature	Indoor(cooling/ heating)	°C	17~ 32//	17~ 32//	17~ 32//	16~ 32//
	Outdoor(cooling/heating)	°C	-15~ 50//	-15~ 50//	-15~ 50//	-15~ 50//
Application area (Cooling Standard)	m2	15~ 22	15~ 22	23~ 33	32~ 47	
Application area (cooling standard)	sq.ft	161.46~ 236.81	161.46~ 236.81	247.57~ 355.21	344.44~ 505.90	
Qty/per 20' /40' /40'HQ		132/266/296	132/266/296	87/180/212	63/129/153	



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