



Turn to the experts



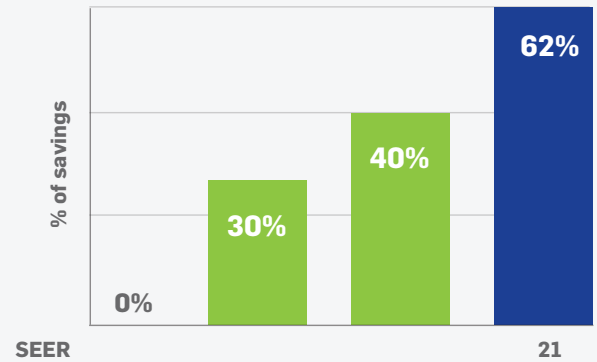
UP TO  
21 SEER

# MINI SPLIT SYSTEM 40MHHA / 38MHRD





CARRIER INVERTER VS LOW SEER TRADITIONAL SYSTEM



## MINI SPLIT SYSTEM 40MHHA / 38MHRD

- ➔ **POWER SAVING OPTION**
- ➔ **WIND AVOID ME**
- ➔ **ECO MODE**
- ➔ **TURBO**
- ➔ **TIMER**
- ➔ **SELF-DIAGNOSIS AND AUTO-PROTECTION**
- ➔ **HD DUST FILTER**
- ➔ **AUTO RESTART FUNCTION**
- ➔ **SLEEP MODE**
- ➔ **FOLLOW ME**
- ➔ **LOUVER POSITION MEMORY**
- ➔ **SELF-CLEANING**
- ➔ **GOLDEN ANTICORROSION TREATMENT**
- ➔ **WIFI ENABLED\***
- ➔ **WIFI KIT IS AMAZON ALEXA COMPATIBLE**

\*Wifi Kit sold separately  
PN 17310900A06281

### EXPONENTIAL SAVINGS

With an efficiency rating of up to 21 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.

# MINI SPLIT SYSTEM SPECIFICATIONS

Indoor Unit Model			40MHAC12XA1	40MHAC09XA3	40MHAC12XA3	40MHAC18XA3	40MHAC24XA3
Outdoor Unit Model			38MRDC12AA1	38MRDC09AA3	38MRDC12AA3	38MRDC18AA3	38MRDC24AA3
Power supply		V-Ph-Hz	115V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	11500(3300~12500)	9000(2800~11000)	11500(3030~12500)	17500(5280~17500)	22000(4840~22000)
	Input	W	970(80~1000)	720(125~1100)	970(80~1000)	1550(190~1550)	2150(175~2150)
	Current	A	8.5(1.0~9.0)	3.1(0.5~4.8)	4.2(0.7~4.8)	6.8(1.4~6.8)	9.3(1.7~9.3)
	EER 2	Btu/hr/W	11.9	12.5	12.0	11.3	10.2
	SEER 2	Btu/hr/W	21	20.5	21	21	20
MINIMUM CIRCUIT AMPACITY(Indoor)		A	3	3	3	3	3
MAX.FUSE(Indoor)		A	15	15	15	15	15
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	18	11	11	16	16
MAX.FUSE(Outdoor)		A	30	15	15	20	20
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KSN140D58UFZ	KSN140D58UFZ
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	W	3255	3255	3255	4315	4315
	Input	W	826	826	826	1090	1090
Indoor fan motor	Model		ZKFP-20-8-113	ZKFP-13-8-4	ZKFP-13-8-4	ZKFP-30-8-3-10	ZKFP-58-8-1-5
	Speed(Hi/Mi/Lo)	r/min	1200/1040/960	1050/910/840	1200/1040/960	1200/980/870	1100/960/840
Indoor air flow (Hi/Mi/Lo)		m3/h	566/430/360	419/350/250	550/395/330	800/600/520	1000/800/680
Indoor air flow (Hi/Mi/Lo)		CFM	332.94/252.94/211.76	246.47/205.88/147.06	323.53/232.35/194.12	470.59/352.94/305.88	588.24/470.59/400.00
Indoor noise level (Hi/Mi/Lo)		dB(A)	40.5/35.5/33	35.0/31.0/22.5	40/35.5/30.5	46/38.5/31.5	47.5/39.5/36
Indoor unit	Dimension(W*D*H)	mm	802x200x295	729x200x292	802x200x295	971x228x321	1082x234x337
	Dimension(W*D*H)	inch	31.57x7.87x11.61	28.70x7.87x11.50	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27
	Packing (W*D*H)	mm	875x285x380	790x270x375	875x285x380	1045x305x405	1155x415x315
	Packing (W*D*H)	inch	34.45x11.22x14.96	31.10x10.63x14.76	34.45x11.22x14.96	41.14x12.01x15.94	45.47x16.34x12.40
	Net/Gross weight	kg	8.7/11.1	7.88/10.11	8.6/11	11.2/14.4	13.6/17.1
	Net/Gross weight	lb	19.18/24.47	17.37/22.29	18.96/24.25	24.69/31.75	29.98/37.70
Outdoor fan motor	Model		ZKFN-34-8-1	ZKFN-34-10-1-3	ZKFN-34-8-1	ZKFN-34-10-1-3	ZKFN-34-10-1-3
	Speed(Hi/Lo)	r/min	850/600	850/500	850/600	810/600	810/550
Outdoor air flow		m3/h	1800	1800	1800	2100	2300
Outdoor air flow		CFM	1058.82	1058.82	1058.82	1235.29	1352.94
Outdoor noise level		dB(A)	54.5	53.5	54.5	55.5	56.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	720x270x495	765x303x555	805x330x554
	Dimension(W*D*H)	inch	28.35x10.63x19.49	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81
	Packing (W*D*H)	mm	835x300x540	835x300x540	835x300x540	887x337x610	915x370x615
	Packing (W*D*H)	inch	32.87x11.81x21.26	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21
	Net/Gross weight	kg	23/24.7	21.49/23.16	22/23.8	27.9/30.3	30.5/33.1
	Net/Gross weight	lb	50.71/54.45	47.38/51.06	48.50/52.47	61.51/66.80	67.24/72.97
Refrigerant type			R410A/0.66kg	R410A/0.57kg	R410A/0.66kg	R410A/0.9kg	R410A/1.07kg
Additional charge per metre		g/m	15	15	15	15	30
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.16	0.32
Design pressure		PSIG	550/340	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)/9.52mm(3/8in)	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	25	30	30
	Max. refrigerant pipe length	ft	82.02	82.02	82.02	98.42	98.42
	Max. difference in level	m	10	10	10	20	20
	Max. difference in level	ft	32.81	32.81	32.81	65.62	65.62
Connection wiring			16#x4//	16#x4//	16#x4//	16#x4//	16#x4//
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Indoor(cooling/ heating)	°C	16~32	16~32	16~32	16~32	16~32
	Outdoor(cooling/heating)	°C	0~50	0~50	0~50	0~50	0~50



Turn to the experts