



Turn to the experts

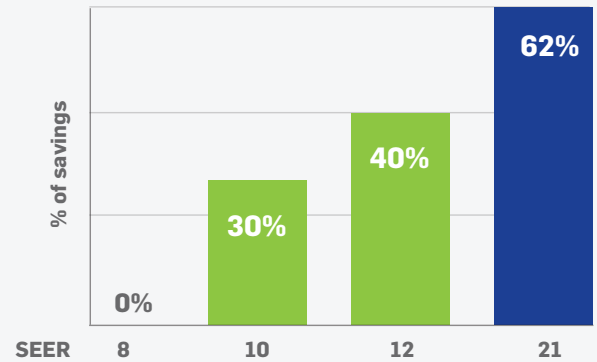


MINI SPLIT SYSTEM 40MHHA / 38MHRD





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 |



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