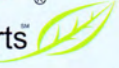




turn to the experts 



 **Elite Plus**
INVERTER

Features

Health



Active Carbon Filter

ACTIVE CARBON

Carrier air conditioners take advantage of the latest technology to bring refreshing air into your home.



Comfort



Auto Changeover



Turbo Operation



Independent Dehumidification



Two-Direction Airflow



Wide-Angle Airflow



Anti-Cold-Air (Heat Pump Only)



Low Noise Airflow System



Temperature Compensation



Follow Me

Follow me

With this function, the room temperature sensor built into the remote controller is activated and replaces the one in the indoor unit. The air conditioner will then regulate the room temperature based on the temperature around the remote controller, just like the air conditioner is following the user.



Reliability



Anti Rust



Valve Protection



Self-diagnosis

5 Step Anti Rust Condensing Unit

1. Galvanised Metal
2. Electrophoresis Technique
3. Powder Coating
4. Paint Coating
5. Dacromet Screws

5 Steps



Energy Saving



Sleep Mode



Trapeziform Innergroove Copper Piping



Multi-bend Evaporator



Hydrophilic Aluminium Fin

Sleep Mode

This function enables the unit to automatically increase (cooling) or decrease (heating) 1° per hour for the first two hours, then stabilises for the next 5 hours, after which the unit will stop operation. It maintains the optimum temperature while saving energy.



Convenience



Auto-Restart



Cleanable Panel



Flexible Wiring Connection



2 Way Piping Connection

Auto-Restart

The unit will restart automatically, using the same user settings after power cuts are restored



Features:  Standard

DC Inverter Technology

Rather than using a fixed speed compressor, the Carrier Inverter system uses a variable speed compressor, which means the cooling and heating capacities vary in order to suit Indoor conditions.

This makes the Carrier Inverter Unit more economical and efficient to operate, produces less noise than standard counterparts and contain most superior features.



More Economical



Energy Saving

When indoor temperatures reach your desired levels, inverter air conditioners operate their compressors at low speeds and maintain desired temperatures, thus reducing your electricity cost by about 40%, compared to conventional air conditioners.

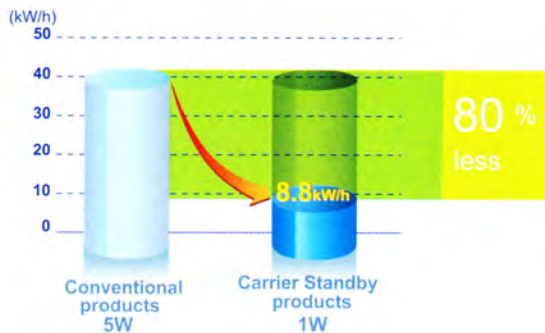
1W Standby

Intelligent on/off technology enables Carrier products to automatically enter energy-saving mode when on standby and cut energy consumption from the normal 5W to 1W, which results in a 80% standby power use reduction



Conventional A/C

Inverter A/C

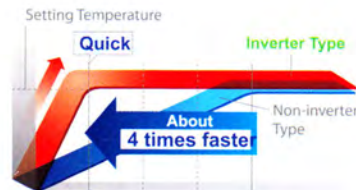


More Powerful



Powerful Capacity – Quick Cooling & Heating

Carrier Inverter air conditioners increase the speed of their compressors to offer more powerful performance. This results in attaining the desired temperature much faster than conventional air conditioners, in both cooling and heating modes

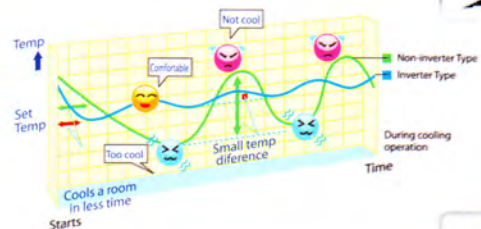


More Comfortable



Precise Control – Constant Temperature

After rapidly reaching the set temperature, Carrier Inverter air conditioners finely adjust output power to maintain a constant temperature with minimal fluctuation, and guarantees a pleasant, comfortable environment.



More Reliable



Wide Startup Voltage & Operation Temperature

By using variable speed compressors, Carrier Inverters air can start up at 168 – 264 voltage and operate very well at -5°C to 43°C ambient temperature.



Specifications

X-Power Elite Plus

| MODEL | | | LUV 028H | LUV 035H | LUV 052H | LUV 065H | LUV 070H | LUV 080H |
|-------------------------------|------------------------|-------------------|------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| | Outdoor Model | | 42LUV 028H | 42LUV 035H | 42LUV 052H | 42LUV 065H | 42LUV 070H | 42LUV 080H |
| | Indoor Model | | 38LUV 028H | 38LUV 035H | 38LUV 052H | 38LUV 065H | 38LUV 070H | 38LUV 080H |
| Power supply | | Ph-V-Hz | 1Ph, 220V, 50Hz | 1Ph, 220V, 50Hz | 1Ph, 220V, 50Hz | 1Ph, 220, 50Hz | 1Ph, 220V, 50Hz | 1Ph, 220V, 50Hz |
| Cooling | Capacity (Nom/Min/Max) | Btu/h | 8800(2000-11200) | 12000(3700-13600) | 17000(7800-19100) | 20500(12000-25000) | 23500(12000-25000) | 27300(12000-28600) |
| | Input | W | 680 | 920 | 1560 | 1880 | 2160 | 2500 |
| | Rated current | A | 3.20 | 4.24 | 7.20 | 8.70 | 9.70 | 11.52 |
| | EER | W/W | 3.6 | 3.6 | 3.2 | 3.2 | 3.2 | 3.2 |
| Heating | Capacity (Nom/Min/Max) | Btu/h | 9900(3000-13300) | 13000(4000-14300) | 18000(7800-19400) | 21500(10900-27000) | 25000(10900-27000) | 29000(12000-30700) |
| | Input | W | 730 | 960 | 1560 | 1850 | 2150 | 2550 |
| | Rated current | A | 3.28 | 4.40 | 7.15 | 8.50 | 9.88 | 11.80 |
| | COP | W/W | 4 | 4 | 3.4 | 3.4 | 3.4 | 3.4 |
| Moisture Removal | | L/h | 1.2 | 1.4 | 1.8 | 2.2 | 2.6 | 3.0 |
| Max. current | | A | 8 | 9 | 13.5 | 15 | 15 | 17 |
| Indoor air flow (Hi/Mi/Lo) | | m ³ /h | 650/540/460 | 730/600/530 | 800/700/630 | 1070/1000/860 | 1100/1050/900 | 1300/1030/930 |
| Indoor noise level (Hi/Mi/Lo) | | dB(A) | 40/35/30 | 40/33/31 | 44/40/35 | 49/43/41 | 49/43/41 | 49/46/43 |
| Indoor unit | Dimension(W*D*H) | mm | 790x195x265 | 920x225x292 | 920x225x292 | 1080x228x330 | 1080x228x330 | 1250x230x325 |
| | Packing (W*D*H) | mm | 875x285x375 | 1015x295x368 | 1015x295x368 | 1165x445x320 | 1165x445x320 | 1345x430x335 |
| | Net/Gross weight | Kg | 9/11 | 11.5/14.5 | 12/15 | 14.5/20.5 | 15.5/20.5 | 17.5/25 |
| Outdoor noise level | | dB(A) | 53 | 55 | 57 | 55 | 57 | 60 |
| Outdoor unit | Dimension(W*D*H) | mm | 760x285x590 | 760x285x590 | 760x285x590 | 845x335x695 | 895x330x860 | 895x330x860 |
| | Packing (W*D*H) | mm | 887x355x645 | 887x355x645 | 887x355x645 | 965x395x755 | 1043x395x915 | 1043x395x915 |
| | Net/Gross weight | Kg | 35.5/39 | 36/40 | 40.5/43 | 47/50.5 | 63.5/67.5 | 72/76.5 |
| Refrigerant type | | g | R410A / 930g | R410A / 1070g | R410A / 1180g | R410A / 1650g | R410A / 1900g | R410A / 2400g |
| Refrigerant piping | Liquid / Suction | mm(inch) | 1/4" & 3/8" | 1/4" & 1/2" | 1/4" & 1/2" | 3/8" & 5/8" | 3/8" & 5/8" | 3/8" & 5/8" |
| | Max. ref pipe length | m | 20 | 20 | 20 | 25 | 25 | 25 |
| | Max. height difference | m | 8 | 8 | 8 | 10 | 10 | 10 |
| Ambient temp (cool/heat) | | °C | -5-43/-15-34 | -5 -43/-15-34 | -5 -43/-15-34 | -5-43/-15-34 | -5 -43/-15-34 | -5 -43/-15-34 |

Remarks: 1. The above design and specifications are subject to change without prior notice for product improvement.

2. All units are being tested and comply to ISO 5151.

Cooling: 35°C (DB)/24°C (WB) outdoor, 27°C (DB)/19°C (WB) indoor;

Heating: 7°C (DB)/6°C (WB) outdoor, 20°C (DB)/15°C (WB) indoor.



ATC Siya Phambili AIRCONDITIONING
 Unit 36, Trade link Park, Gants Centre, Strand 7140
 Tel: (021) 854 3130 Fax: (021) 854 3157
 PO Box 3264 Somerset West 7129 E-mail: atcape@mweb.co.za