

# Be Enjoyed



Carrier is committed to continuously improving its products, to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice



## Carrier Inverter

Unmatched comfort is achieved by quickly and evenly maintaining your desired room temperature. Superior reliability and quieter operation by using advanced DC inverter compressor technology.

## Advanced Inverter Technology

The high efficiency of Carrier's Inverter comes from the latest DC inverter technology. The result is world class performance in energy saving, comfort and quiet operation. Carrier's Inverter is A\* class in cooling and heating.



### Saving

Higher energy saving, thanks to accurate digital power control and super efficient compressor.

\*Europe Energy Efficiency Regulation



### Comfort

Unmatched comfort, by quickly achieving and evenly maintaining your desired room temperature.



### Quiet operation

Superior reliability and quieter operation, due to the advanced DC Inverter compressor.

## PAM and PWM a winning combination

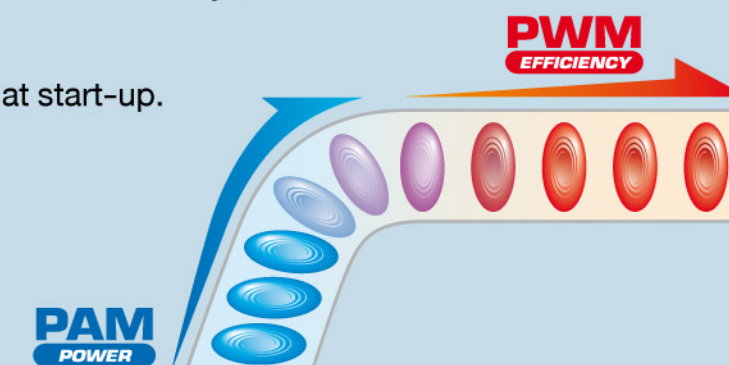
The sophisticated XPower DC inverter technology combines two innovative control systems to maximize energy savings and guarantee optimal comfort.

**PAM** (Pulse Amplitude Modulation) generates maximum power at start-up.

**PWM** (Pulse Width Modulation) optimises the efficiency once the ideal temperature has been reached.

The advanced electronic management system reduces energy consumption by up to 50%\* when compared with traditional systems.

\*12k Btu Inverter vs. 12k Btu Fixed Speed product





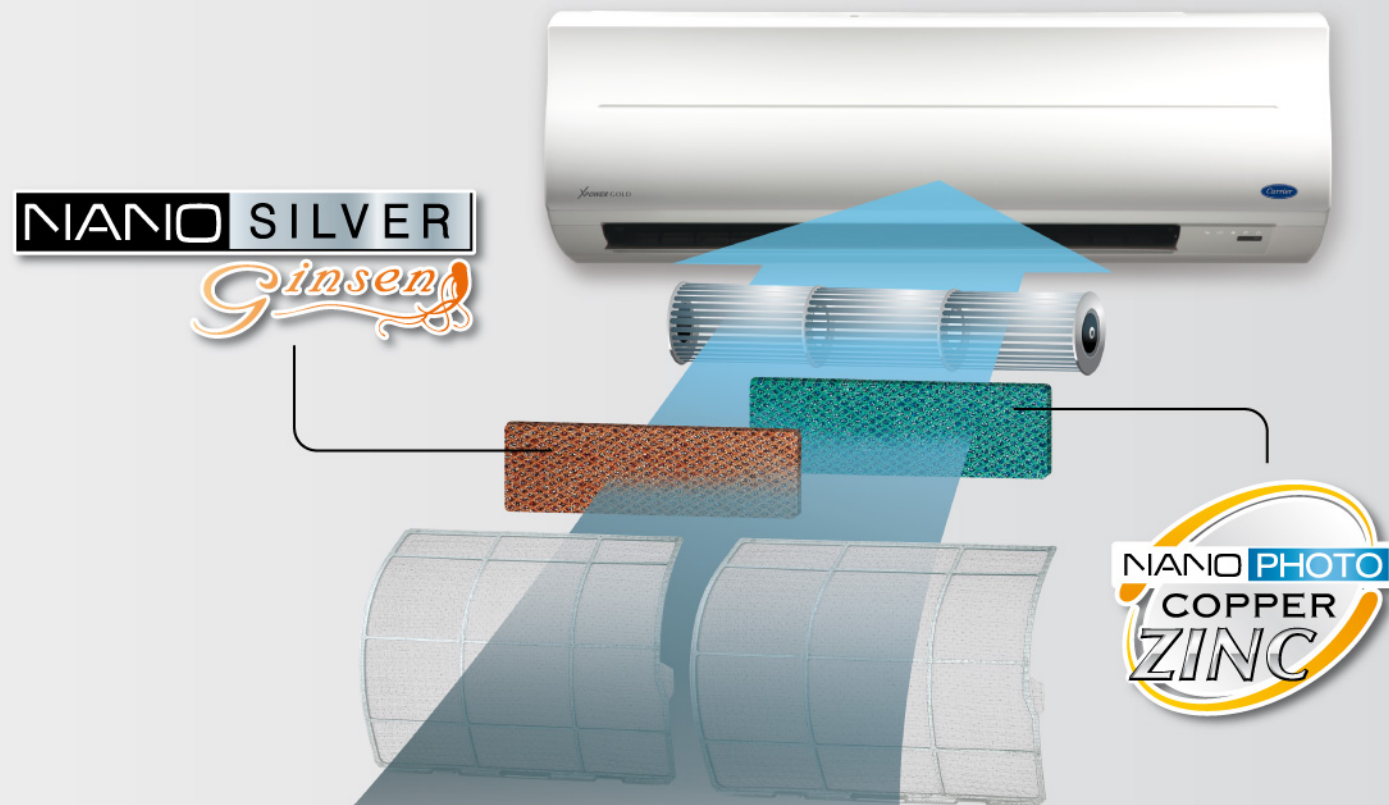
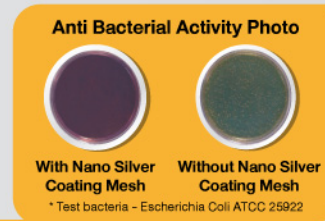
## Nano Technology Filtration System

Breathe freely with Carrier Nano technology

Carrier's innovative approach is now applied to transforming the air quality in your home or office. Carrier has employed Nano technology to rapidly purify the air.

### Nano Silver Ginseng Filter

A strong blend of technology (Nano Silver) plus natural ingredient (Ginseng extract) enhances the elimination of antibacterial, anti-fungal and deodorising properties.

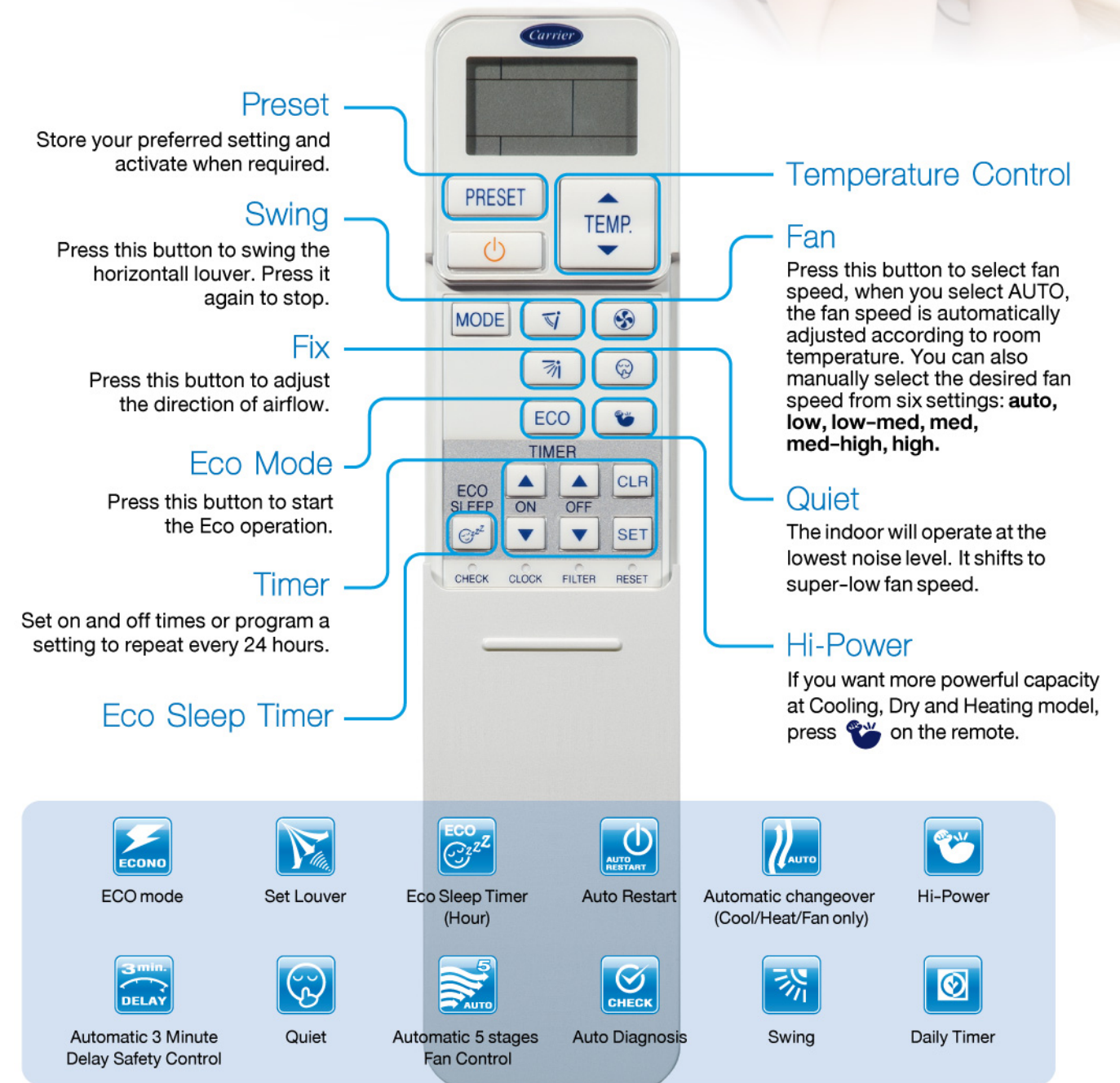


### Nano Photo Copper Zinc Filter

Nano Photo-Copper Zinc is a powerful deodorising and de-VOC (Volatile Organic Compounds) filter. Using Nano-sized particles increases performance while Copper allows strong performance without a source of light. Nano Photo Copper Zinc also deactivates bacteria and mould.

## New Stylish Remote Control

Carrier My Comfort remote control is equipped with unique features, sophisticated design and simple to use buttons.





## Carrier's Smart Features



**20%  
Energy  
Saving**


### Econo Mode / Eco Mode

Press button ECO on the remote if you want silent and mild operation at Cooling, Heating and Auto modes and energy save up to 20%\* compared to standard settings.

\*Compare to Fixed Speed model



### High Power Cooling / Heating

For more powerful airflow in Cooling or Heating mode, press  on the remote Control. It will provides up to 1220 m³/h\* of fresh air instantly.

\* Size 22k



### Wider Airflow

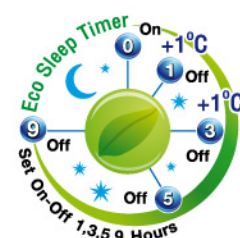
The horizontal louver provide wider airflow, for more comfort throughout your home. The Carrier remote gives you 11 steps\* of control over your airflow. The unit includes an auto-swing mode, which sets the airflow to the best position for heating or cooling and distributes air evenly around the room.

\*Size 18k, 22k



### Daily Timer

The Carrier remote control allows you to set the exact time when you want your air conditioner to start and stop operating. This can be operated automatically on a daily basis.



### Eco Sleep Timer

The Carrier remote control provides a very convenient automatic stop operation and fan control which is programmable for 1, 3, 5 or 9 hours. Meanwhile the unit will create the best comfort levels while you sleep. The temperature will increase by one degree after one hour and another one degree after two hours. The temperature will remain at this level until morning.



### Auto Diagnosis

For your convenience, each unit is equipped with a smart auto-diagnosis system that will indicate any problem areas and enable fast, effective repair.

## Product line up



### COOL ONLY

**42CVUR010-703**  
2.50(1.10-2.90)kW



**38CVUR010-703**



### COOL ONLY

**42CVUR013-703**  
3.50(1.10-3.90)kW

**42CVUR016-703**  
4.50(1.60-4.90)kW



**38CVUR013-703**

**38CVUR016-703**

**38CVUR018-703**

**38CVUR022-703**



### COOL ONLY

**42CVUR018-703**  
5.00(1.10-6.00)kW

**42CVUR022-703**  
5.80(1.20-6.50)kW

## Specifications

### Hiwall Single Split Type

Type	COOL ONLY											
Indoor Unit	42CVUR010-703			42CVUR013-703			42CVUR016-703			42CVUR018-703		
Outdoor Unit	38CVUR010-703			38CVUR013-703			38CVUR016-703			38CVUR018-703		
Power Supply (Ph/Hz/V)	1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230		
	220V	230V	240V	220V	230V	240V	220V	230V	240V	220V	230V	240V
Capacity (kW)	2.50(1.10-2.90)	2.50(1.10-2.90)	2.50(1.10-2.90)	3.50(1.10-3.90)	3.50(1.10-3.90)	3.50(1.10-3.90)	4.50(1.60-4.90)	4.50(1.60-4.90)	4.50(1.60-4.90)	5.00(1.10-6.00)	5.00(1.10-6.00)	5.80(1.20-6.50)
Power Consumption (kW)	0.77(0.26-0.96)	0.77(0.26-0.96)	0.77(0.26-0.96)	1.09(0.255-1.33)	1.09(0.255-1.33)	1.09(0.255-1.33)	1.60(0.46-1.90)	1.60(0.46-1.90)	1.60(0.46-1.90)	1.51(0.19-2.13)	1.51(0.19-2.13)	1.795(0.21-2.33)
Operating Current (A)	3.70(1.69-4.60)	3.53(1.61-4.42)	3.39(1.55-4.25)	5.15(1.45-6.20)	4.95(1.38-5.92)	4.75(1.32-5.66)	7.50(2.40-8.85)	7.20(2.30-8.47)	6.90(2.20-8.10)	7.10(1.16-9.90)	6.79(1.12-9.50)	8.40(1.31-10.81)
COP (W/W)	3.25(4.23-3.01)	3.25(4.23-3.01)	3.25(4.23-3.01)	3.21(4.31-2.93)	3.21(4.31-2.93)	3.21(4.31-2.93)	2.81(3.48-2.58)	2.81(3.48-2.58)	2.81(3.48-2.58)	3.31(5.79-2.82)	3.31(5.79-2.82)	3.23(5.71-2.79)
Indoor Unit	42CVUR010-703			42CVUR013-703			42CVUR016-703			42CVUR018-703		
Dimension (HxWxD) (mm)	250x740x210			275x790x235			275x790x235			320x1050x238		
Net weight (kg)	8			10			10			14		
Airflow Volume (h) (m³/h)	522			564			690			858		
Dehumidifying capacity (l/h)	1.5			2.0			2.5			2.8		
Sound Pressure (h-l) (dB)	39/36/34/32/30			40/37/34/31/27			46/43/41/36/31			44/41/38/35/32		
Sound Power (h) (dBA)	52			53			59			57		
Fan Motor Output (W)	20			20			30			30		
Outdoor Unit	38CVUR010-703			38CVUR013-703			38CVUR016-703			38CVUR018-703		
Dimension (HxWxD) (mm)	530x660x240			550x780x290			550x780x290			550x780x290		
Net weight (kg)	26			33			36			36		
Refrigerant type	R410a			R410a			R410a			R410a		
Sound Pressure (h) (dB)	48			48			50			49		
Sound Power (h) (dBA)	61			61			63			62		
Usable Outdoor Temp (°C)	21-43			-10-46			-10-46			-10-46		
Compressor Output (W)	750			750			750			1100		
Fan Motor Output (W)	20			43			43			43		
Pipe Size	42CVUR010-703			42CVUR013-703			42CVUR016-703			42CVUR018-703		
Liquide side (mm/inch)	6.35(1/4")			6.35(1/4")			6.35(1/4")			6.35(1/4")		
Gas side (mm/inch)	9.52(3/8")			9.52(3/8")			12.7(1/2")			12.7(1/2")		
Coupler Style	Flare			Flare			Flare			Flare		
Drain tube outside diameter (mm)	16.3			16.3			16.3			16.3		
Maximum Piping Length (m)	10			20			20			20		
Maximum Piping Height (m)	8			10			10			10		
Chargeless Length (m)	10			15			15			15		
Additional refrigerant charge (g/m)	-			20			20			20		
Air filter (Accessory)	42CVUR010-703			42CVUR013-703			42CVUR016-703			42CVUR018-703		
	Nano Photo Copper Zinc 1 pc. Nano Silver Ginseng 1 pc.			Nano Photo Copper Zinc 1 pc. Nano Silver Ginseng 1 pc.			Nano Photo Copper Zinc 1 pc. Nano Silver Ginseng 1 pc.			Nano Photo Copper Zinc 2 pcs. Nano Silver Ginseng 2 pcs.		

\* The specification may be subject to change without notice for purpose of improvement.