

Feature Comparison



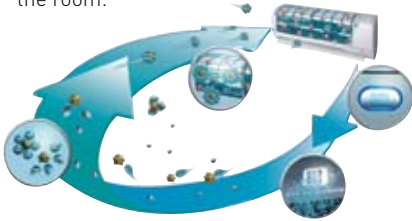
		Single Inverter Split		Single Split		
		Wall-Mounted		Wall-Mounted		
		CS-E9GKR CS-E12GKR CS-E15GKR	CS-E18GKR CS-E21GKR CS-E24GKR CS-E28GKR	CS-W7DKR CS-W9DKR CS-W12EKR	CS-W18DKR CS-W24EKR	
Healthy Air Quality	e-ion Air Purifying System	●	●			
	Patrol Sensor	●	●			
	Supersonic Air Purifying System			●	●	
	SUPER alleru-buster filter			●	●	
	Ion Freshener			● (W7/W9)	● (W18)	
	DEO Deodorising Filter			● (W12)	● (W24)	
	One-Touch Air Filter			●	●	
	Odour-Removing Function	●	●	●	●	
	Removable, Washable Panel	●	●	●	●	
Comfortable	Inverter Control	●	●			
	Quiet Mode	Indoor	●	●	●	●
		Outdoor	● (E15)	●		
	Powerful Mode	●	●	●	●	
	Soft Dry Operation Mode	●	●	●	●	
	Wide & Long Airflow Vane	●				
	Personal Airflow Creation		●		●	
	Airflow Direction Control (Up & Down)	●		●		
	Manual Horizontal Airflow Direction Control	●		●		
	Auto Changeover (Inverter)	●	●			
	Auto Changeover			●	●	
Hot Start Control	●	●	●	●		
Convenient	24-Hour ON&OFF Real Setting Timer	●	●	●	●	
	12-Hour ON&OFF Timer					
	LCD Wireless Remote Controller	● (Large)	● (Large)	●	● (Large)	
Reliable	Blue Fin Condenser	●	●	●	●	
	Random Auto Restart	●	●	●	●	
	Long Piping	15m	20m(E18/E21) 30m(E24/E28)	10m(W7/W9) 15m(W12)	25m	
	Plug Type & Ampere Capacity <small>*The plug must be installed</small>	Outdoor Power Supply	Outdoor Power Supply	Ⓢ 10A	Ⓢ 10A(W18) Ⓢ 20A(W24)	
	Top-Panel Maintenance Access	●	●	●	●	
	Self-Diagnostic Function	●	●			

Feature Explanations

Healthy Air Quality

e-ion Air Purifying System

Active e-ions are shot out to catch dust and inactivate airborne bacteria and mould. The positively charged mega filter attracts dust to thoroughly clean the room.



Patrol Sensor

Air is monitored both during air conditioner operation and when it's switched off. When dirt is detected, the air purifying function is started to immediately clean the air in the room.



Ion Freshener

It is known that areas rich in negative ions, like near waterfalls and forests, generally make people feel refreshed. With Panasonic split air conditioner, the same refreshing feeling can be felt just by pushing a single button.

Deodorising Filter

The photocatalytic filter absorbs odour particles from cigarette smoke and pet and household smells. The deodorisation effect is regenerated when the filter is exposed to sunlight.

Odour-Removing Function

With this function, there's no unpleasant odour when the unit starts up. That's because the fan remains off momentarily, while the source of the odour inside the air conditioner is suppressed.

*The unit must be in cool or dry mode and the fan speed must be set to automatic.

Supersonic Air Purifying System

The Supersonic Air Purifying System incorporated in the indoor unit generates supersonic waves. The system works in combination with the filter to collect dust and dirt in the air for faster, more efficient air purification.



SUPER alleru-buster filter

The SUPER alleru-buster filter combines three effects in one — anti-allergen, anti-virus, and anti-bacteria protection — to keep room air clean and healthy.

Anti-allergen protection

Inactivates more than **99%** of all filter-captured allergens

Here, inactivate means to suppress normal activity. This inactivation of mite allergens has been verified by the University of Edinburgh in the UK.

Anti-virus protection

Inactivates more than **99%** of all filter-captured viruses

Anti-bacteria/Anti-mould protection

Enzymatic action eliminates more than **99%** of all filter-captured bacteria

Anti-Mould, One-Touch Air Filter

Removable, Washable Panel

The front panel is easy to keep clean. It removes quickly with a simple one-step operation and can be washed in water. A clean front panel promotes smoother, more efficient performance, which can save energy.

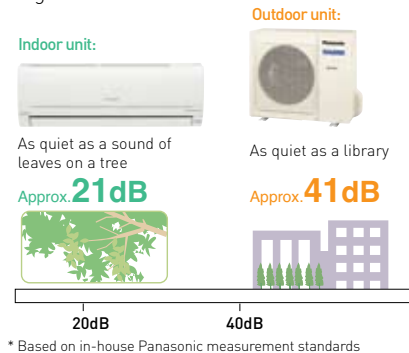
Comfortable

Inverter Control

An inverter air conditioner provides optimum power control, which is impossible for conventional units. The secret lies in the inverter circuit. By changing the frequency of power supply, this circuit alters the rotation speed of the compressor, which is the heart of the air conditioner. The result is comfortable, economical air conditioning.

Quiet Mode

The Quiet Mode reduces both indoor and outdoor unit operating sound. This function is especially convenient for operation near a sleeping baby and at night-time.

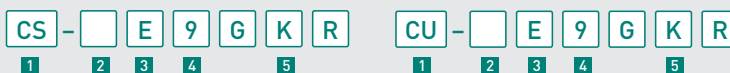


Powerful Mode

Pressing the Powerful button cools or heats the room quickly. It provides fast comfort, with full power and a strong airflow. This is perfect for use immediately after coming home, or when unexpected guests arrive.



The System of Model Numbers for Split Models



1 Model Type

CS : Split Type (Indoor unit)
CU : Split Type (Outdoor unit)
CZ : Accessories

4 Capacity

Value = Capacity (Btu/h) x 1/1000e.g.
18,000 Btu/h x 1/1000 = 18

2 Classification

R : Single Split / Standard
No Indications : Single Split / Deluxe

5 Type

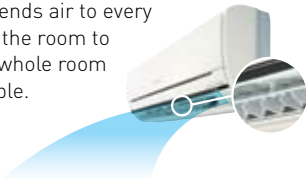
K : Wall-Mounted Type

3 Function

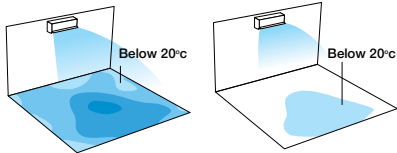
E : Inverter Reverse Cycle
W : Reverse Cycle

Wide & Long Airflow Vane

This newly designed vane has been integrated with the louver to send the air further. Sends air to every corner of the room to keep the whole room comfortable.



Wide & Long Airflow Vane vs Conventional



Conditions: -Our simulated-house facility 13.2m²
-Set temperature 25°C

Personal Airflow Creation

Vertical and horizontal air flow patterns can be combined as desired to gain the greatest possible comfort, with operation possible even from a distance by remote control.

• Up & Down Airflow — 5 Patterns + Auto



When you don't want airflow directed right at you. When you want direct airflow. When you want to warm yourself thoroughly from the feet up.

• Left & Right Airflow — 5 Patterns + Auto



To focus the airflow to one side of the room. To focus the airflow to the centre. For uniform airflow throughout the room.

Auto Changeover (Inverter)

Auto Changeover

Auto Changeover System

Checks three temperatures.



Evaluates the three temperatures and selects the operating mode accordingly.

Heat Dry Cool

* at "AUTO" operation

Hot Start Control

On the start of heating cycle and after defrost cycle, the indoor fan will start up once the indoor heat exchanger is warm.

Airflow Direction Control (Up & Down)

Manual Horizontal Airflow Direction Control

Soft Dry Operation Mode

Starts with cooling to dehumidify. Then provides continuous breeze at low frequency to keep room dry without

Convenient

24-Hour ON & OFF Real Setting Timer

The start or stop operation time (hour and minute) can be set at one time. Or both of the times for start and stop operation can be set.

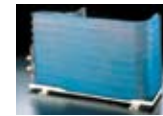
12-Hour ON & OFF Timer

LCD Wireless Remote Controller

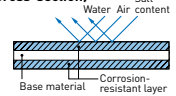
Reliable

Blue Fin Condenser

Condensers can take a beating from exposure to salty air, rain and other corrosive factors. Panasonic has tripled the life of our condensers with an original anti-rust coating.



Special Coating Layer (Fin Cross-section)

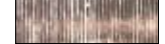


Cyclic Corrosion Test Results

Blue Fins



Non-Blue Fins



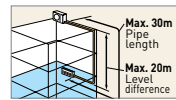
This was tested by: 1. Matsushita Air Conditioning R&D Centre Sdn. Bhd. 2. A third party authorized research institute in Malaysia.

Random Auto Restart

All models are now safe to operate without a starter. With the exclusive Random Auto Restart feature, the air conditioners automatically restart after power failure. Its 32 different recovery-timing patterns ensure that air conditioners in the same building resume one after another instead of all at the same time. This feature helps prevent power surges after a blackout and walls are nearer too.

Long Piping

The basic piping can be extended, allowing the outdoor unit to be installed farther away from the indoor unit and providing greater installation flexibility.



*The graph refers to the CS-E28GKR *Extendable length varies by model. *If the piping is extended past the basic pipe length, there's an extra charge for additional refrigerant.

Top-Panel Maintenance Access

Maintenance of the outdoor unit used to be quite a tedious chore, especially when the unit was installed on a narrow balcony or attached to the outer wall of a high-rise building.

Self-Diagnostic Function

Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows quicker servicing.

Not all features found on all models.



ISO 9001 Certification

CERTIFIED TO MS ISO 9001: 2000
Panasonic HA Air-Conditioning (M) Sdn. Bhd. (PHAAM)
Registration No.: AR 1010

This Panasonic air conditioner factory in Malaysia has received ISO 9001 certification. ISO 9001 Certification attests to the excellent quality assurance systems in place at this factory.

About ISO 9001 Certification

ISO 9001 certification is granted only when thorough examination has shown that products are designed, manufactured, marketed and serviced by a system of quality that is complied with the internationally recognized ISO 9001 quality assurance standard. The Malaysian factory was certified by the world renowned SIRIM organization.

Environmental Management Systems Approval Certificate



MS ISO 14001 CERT. NO. P06860001

CERTIFIED TO MS ISO 14001: 2004

Panasonic HA Air-Conditioning (M) Sdn. Bhd. (PHAAM)
Certification No.: P06860001

Standard Warranty



Panasonic