

HYUNDAI

Air Solution



HYUNDAI is one of the most representative corporate brands in Korea and a global product brand recognized by people all over the world.

"HYUNDAI Electronics & Appliances" is creating new brand values by expanding the global brand power of "HYUNDAI" from automobiles / machinery / shipbuilding / heavy chemicals into Electronics & Appliances as future-oriented fields with high added values.

HYUNDAI

ABOUT **HYUNDAI**

HYUNDAI CORPORATION HOLDINGS emerged in October 2015 from equity spinoff of HYUNDAI CORPORATION which is a representative general trading company in Korea.

With strong brand power of 'HYUNDAI' and its consumer recognition, the company is constantly exploring new business fields through creative experiences, vast business know-how and its own global networks.

HYUNDAI CORPORATION HOLDINGS will secure its creative business model and sustain its global competitiveness while making the best efforts to open new business era.

Also, to become a good friend of customers and to grow into a long-term business partner that cooperates to succeed, all of our employees will work together toward greater development by pioneering new business sectors.



Overseas Networks

Actively engaged in the global market, HYUNDAI CORPORATION GROUP has worked on various business fields through its 43 global business networks established all over the world.

Company : 11 (including investment corporate)

Branch : 26

JV Company : 6

HYUNDAI AIR SOLUTION

SIGNATURE

HYUNDAI Air Conditioner

Keep you comfortable – no matter what the temperature outside may be. Discover sleek, stylish and efficient HYUNDAI air conditioners. Make your life comfortable.





HYUNDAI

RESIDENTIAL AIR CONDITIONER


HYUNDAI Residential Air Conditioner keeps you comfortable in all seasons. Keep yourself cool during summer and warm during winter.

Loaded with innovations to create the perfect environment for break, work, play or chill, these HYUNDAI Residential Air Conditioner introduces you more smart, convenient, cost effective way to stay cool and warm at your home.

HYUNDAI RAC LINE-UP INDOOR Units A/B type

Type		Inverter	
BTU	Room Size		
9K	15~20	ACA-09ISCHI01	-
12K	21~25	ACA-12ISCHI01	-
18K	26~35	ACA-18ISCHI01	-
24K	36~45	ACA-24ISCHI01	-

HYUNDAI RAC LINE-UP OUTDOOR Units A/B type

Type		Inverter
BTU	Room Size	
9K	15~20	ACA-09ISCHO01
12K	21~25	ACA-12ISCHO01
18K	26~35	ACA-18ISCHO01
24K	36~45	ACA-24ISCHO01

FEATURE OVERVIEW A/B type

Category		Fixed	Inverter
Type		Heating & Cooling	Heating & Cooling
Smart	Wifi	Optional	Optional
Durability	Golden Fin	●	●
Airflow	3D (4-way) Airflow	Optional	●
Safety	Self-diagnosis & Auto-protection	●	●
	Refrigerant Leakage Detect	●	●
Fast Cooling & Heating	Air Flow Control Step (Cool/Fan)	●	●
	Fast Cool (Turbo Mode)	●	●
Comfort	Indoor Temp. Display	●	●
	Direct Air (Follow Me)	●	●
	Indirect Air (Avoid Me)	X	X
	Self-Cleaning	●	●
	Timer	●	●
	Silent	●	●
	Auto Restart	●	●
	Anti-mildew (Dry up)	●	●
	Louver Position Memory	●	●
Operating Mode	Auto Mode	●	●
	Dehumidification	●	●
	Defrost mode	●	●
	Fan Mode	●	●
	Anti-cold Air Function	●	●
Energy Efficiency	Energy Saving	●	●
	Display On/Off	●	●
	Good Sleep (Sleep Mode)	●	●
Healthcare	Standard Filter	Washable HD Filter	Washable HD Filter
	Functional Filter	Optional	Optional
	Super Ionizer	Optional	Optional
	UV-C LED	Optional	Optional

SMART OPERATION

HYUNDAI RAC allows you to control and monitor your air conditioners with smartphone even away from home.

Advanced technology provides you many benefits and safety. So easy and smart!



Wi-Fi Control (For selected model only)

Wireless control allows you to control your air conditioner using your mobile phone and a wireless connection even without remote controller.



Smart App Control (For selected model only)

Simply download the App to control your home's air conditioning at anytime and from anywhere for ultimate convenience and peace of mind. Enjoy various functions.



Self Diagnosis and Auto Protection

Smart Diagnosis allows you to monitor the status of your air conditioner and accurately diagnosis problems.



Refrigerant Leakage Detection

The refrigerant leakage detect function can better prevent the compressor being damaged by refrigerant leakage or compressor overload.

FAST&POWERFUL COOLING&HEATING

Even at hot temperature, HYUNDAI RAC can still provide optimal cooling to the room without any interruptions.

Also, it runs at 100% full output capacity to keep you warm even when the ambient temperature is -20°C.



QUICK COMFORT



HYUNDAI DC inverter air conditioner has a wide range of frequency conversion, cooling with 6 times the speed, heating with 9 times the speed. After turning on, it can make the compressor and turbo into the high-frequency operation in 1 minute, to achieve maximum operation speed, and instantly reach the maximum input cooling (heating) volume.



4-Way Swing

The directional air-outlet moves automatically both horizontally and vertically, directing nice and cool airflow to cover every corner of the room.



Long-Distance Windblast

The optimized air duct design synergizes with the turbo fan speed to deliver longer airflow, so you can enjoy the cool air with distance reaching up to 20 meters.



Fast Cooling & Heating

HYUNDAI Air Conditioners provide optimized highspeed airflow, which can cool rooms faster while delivering cool air evenly in every direction. The Fast Heating Mode quickly distributes warm air to every corner of your room.



0.1°C Accurate Sense of Technology

The fine temperature control capacity increased by 2-5 times than ordinary inverter air conditioner and can be based on indoor load to accurately adjust the refrigerant flow, all-time room temperature 0.1°C fine control.

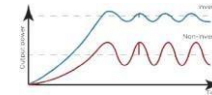
ENERGY EFFICIENCY

HYUNDAI RAC delivers ultra-high energy efficient performance and provides maximum comfort with minimum energy consumption.



Energy Saving ECO MODE

Just touch the Eco Mode button to activate the mode. HYUNDAI RAC can keep you cool over an 8-hour night period with as little as 1 kWh energy consumption, saving 71%.



Full DC Inverter Tech. (Inverter Type Only)

The full DC inverter technology helps maintain your desired temperature without frequently turning the compressors on and off. Instead, it constantly adjusts the compressor and fan speed to achieve ultra-high efficiency.



Wide Voltage Range Start (Inverter Type Only)

HYUNDAI inverter air conditioner with 135v-268v wide voltage range to match all kinds of tough environment.



Tooth-Shaped Inner-Grooved Copper Tube

By adopting new tooth-shaped design and high efficiency inner grooved copper tube technology to enlarge the area between refrigerant and copper, the efficiency of heat exchange can be improved by 30-50%.

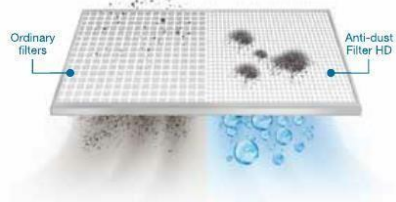
HEALTHCARE

Make sure that the air you breathe is always clean and fresh.

HYUNDAI RAC's Anti-dust HD filtration captures dust, airborne contaminants and allergens, such as pollen, mold spores and pet dander. And it's also washable, so all you need to do is give it a quick rinse in water and then reuse it.



Anti-dust HD Filter



Anti-dust filter will prevent the dirt from penetrating into the air conditioner system, which could guarantee the clean and healthy air

Functional Filtration (For selected model only)

■ Vitamin C Filter ■ Silver Ion Filter ■ Cold Catalyst Filter



Self Cleaning



Keep the inside of your Air Conditioner clean with the Self-cleaning mode. It washes away dust when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost.

Super Ionizer (For Selected model only)



Advanced air guardian technology keeps your family safe by releasing trillions of positive and negative ions to effectively kill bacteria, viruses and other harmful particles.

COMFORT

HYUNDAI RAC provides more user-friendly functions for perfect environment to break, work, play or chill. Make your environment more comfort with more convenient functions.



Louver Angle Memory

When turning on your unit, the louver will automatically resume its former angle.



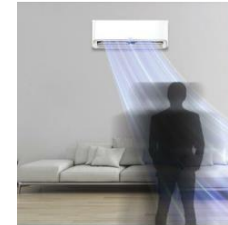
Temperature Display

LCD display shows the current room temperature and desired (setting) temperature.



Low Noise

HYUNDAY Air Conditioners operate at a sound as low as 20db to ensure your sleep is not disturbed.



Follow Me

Tracks your movement to direct wind towards wherever you move.



Sleep Mode

Photosensitive sensor detects light and sound and enter into Sleep mode by turning off the display. It creates the ideal climate in your bedroom for sleeping.

EXTREME DURABILITY

HYUNDAI RAC is designed to extend operating life of an air conditioner in harsh environments, such as coastal areas and regions that have high-humidity levels. Its super sturdy casing and refined outdoor unit design protect against invasions from foreign elements such as acidic rain, salty air, sand and oil stain.



Golden Fin

Compared with traditional aluminum fin, golden hydraulic fin with very unique coating, the using life lasts longer with much better anti-erosion characteristic.



High Voltage Protection

HYUNDAI PCB (Power Circuit Board) has been upgraded to improve its ability to withstand voltage variations, thus ensuring safety under high voltage and power fluctuations, and finally strengthening the overall durability of air conditioners.



Rare Earth Compressor (Inverter Type Only)

DC-inverter rare earth compressor, with internal and external DC motor, DC inverter technology, more energy-saving, silent, stable performance.



4th Generation C-shaped Evaporator

HYUNDAI RAC adopts the 4th generation C-shaped evaporator, which can increase the heat exchanging area by 15-30% and improve the energy efficiency by 12-25%.