

Gold-fin ARC Series

What the ARC Inverter offers



Comparison

LG K Range

Width		Height		Depth	
885		285		210	
Sound pressure level dB					
	35	32	28		
Max length Refrigerant piping 15m					
EER/COP					
2.87		Weight		3.25	
		28.5kg			
Power Input					
Cooling	900W		Heating		840W
Running Current					
Cooling	4.1A		Heating		3.8A

AIRCOOL

Width		Height		Depth	
790		275		200	
Sound pressure level dB					
	36	32	28		
Max length Refrigerant piping 20m					
EER/COP					
3,23		Weight		3,65	
		29kg			
Power Input					
Cooling	825W		Heating		775W
Running Current					
Cooling	3.7A		Heating		3.4A

ARC Gold-fin Inverter

- High Temperature Resistance PCB (Still works at 85°C)
- Competitive price
- Innovative “switch power design” ensures 0.5w standby
- Fire-proof electric box
- Intelligent Auto restart
- Adaptable to voltage from 170v to 265v
- Good EER Rating (More energy efficient)
- Automatic Defrosting

Features



0.5w Standby • Innovative switcher power design ensures only 0.5w standby and wider voltage of PCB between 85v-265v.

Intelligent Auto Restart • Upon power is resumed after power failure, the units in the whole building will not be restarted at the same time to avoid impact of electricity net (suitable for engineering project).



170V Low Voltage Start Up

The unit could operate from 170V to 265V, which is suitable for unstable power supply areas.

INVERTER



0.5W Standby



Comfortable Sleep Curves



Cold Air Prevention



LED Display



Timer



Intelligent Defrosting



Auto Clean



'Turbo' Button



Self-diagnosis



Dehumidifying



Auto Restart

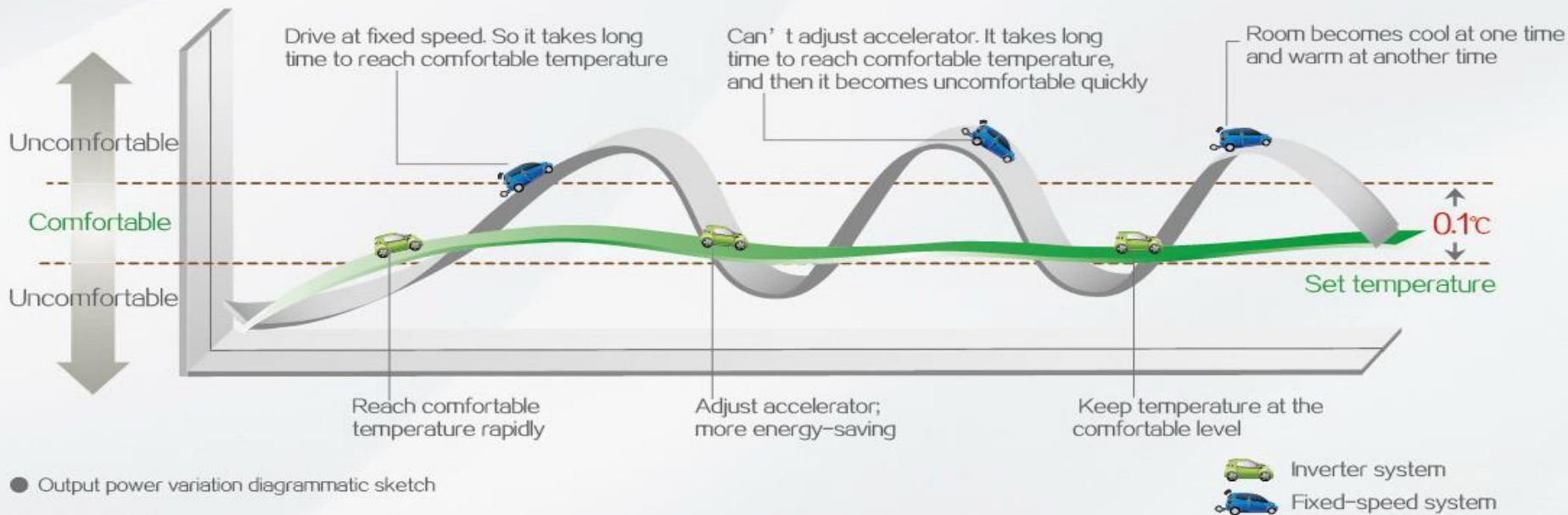


Intelligent Auto Restart



I Feel

How Inverter Saves Energy



Faster Cooling



Precise Temp Control



Energy Saving



Eco-Friendly Refrigerant

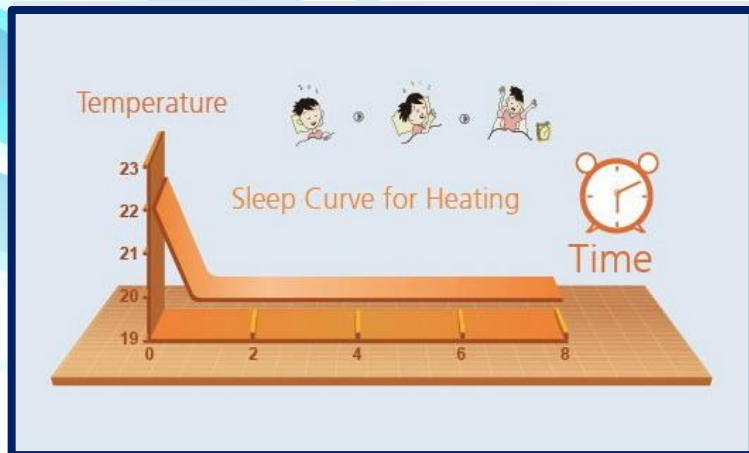
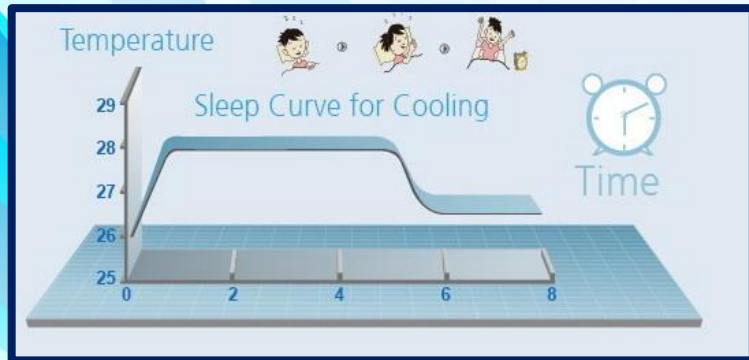


Comfortable

- Horizontal cooling
Airflow from ceiling to ground
- Waterfall heating
Airflow warm from toe to tip.

Wide ambient operating temperature

- Cooling temp range: 18-43 °C
- Heating temp range: -7-24 °C



3 Sleep Curves

Mode 1:

Indoor temp automatically rises (when cooling) or drops (when heating)

Mode 2:

Featuring a unique refreshment function, the Temp is automatically adjusted to be a little Lower before you wake up.

Mode 3:

You could design your own sleep curve under DIY mode.



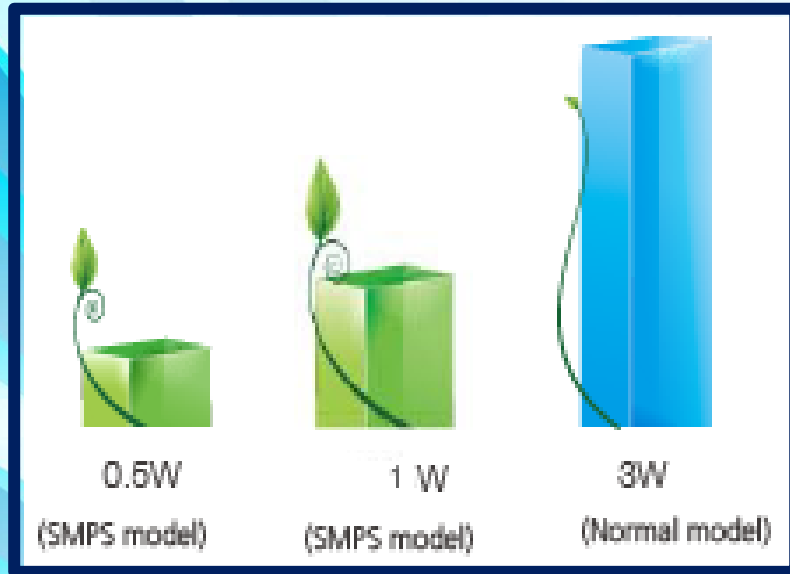
er with I Feel



ster without I Feel

I Feel

The sensor in the remote control can sense its surrounding temp and transmit the signal back to the indoor unit, so the unit can adjust the air flow volume and temperature accordingly to provide maximum comfort.



Low Watt Standby

-0.5W standby

(what the unit consumes while in standby mode)

SMPS

- Switch Mode Power Supply to replace the traditional transformer.
- Higher efficiency
- Wider variation input and better PCB protection
- PCB works well between 95V-260V.

R410a

Uses Efficient and eco friendly R410a refrigerant



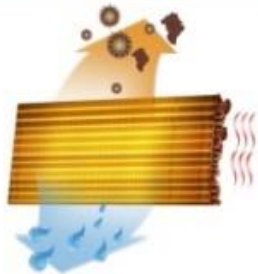
Self-diagnostics

The unit shows error codes automatically to facilitate maintenance.



Dual water outlets

Left or right side drain outlets making installation easier.



Golden Fins

Gold Fin coated condenser coils
Improves anti corrosion potential and improves heat transfer by as much as 92%



Integrated design

The integrated rear base and water tray design, avoids water leakage and reduces noise.



Fire-proof electric box

The Electric box sealed by a metal casing, helping to prevent fire in case of a short-circuit.

AIRCOOL Can Offer

- **9 Production Bases**
- **60,000,000 RAC Annual Production Capacity**
- **5,500,000 CAC Annual Production Capacity**
- **80 000 Employees**
- **5 000 Engineers**
- **400 Labs**
- **200 Countries**
- **Cutting edge Technology**

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Production Bases



Zhuhai China



Manaus Brazil 2000



Lahore, Pakistan 2005

The image is a composite of two photographs of an air conditioner manufacturing plant. The left photograph shows a long, brightly lit assembly line with several workers in light blue uniforms working on units. The right photograph is a closer view of a worker assembling a unit, with a robotic arm visible in the background. The background of the text is a semi-transparent blue overlay on the left photo.

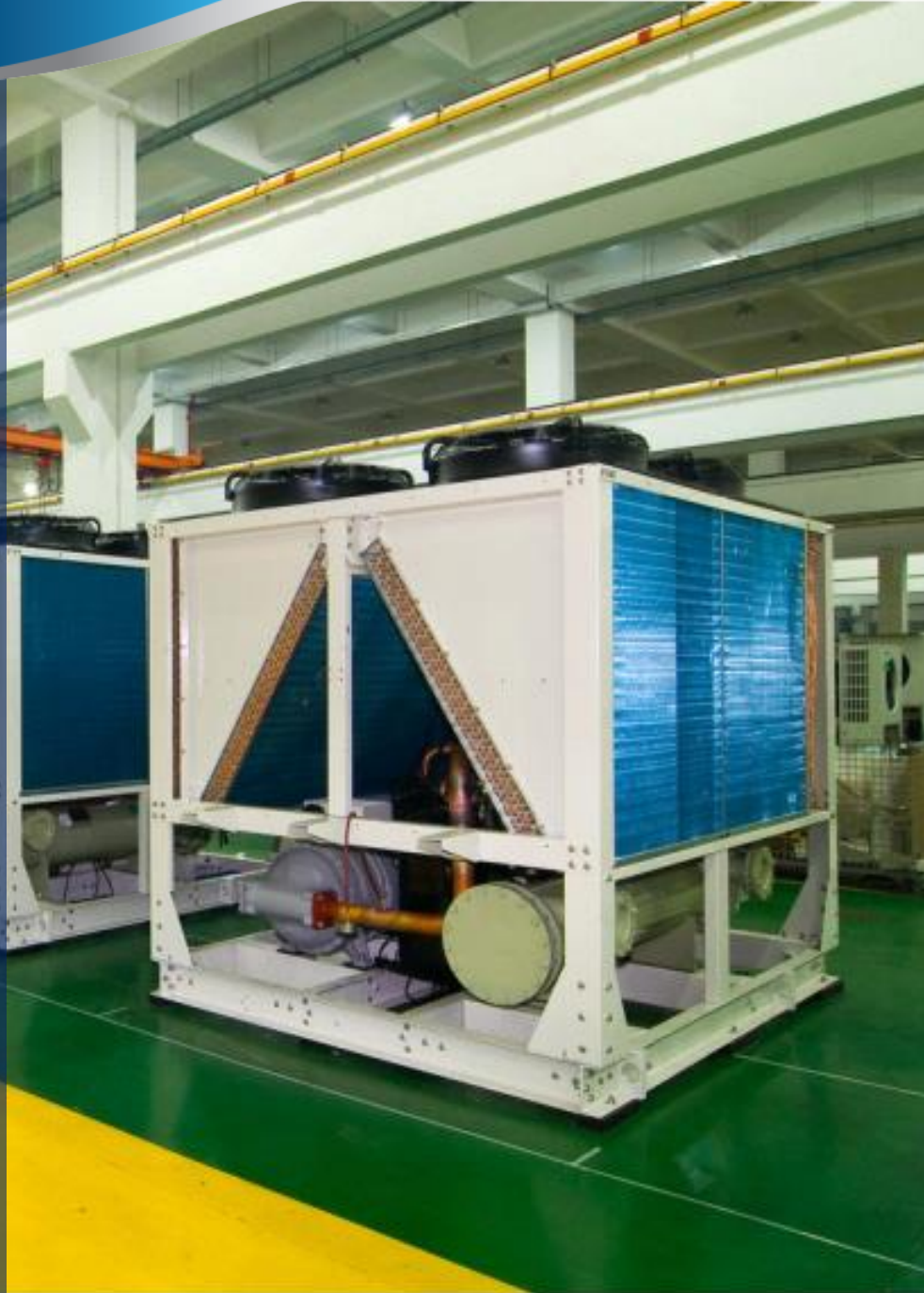
60,000,000

Residential Air Conditioners
annual production capacity

Total global residential air con: 100 million sets
1 Set per second

5,500,000

Commercial Air Conditioners
annual production capacity



80,000
Employees



400

Laboratories

200

Countries/Regions

