



A brand of Guangdong Chigo Air Conditioning Co.,Ltd

Sole Distributor in the United Arab Emirates:



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ءاوه تافي كم
AIR CONDITIONERS

30's TRANSIENT COOLING



More Comfortable



Powerful refrigeration

Through unceasing R&D and breakthroughs, LAKES engineers optimized the wind wheel and improved the evaporator to enhance the refrigeration effect of air conditioners. That is to say, in the rated working condition and at the standard voltage, the efficiency can be improved by 9% at most.



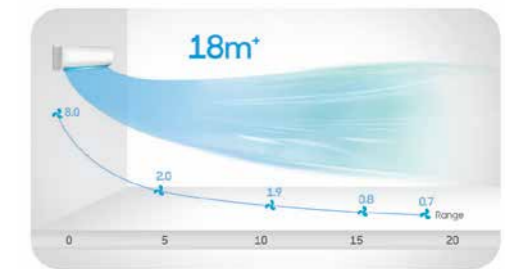
Lower noise

The air supply system with low noise realizes low-noise operation by adopting fans with large diameters, optimizing distance between the fans and volute tongue in water collector duct and achieving optimal design of horizontal louver at air outlet.



Large air flow and longer distance of air supply

LAKES has designed the hydrodynamic air duct structure of air conditioner in conjunction with China Academy of Engineering Physics. Through optimizing the air duct system of air conditioner with CFD numerical simulation technique, the air flow was increased by over 20% and the distance of air supply lengthened from 15m to 18m.



More Convenient

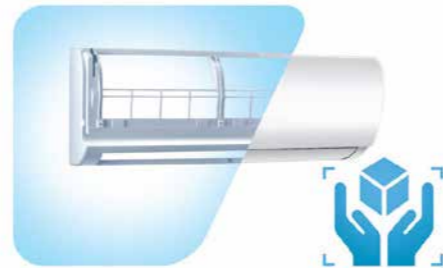
Wide Voltage Range of Operation

The air conditioner runs smoothly in a wide range of voltage from 170V to 265V.



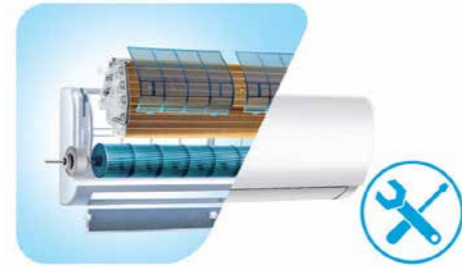
New Design

The brand new design integrating the middle frame with the base reduces the quantity of outer seams and enhances resilience in transportation.



Easy Maintenance

Improved production, installation and maintenance efficiency by integrating and optimizing components.



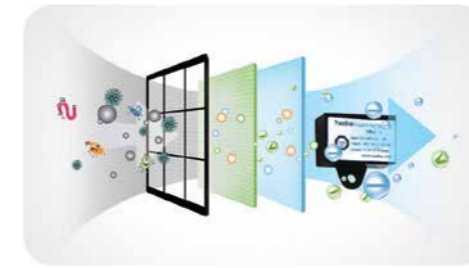
MAKE THE AIR CLEANER

More Healthy



Advanced healthcare system

lysozyme filter screen, cold catalyst filterscreen, automatic cleaning, antibacterial wind wheel and negativeion generator make air cleaner.



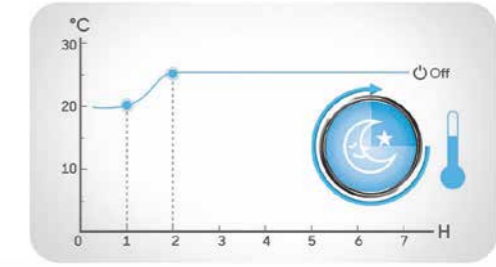
High Density Filter

Compared with ordinary dust filter, high density filter can effective to remove dust and pollution.



Sleep Mode

The AC will automatically increase (cooling) or decrease (heating) 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off.



Split Air Conditioner

Model: Frozen 155



Fast Cooling

The AC is operate in high-frequency when turning on which allow it could reach the setting temperature quickly and achieve fast cooling at 30 seconds.



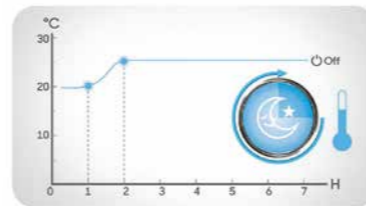
Two-way Draining Connection

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose, which enables easy installation.

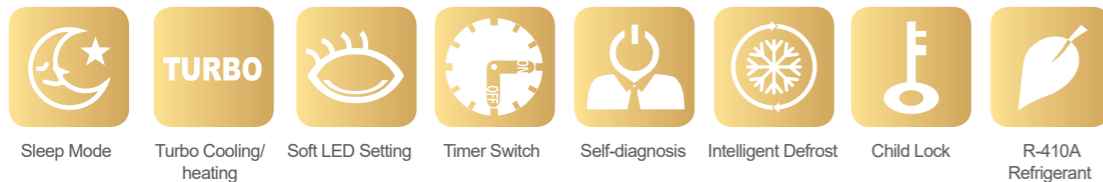


Sleep Mode

The AC will automatically increase (cooling) or decrease (heating) 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off.



Standard



Optional



Split Air Conditioner



Technical Specifications

Model		LACS18R4	LACS24R4	LACS30R4	LACS36R4	
Nom Cooling Cap.(T1)	BTU/HR	18000	24000	30000	36000	
Cooling Capacity(T3)	BTU	15200	17600	21000	25000	
Electrical Specifications	Amps	9.70	10.60	13.40	16.10	
	Power Input (W)	2120	2440	2940	3520	
	Power Factor	0.98	0.96	0.95	0.95	
EER (BTU/Hr)/W : T3		7.9	7.2	7.56	7.47	
ESMA Star Rating		3	2	2	2	
Control Type		Wireless Remote Controller				
Indoor Air Circulation	m3/h	800	950	1050	1500	
Noise Level (Hi/Med/Low)	dBA	37/41/44	38/42/46	42/45/48	48/51/53	
Air Filter		Permanent Washable				
Compressor	TYPE	Rotary	Rotary	Rotary	Rotary	
	Brand	GMCC	GMCC	GMCC	Highly	
	Capacity(W)	5175/5200	6420	7090/7145	8480	
	Power input(W)	1770/1825	1995	2365/2505	3065	
	LRA(A)	52	57	69	67	
	RLA(A)	8.10/7.95	8.90	11.45/12.15	14.3	
	Thermal protector	Internal	Internal	Internal	Internal	
Indoor Unit	Dimensions (mm)	Height	215	216	220	245
		Width	900	1000	1080	1300
		Depth	292	300	302	332
	Net Weight	KG	13.0	14.5	16.0	22.0
	Fan Motor	Type	AC Asynchronous Motor			
		Power Input (W)	47	47	63	100
		Amps	0.20	0.20	0.26	0.42
	Fan	Quantity	1	1	1	1
	Indoor Coil Row/Tubes	Type	Hydrophillic Aluminum Fins			
		Row/Tubes	2/17	2/17	2/20	2/20
Outdoor Unit	Dimensions (mm)	Height	605	605	700	790
		Width	850	850	870	970
		Depth	295	295	310	370
	Net Weight	KG	40	45	53	69
	Compressor	Type	Rotary			
		V/PH/Hz	220-240V/1/50			
	Fan Motor	Type	AC Asynchronous Motor			
		Power Input (W)	110	110	145	185
	Fan Blade	Material	AC Asynchronous motor			
	No. of Rows/Tues	Type	Pre-coated Aluminum Fins			
Row/Tubes		2/26	2/26	2/30	2/34	
Pipe Size	Suction Line	Inch	1/2	5/8	5/8	
	Liquid Line	Inch	1/4	3/8	3/8	
Refrigerant		R 410A				
Feature	Vertical Auto Swing Louver	Yes	Yes	Yes	Yes	
	3 Speed and Auto Indoor Fan Control	Yes	Yes	Yes	Yes	
	Vertical Auto Swing Louver	Yes	Yes	Yes	Yes	
	Horizontal Auto Swing Louver	Yes	Yes	Yes	Yes	
	Sleep Operation	Yes	Yes	Yes	Yes	
	Compressor Indicator	Yes	Yes	Yes	Yes	
Auto Restart	Yes	Yes	Yes	Yes		

Split Air Conditioner

Remote Control



1 OPERATION MODE

Choose operation mode: Auto, Cool, Dry, Heat and Fan.

2 FAN SPEED

Choose fan speed: Low, Medium and High.

3 SWING

Set vertical swing angle.

4 AIR FLOW (OPTIONAL)

Set horizontal swing angle.

5 "LAMP" and "CLEAN"

LAMP: Turn on/off LED displayer; CLEAN: Start self-cleaning.

6 SLEEP

Press it to make air conditioner run according to the preset sleep temperature curve.

7 ON/OFF

Turn on/off air conditioner

8 TEMP SETTING

Choose set temperature

9 TURBO

Start rapid cooling or heating.

10 TIMER

Turn on/off timer or set the on/off timing of the air conditioner.

11 HOLD

Lock/unlock the keyboard.

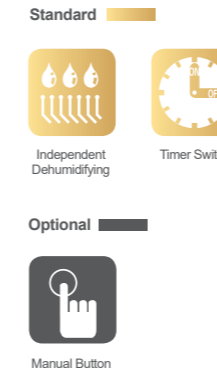
Window Air Conditioner



Models: Aegean 09/ Horizon 07



Horizon 07



360° 3-Dimensional Air Delivery

360° air swing design allows air to reach every corner of a room within a wide angle.



Washable Filter

Patented disassembling technology offers easier detachment, so filter mesh may be cleaned at will.



Technical Specification

Model		LACW18R4	LACW24R4
Nominal Cooling Capacity (Tons)		1.5Ton	2.0Ton
Cooling Capacity (BTU/Hr)		T1: 17060 / T3:14500	T1: 20800 / T3:16800
Power Supply (V-Ph-Hz)		220/240-1-50	
Power Consumption (W)		2300	2660
Amps (A)		8.5	10.5
Power Factor		0.95	0.96
EER (BTU/Hr)/W : T3		6.81	7.12
ESMA Star Rating		2	2
Compressor	Type	Rotary Type	Rotary Type
	Brand	Highly	Highly
	Capacity (W)	5160	5990
	Power input (W)	1730	2010
	LRA(A)	42	50
	RLA(A)	8	9.2
Thermal protector		Internal	Internal
Fan motor(Power input)		137	265
Air Circulation(m3/h)		700	730
Noise Level (at low speed) dB (A)		54-58	54-58
Fan Speed(Steps)		3	3
Indoor Fan Speed RPM(L/M/H)		800/850/900	960/1040/1100
Air Sweep		Auto Swing	Auto Swing
Refrigerant (Freon)		R410a	R410a
Dimensions (mm)W×H×D		660×435×690	660×435×690
Net Weight (Kg)		53	53