

## What is EcoCool?

EcoCool is Acson's commitment to a more sustainable future. Products that are labeled with EcoCool utilized technology benefit not only us but the ecosystem as well. At Acson Malaysia we care not only ourselves but share it with all. We provide total cooling solution yet preserving our ecosystem.

### 01 4-D COOLING COMFORT

Four different directions of air discharge distribute and circulate the cool air to evenly to ensure an optimum level of comfort.



### 02 IONIZER TECHNOLOGY

It generates massive amount of negative ion causing dust, pollen and pet dander to clump together. Enabling it to be trapped by our filter. Giving you a healthy and fresh environment.



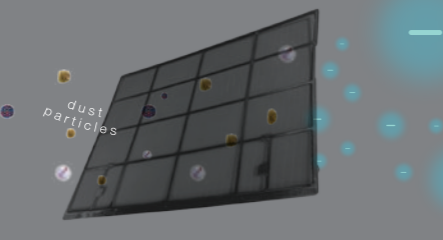
### 03 SLIM & ELEGANT PURISTIC DESIGN

Maintaining your classy and elegant interior design with our stylish and slim panel which blend in seamlessly. Leveraging the uniformity of panel size, unit positioning in any room is enhanced and installation of various capacity models are made possible.



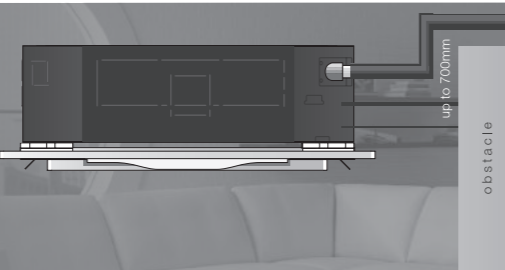
### 04 DURABLE & ACCESSIBLE SARANET FILTER

The anti fungus air filter can trap dust particles in the air, this provides a fresh and healthy environment. Our filter can be cleaned by simply washing it with water, allowing it to be used repeatedly without regular change.



### 05 ABSOLUTE PERFECTION FITTING

With a low height profile, now it is able to fit in a tight ceiling of 400mm or more.



### 06 POWER FAILURE MEMORY SYSTEM

Automatically keeps last setting condition in the event of a sudden power failure with intelligent self diagnosis system, errors will be detected and error messages are displayed on the appliance display.



\* All products shown are for illustration purpose only.  
All information herein are verified correct at the time of print but are subjected to change without prior notice.

**ACSON**  
International

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# CEILING CASSETTE series

Zephyr



CAT-A5CK-1601

**ACSON**  
International  
Air Conditioners



Model :  
A5CK 20F - 50F  
Cooling Capacity :  
18,500 BTU/h - 46,000 BTU/h  
Power Input :  
1.76kW - 4.92kW



Acson Ceiling Cassette Series provides total cooling comfort in a simple and elegant way yet preserving our ecosystem. Four different directions of air discharge provide you a 360 degree comfort cooling environment. Combining the powerful distribution and slim elegant panel; peace, comfort and style are unified together to ensure a state of serenity.

Common Installation Places



➤ Rented room and house    ➤ Office    ➤ Restaurant    ➤ Shop and café

R410A The Refrigerant of Tomorrow

Not like the ordinary HCFC refrigerant which contribute to ozone depletion, R410A is an near azeotropic mixture of 50% R32 and 50% R125 which has a zero ODP (Ozone Depletion Potential). It is a HFC refrigerant with no chlorine which contribute to ozone depletion. Eco friendly and high heat transfer efficient, it is saving the earth and cost at the same time.

- Earth without OZONE is like a house without a roof



Recharge & Rejuvenate

The negative ionizer in the unit generates massive amount of negative ions causing dust, pollen and pet dander to clump together and drop out of the air, giving you a healthy and fresh environment.



Outdoor Units

R410A



A5LC 20C/25C/30C



A5LC 35D/40D/50D

\* Gold fin is available upon request

Optional Add Ons

Intelligent Control Series

Compatible with advance Ez-series control system for sequential and zone control ; wired control is available upon request.



Fresh Air Intake

The Ceiling Cassette Series is designed in a such a way that fresh air intake is possible. Simple installation with a booster fan to get you a fresher and healthier environment.



Wireless Controller

The ergonomically designed wireless control enables the unit to be under your control all time. The advance yet simple design with large buttons is easily accessible with big LCD display.

1 Illuminate POWER Button

The Power Button turns the unit ON or OFF. It illuminates when you need it in the dark.

2 SWING Button

Swing at your command or fix the louver at your preferred position.

3 TURBO Button

Rapidly cools down your room within 20 minutes.

4 MODE Button

Different Mode for different ambient - Cool, Dry, and Fan.

5 QUIET Button

The unique quiet mode further increase the acoustic comfort level for serenity and tranquility.



6 SLEEP Button

The sleep mode gradually increases the room temperature to ensure comfortable and mellow sleeping environment.

7 FAN Button

Control your air flow to Low, Medium, High or Auto to let your unit do the thinking.

8 TEMPERATURE Button

Set the temperature according to your preferences.

9 TIMER Button

Turn On or Off the unit with its built in timer which repeats itself every 24 hours.

10 CLOCK Button

Set the real time clock.



SPECIFICATIONS

Model	Indoor		A5CK 20F	A5CK 25F	A5CK 30F	A5CK 35F	A5CK 40F	A5CK 50F	
	Outdoor		A5LC 20C	A5LC 25C	A5LC 30C	A5LC 35D	A5LC 40D	A5LC 50D	
Nominal Cooling Capacity	BTU/h		18,500	23,000	30,000	36,000	42,000	46,000	
	W		5,420	6,740	8,790	10,550	12,310	13,500	
Nominal Total Input Power	W		1,760	2,050	2,930	3,770	4,110	4,918	
	A		7.75	9.09	13.6	16.7	6.57	8.53	
Nominal Running Current	BTU/h/W		10.51	11.22	10.24	9.55	10.22	9.35	
	W/W		3.08	3.29	3.00	2.80	3.00	2.75	
Power Source	V/Ph/Hz		220 - 240 / 1 / 50			380 - 415 / 3 / 50			
Refrigerant Type	R410A								
Indoor Unit	Control	Operation		4 WAYS AIR DISCHARGE					
		Air Discharge		WIRELESS OR WIRED					
	Air Flow	High	I/s (CFM)	345 (730)	396 (840)	420 (890)	486 (1,030)	529 (1,120)	529 (1,120)
		Medium	I/s (CFM)	293 (620)	330 (700)	359 (760)	411 (870)	486 (1,030)	486 (1,030)
		Low	I/s (CFM)	241 (410)	264 (560)	293 (620)	345 (730)	420 (890)	420 (890)
		Super Low	I/s (CFM)	170 (360)	208 (440)	231 (490)	274 (580)	359 (760)	359 (760)
	Sound Pressure Level	dBA	38 / 35 / 33 / 29	39 / 37 / 34 / 31	41 / 38 / 35 / 32	46 / 41 / 37 / 34	48 / 45 / 41 / 37	48 / 45 / 41 / 37	
	Unit Dimension	Height	mm (in)	246 (9.69)			288 (11.34)		
		Width	mm (in)	840 (33.07)					
		Depth	mm (in)	840 (33.07)					
Packing Dimension	Height	mm (in)	324 (12.76)			370 (14.57)			
	Width	mm (in)	916 (36.06)						
	Depth	mm (in)	916 (36.06)						
Unit Weight	kg (lb)	22 (49)			25 (55)		29 (64)		
Air Flow	I/s (CFM)	598 (1,268)	755 (1,600)	808 (1,712)	1,416 (3,000)	1,487 (3,150)	1,605 (3,400)		
Sound Pressure Level	dBA	52	52	58	58	60	63		
Unit Dimension	Height	mm (in)	651 (25.63)		753 (29.65)	852 (33.54)			
	Width	mm (in)	855 (33.66)						
	Depth	mm (in)	328 (12.91)		400 (15.75)				
Packing Dimension	Height	mm (in)	693 (27.28)	793 (31.22)		1,010 (39.76)			
	Width	mm (in)	990 (38.98)			1,180 (46.46)			
	Depth	mm (in)	415 (16.34)			514 (20.24)			
Unit Weight	kg (lb)	43 (94.80)	47 (103.62)	57 (125.66)	71 (156.53)	95 (209.44)	98 (216.05)		
Pipe Connection	Type	FLARE VALVE							
		Size	Gas	mm (in)	12.7 (1/2)				
	Liquid	mm (in)	6.35 (1/4)		9.52 (3/8)				
Refrigerant Charge		1 (2.20)	1.7 (3.75)	2 (4.41)	1.9 (4.19)	2.7 (5.95)	3.05 (6.72)		

1. All specifications are subject to change by the manufacturer without prior notice.  
2. Nominal Cooling Capacity is based in the conditions: Cooling 27°C DB / 19°C WB indoor and 35°C DB / 24°C WB outdoor  
3. Sound Pressure Level is according to JIS B 8615 standard. Position of the measurement point is 1m in front and 1m below the unit.  
4. Units are tested & complied to international standards such as ISO 5151 and AHRI 210/240.

