

CEILING MOUNTED

series

Iconic



Model :
A5CM 15C - 62C
Cooling Capacity :
12,500 BTU/h - 55,000 BTU/h
Power Input :
1.27kW - 6.41kW



ECOcool
Eco Friendly Product Series
R410A

Acson Ceiling Mounted Series provides magnificent cooling comfort with a wide air throw range and cost savvy in mind. Desired comfort room temperature is achieved rapidly through excellent air distribution.

Let your senses embrace Acson's fascinating cooling experience.

Inverter

Common Installation Places



➤ Restaurant



➤ Lobby



➤ School hall



➤ Server room

Model :
A5CMY 15E - 62CR
Cooling Capacity :
12,500 BTU/h - 44,300 BTU/h
Power Input :
0.91kW - 4.89kW



Optional :
Easi-Flo

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 EXCELLENT COOLING COMFORT

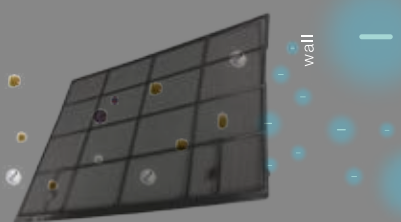
Wide and far air throw range ensuring that every corner is cooled by distributing excellent air distribution. You can have your room cool in no time.

02 EASY INSTALLATION

The Ceiling Mounted Series is easily installed with economical and space saving installation. The unit installation can be rapidly done with just a few screws without the need of wall or ceiling hacking.

03 DURABLE & ACCESSIBLE SARANET FILTER

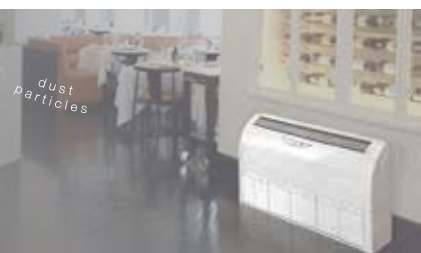
The anti fungus air filter can trap dust particles in the air, this provides a fresh and healthy environment. Our filter can be cleaned by simply washing it with water, allowing it to be used repeatedly without regular change.



04 CEILING & FLOOR INSTALLATION OPTION

Uniquely designed with the option to install either below the ceiling or mounted at low wall position without any modification needed.

* Applicable for A5CMY E Inverter Series only



05 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.

▼ 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



ECOcool
Eco Friendly Product Series

R410A

▼ Outdoor Units

R410A



A5LC 15F



A5LC 20C/25C/30C



A5LC 35D/40D/50D/61D

* 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.

EZ-SOL

EZ-LI

EZ-LINZ®



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

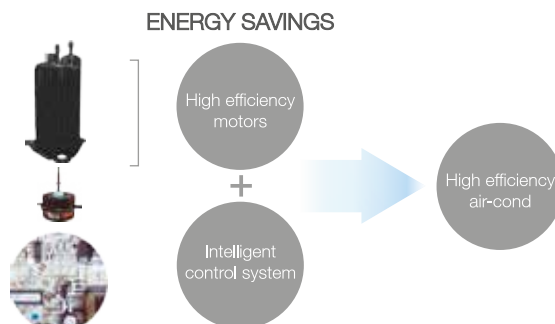
Set the real time clock.



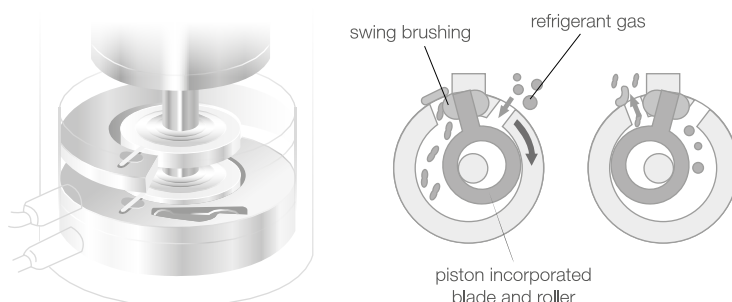
INVERTER Series

Power of Inverter

Unlike ordinary conventional air conditioners, Acson Inverter controls the compressor's speed accordingly to adjust the cooling capacity to match your requirement. It is done possible by utilising intelligent control coupled with high efficiency multi speed compressor.



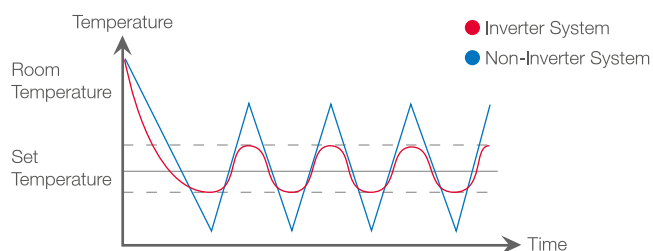
Acson R410A Inverter utilizes hermetic swing compressor. Its precise structure and mechanical movement help to reduce friction and vibration compared to conventional rotary compressor. This reduces refrigerant leakage and ensures maximum capacity is achieved.



Comfort Zone

Set temperature is pulled down faster and compressor speed is controlled at variable speed to maintain a more precise and constant temperature for a higher level of comfort.

PRECISE & STABLE TEMPERATURE CONTROL



Inverter system control room temperature fluctuation within $\pm 0.5^{\circ}\text{C}$

Inverter

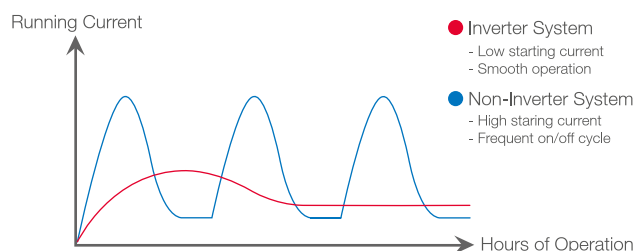
- Compressor speed changes
- Compressor slows down when reached set temperature

Inverter

- Compressor single speed
- Temperature falls / rises significantly

Energy Saving

When the surrounding reaches the desired temperature, Acson R410A Inverter varies the compressor speed and maintain the temperature without cutting on and off the compressor. Soft start feature ensure a smooth ramp up profile without withdrawing high current.



Inverter

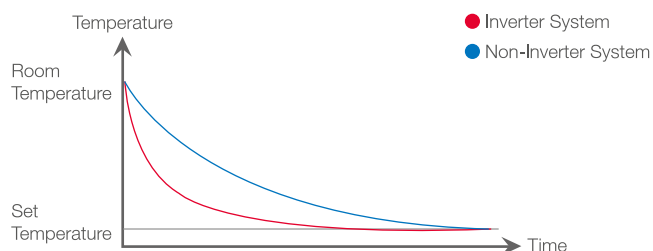
- Gradual increase of compressor rotation

Inverter

- High starting torque to start compressor from stationary position

Real Power Cooling

Powerful operation with shorter cooling time.



Inverter

- Compressor speed changes
- Compressor slows down when reached set temperature

Inverter

- Compressor single speed
- Temperature falls / rises significantly

Model			Indoor	A5CM 15C	A5CM 20C	A5CM 25C	A5CM 30C	A5CM 35C	A5CM 40C	A5CM 50C	A5CM 62C		
			Outdoor	A5LC 15F	A5LC 20C	A5LC 25C	A5LC 30C	A5LC 35D	A5LC 40D	A5LC 50D	A5LC 61D		
Nominal Cooling Capacity			BTU/h	12,500	18,000	21,000	29,000	35,000	41,000	44,500	55,000		
			W	3,660	5,270	6,150	8,490	10,250	12,010	13,040	16,119		
Nominal Total Input Power			W	1,270	1,760	2,020	2,950	3,800	4,100	4,900	6,414		
Nominal Running Current			A	5.69	7.80	9.00	13.7	16.9	6.58	8.52	12.24		
EER			BTU/h/W	9.84	10.23	10.40	9.83	9.21	10.00	9.08	8.57		
			W/W	2.88	3.00	3.05	2.88	2.70	2.93	2.66	2.51		
Power Source			V/Ph/Hz	220 - 240 / ~ / 50					380 - 415 / 3N~ / 50				
Refrigerant Type			R410A										
Indoor Unit	Control	Operation		WIRELESS REMOTE CONTROL									
		Air Discharge		MANUAL (UP & DOWN)									
	Air Flow	High	I/s (CFM)	260 (550)	287 (608)		374 (792)	480 (1,015)	552 (1,107)	589 (1,247)	732 (1,550)		
		Medium	I/s (CFM)	228 (484)	276 (586)		334 (707)	439 (930)	471 (999)	560 (1,186)	623 (1,320)		
		Low	I/s (CFM)	180 (382)	220 (466)		289 (613)	353 (749)	354 (751)	525 (1,113)	472 (1,000)		
	Sound Pressure Level		dBA	43 / 38 / 34	46 / 43 / 39		46 / 44 / 40	48 / 44 / 41	49 / 45 / 43	54 / 52 / 50	56 / 53 / 46		
	Unit Dimension	Height	mm (in)	235 (9.25)							285 (11.2)		
		Width	mm (in)	1,203 (47.36)			1,553 (61.14)	1,903 (74.92)					
		Depth	mm (in)	680 (26.77)									
	Packing Dimension	Height	mm (in)	293 (11.54)				301 (11.85)			368 (14.5)		
		Width	mm (in)	1,278 (50.31)			1,628 (64.09)	1,986 (78.19)			1,984 (78.1)		
		Depth	mm (in)	749 (29.49)				757 (29.80)			760 (29.9)		
	Unit Weight		kg (lb)	30 (66)	31 (68)		41 (90)	51 (112)	52 (114)	55 (121)	85 (187)		
	Condensate Drain Size		mm (in)	19.1 (3/4)									
Outdoor Unit			Air Flow	I/s (CFM)	390 (827)	675 (1,430)	755 (1,600)	808 (1,712)	1,416 (3,000)	1,487 (3,150)	1,605 (3,400)	2,171 (4,600)	
			Sound Pressure Level	dBA	48	52	52	56	58	60	63	65	
			Unit Dimension	Height	mm (in)	550 (21.65)	651 (25.63)		753 (29.65)	852 (33.54)			
				Width	mm (in)	658 (25.91)	855 (33.66)			1,030 (40.55)			
				Depth	mm (in)	273 (10.75)	328 (12.91)			400 (15.75)			
			Packing Dimension	Height	mm (in)	580 (22.83)	693 (27.28)		793 (31.22)	1,010 (39.76)			1,030 (40.66)
				Width	mm (in)	775 (30.51)	990 (38.98)			1,180 (46.46)			
				Depth	mm (in)	355 (13.98)	415 (16.34)			514 (20.24)			
Unit Weight		kg (lb)	29 (63)	43 (94)	47 (103)	57 (125)	71 (156)	95 (209)	98 (216)	105 (232)			
			Pipe Connection	Type	FLARE VALVE								
				Size	Gas	mm (in)	12.7 (1/2)				15.88 (5/8)		19.1 (3/4)
			Liquid	mm (in)	6.35 (1/4)			9.52 (3/8)					

1. All specifications are subjected 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.



A5CMY E & C Inverter Series



▼ SPECIFICATIONS

Model			Indoor	A5CMY 15E	A5CMY 20E	A5CMY 25E	A5CMY 28ER	A5CMY 40ER	A5CMY 50ER	A5CMY 62CR
			Outdoor	A5LCY 15D	A5LCY 20C	A5LCY 25C	A5LCY 28CR	A5LCY 40FR	A5LCY 50FR	A5LCY 60FR
Nominal Cooling Capacity			BTU/h	12,500 (5,400 - 14,000)	18,500 (5,500 - 21,000)	21,500 (5,500 - 23,000)	23,200 (5,801 - 25,591)	34,100 (31,392 - 48,794)	42,600 (24,567 - 46,746)	44,300 (33,780 - 45,040)
			W	3,660 (1,580 - 4,100)	5,420 (1,610 - 6,150)	6,300 (1,610 - 6,740)	6,800 (1,700 - 7,500)	10,000 (9,200 - 14,300)	12,500 (7,200 - 13,700)	13,000 (9,900 - 13,200)
Nominal Total Input Power			W	910	1,660	1,990	2,420	3,100	4,150	4,890
Nominal Running Current			A	4.32	7.41	8.86	10.6	4.86	6.47	7.54
EER			BTU/h/W	13.74	11.14	10.80	9.59	11.0	10.27	9.06
			W/W	4.02	3.27	3.17	2.81	3.23	3.01	2.66
Power Source			V/Ph/Hz	220 - 240 / 1 / 50				380 - 415 / 3 / 50		
Refrigerant Type			R410A							
Indoor Unit	Control	Operation		WIRELESS OR WIRED						
		Air Discharge		AUTOMATIC LOUVER (UP & DOWN) & MANUAL LOUVER (BOTTOM)						
	Air Flow	High	I/s (CFM)	240 (508)	245 (520)	274 (580)	293 (620)	520 (1,100)	570 (1,215)	732 (1,550)
		Medium	I/s (CFM)	182 (386)	217 (460)	250 (530)	269 (570)	464 (983)	511 (1,082)	651 (1,320)
		Low	I/s (CFM)	165 (350)	192 (406)	231 (490)	245 (520)	414 (877)	453 (959)	472 (1,000)
	Sound Pressure Level		dBA	46 / 39 / 35	50 / 43 / 41	53 / 51 / 49	56 / 51 / 44	52 / 47 / 46	52 / 50 / 49	56 / 53 / 46
	Unit Dimension	Height	mm (in)	212 (8.35)			218 (8.58)	260 (10.24)		285 (11.2)
		Width	mm (in)	1,090 (42.91)			1,080 (42.52)	1,538 (60.55)	1,786 (70.31)	1,930 (75.98)
		Depth	mm (in)	630 (24.80)				634 (24.96)		608 (23.94)
	Packing Dimension	Height	mm (in)	297 (11.69)				330 (12.99)		351 (13.82)
		Width	mm (in)	1,197 (47.13)				1,645 (64.76)	1,892 (74.49)	2,016 (79.37)
		Depth	mm (in)	740 (29.13)				724 (28.50)		788 (31.02)
	Unit Weight		kg (lb)	25 (55.10)	26 (57.32)	27 (59.52)		45 (99.21)	65 (143.30)	70 (154.32)
	Condensate Drain Size		mm (in)	19.1 (3/4)						
Outdoor Unit	Air Flow		I/s (CFM)	521 (1,000)	869 (1,842)		1,786 (3,034)	1,553 (3,290)	1,534 (3,250)	1,534 (3,250)
	Sound Pressure Level		dBA	48	51		50		51	
	Unit Dimension	Height	mm (in)	550 (21.65)	753 (29.65)			1,374 (54.09)		
		Width	mm (in)	765 (30.12)	855 (33.66)			940 (37.01)		
		Depth	mm (in)	285 (11.22)	328 (12.91)			392 (15.43)		
	Packing Dimension	Height	mm (in)	610 (24.02)	793 (31.22)			1,529 (60.20)		
		Width	mm (in)	895 (35.24)	990 (38.98)			1,030 (40.55)		
		Depth	mm (in)	360 (14.17)	415 (16.34)			421 (16.57)		
	Unit Weight		kg (lb)	33 (72.75)	49 (108.03)		51 (112.44)		100 (220.46)	
	Pipe Connection	Type	FLARE VALVE							
		Size	Gas	mm (in)	12.7 (1/2)			15.88 (5/8)		
		Liquid	mm (in)	6.35 (1/4)			9.52 (3/8)			

1. All specifications are subjected 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 C 9612 standard. Position of the measurement point is 1m in front and 0.8m below the unit.
(applicable for A5CMY 15/20/25/28/40/50ER)
Sound Pressure Level is according to JIS B 8615 standard. Position of the measurement point is 1m in front and 1m below the unit.
(applicable for A5CMY 62CR)
4. Units are tested & complied to international standards such as ISO 5151.





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