

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?

Acson EcoCool Series offers eco-friendly products which lead to a more sustainable future. Products labelled with EcoCool not only benefits us but the environment as well. At Acson Malaysia, we not only care about ourselves but also share it with all.



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 model A5CMY40E and A5CMY50E 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

Unlike the other hydrofluorocarbon (HCFC) refrigerants, R410A is a near-azeotropic mixture of 50% R32 and 50% R125 which has zero Ozone Depletion Potential (ODP). In other words, R410A does not contribute to ozone depletion, thus help to preserve global climate changes.



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♥ Outdoor Units

R410A



A5LC 15F



A5LC 20C/25C/30C



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

* Gold fin is available upon request

♥ Optional Add Ons

Acson Easi-Flo Series

With Easi-Flo Series, a small drainage tube is channeled to drain the condensate water of the air conditioner. No more wall hacking, no more noise and dust.



Easi-Flo II
Drainage Pump



Easi-Flo 22
Drainage Pump



Easi-Flo 33
Drainage Pump



Easi-Flo 55
Drainage Pump

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

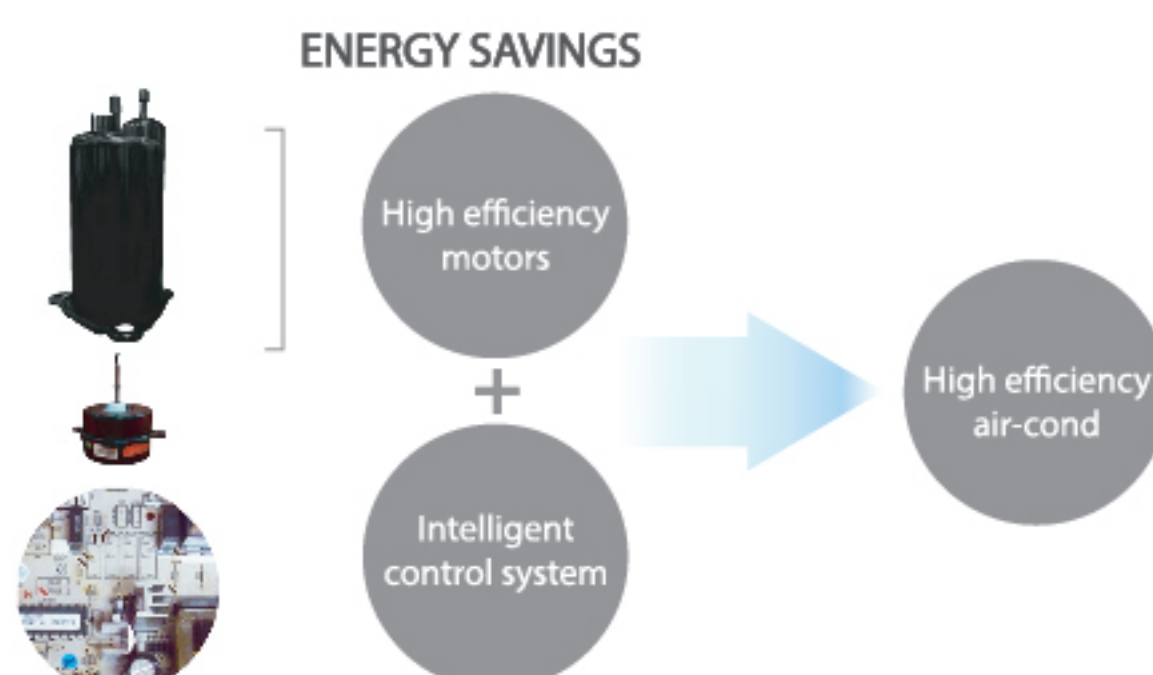
Set the real time clock.



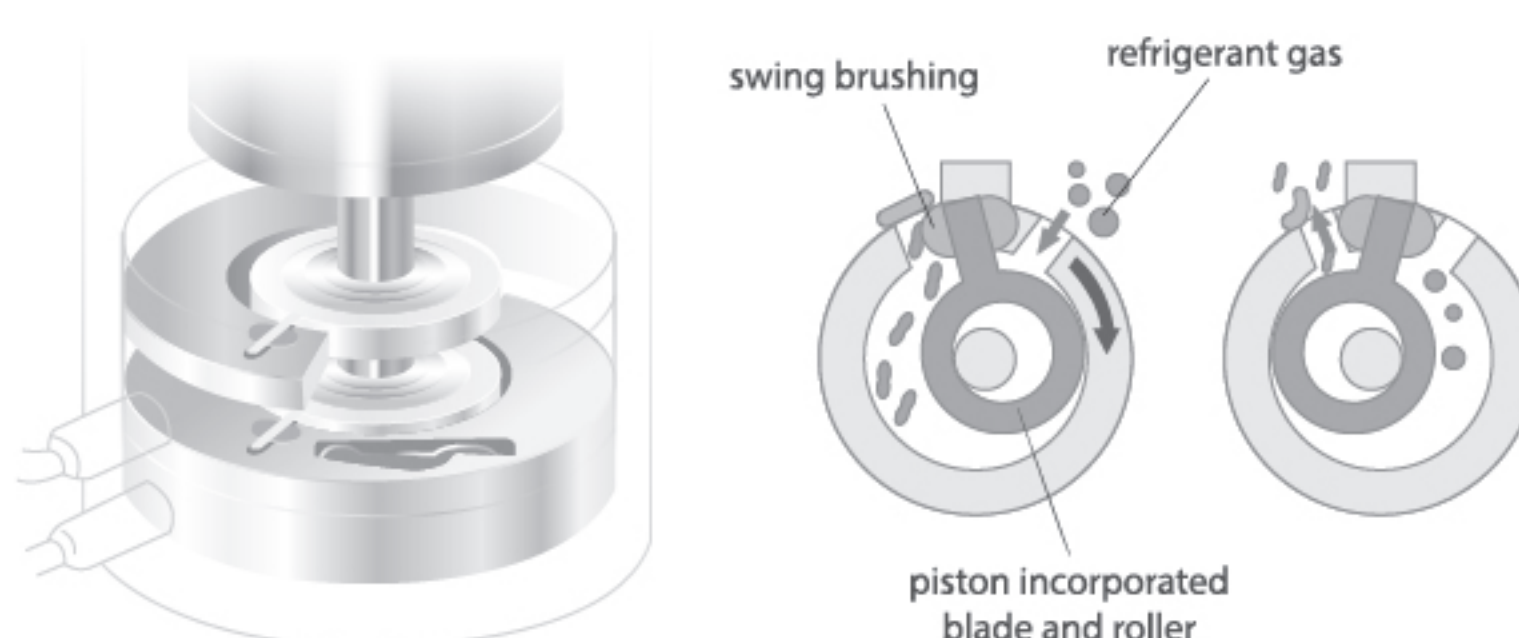
INVERTER Series

Power of Inverter

Unlike the 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.

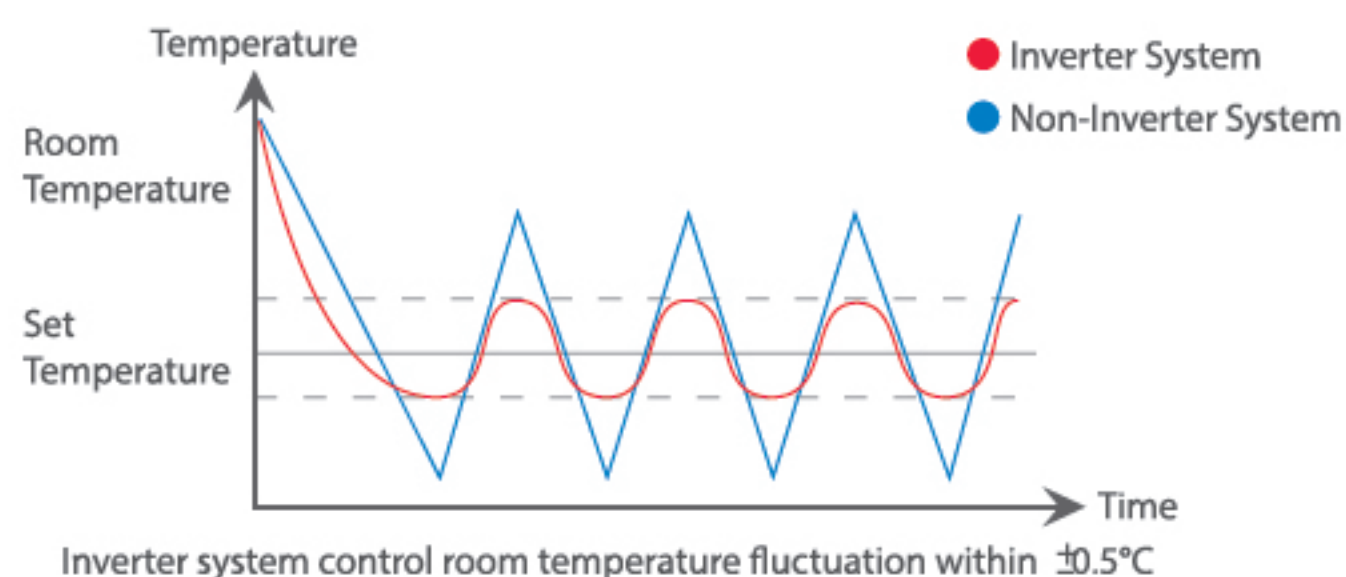


Acson R410A Inverter utilizes hermetic swing compressor. Its precise structure and mechanical movement help to reduce friction and vibration compared to conventional rotary compressor. This reduces refrigerant leakage and ensures maximum capacity is achieved.



Precise Temperature Control

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.



Inverter

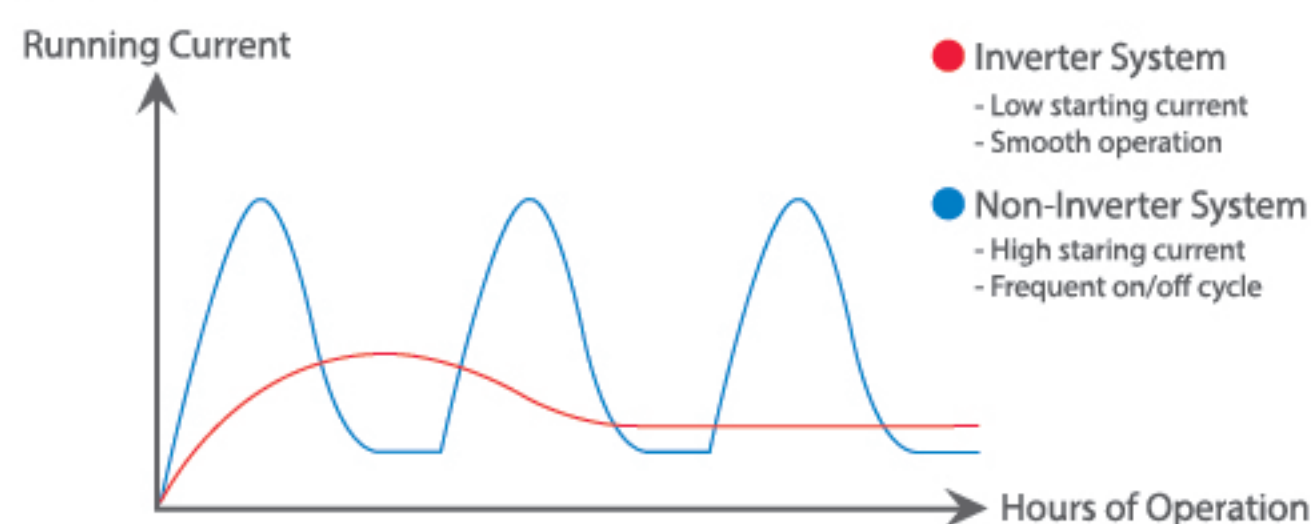
- Compressor speed changes
- Compressor slows down when reached set temperature

Non-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

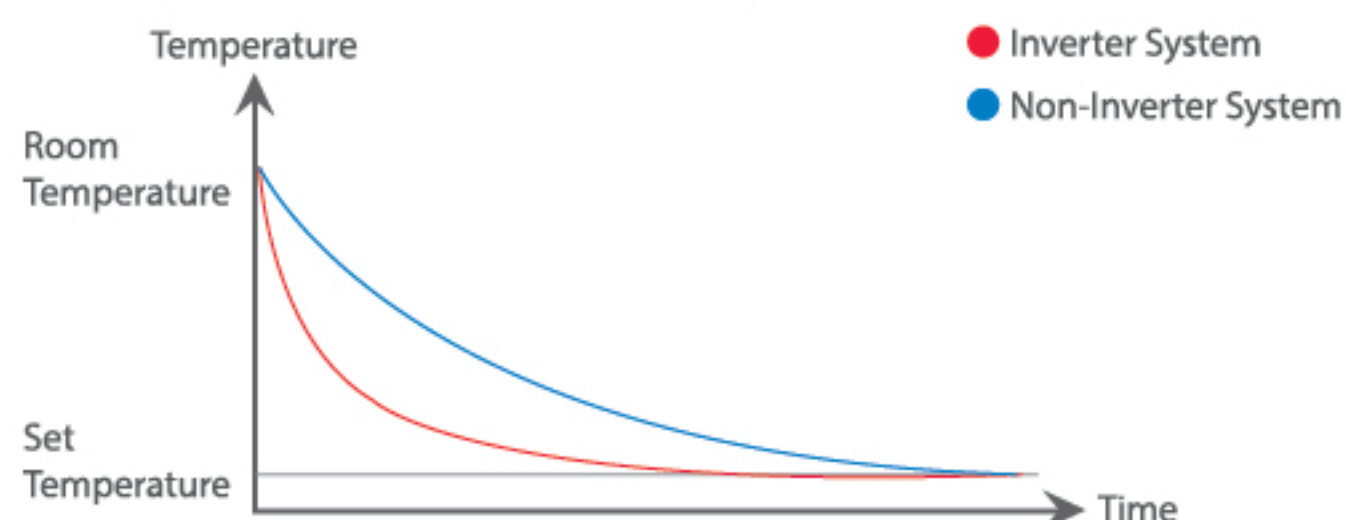
- Gradual increase of compressor rotation

Non-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

Non-Inverter

- Compressor single speed
- Temperature falls / rises significantly

A5CM C Series



SPECIFICATIONS

Model			Indoor	A5CM 15C	A5CM 20C	A5CM 25C	A5CM 30C	A5CM 30C	A5CM 35C	A5CM 40C	A5CM 50C	A5CM 62C		
			Outdoor	A5LC 15F	A5LC 20C	A5LC 25C	A5LC 28C	A5LC 30C	A5LC 35D	A5LC 40D	A5LC 50D	A5LC 61D		
Nominal Cooling Capacity			BTU/h	12,500	18,000	21,000	27,000	29,000	35,000	42,000	44,500	55,000		
			W	3,660	5,270	6,150	7,913	8,490	10,250	12,010	13,040	16,110		
Nominal Total Input Power			W	1,270	1,760	2,020	2,754	2,950	3,800	4,100	4,900	6,414		
Nominal Running Current			A	5.69	7.80	9.00	12.60	13.7	16.9	6.58	8.52	9.60		
EER			BTU/h/W	9.84	10.23	10.40	9.80	9.83	9.21	10.00	9.08	8.57		
			W/W	2.88	3.00	3.05	2.87	2.88	2.70	2.93	2.66	2.51		
Power Source			V/Ph/Hz	220 - 240 / 1 / 50						380 - 415 / 3 / 50				
Refrigerant Type				R410A										
Indoor Unit	Control	Operation		WIRELESS REMOTE CONTROL										
		Air Discharge		MANUAL (HORIZONTAL & VERTICAL)										
	Air Flow	High	I/s (CFM)	260 (550)	287 (608)		374 (792)		479 (1,015)	522 (1,107)	589 (1,247)	732 (1,550)		
		Medium	I/s (CFM)	228 (484)	277 (586)		334 (707)		439 (930)	471 (999)	560 (1,187)	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 (11.22)	
		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)				373 (14.69)	
		Width	mm (in)	1,278 (50.31)				1,628 (64.09)		1,986 (78.19)				2,011 (79.17)
		Depth	mm (in)	749 (29.49)					757 (29.80)				793 (31.22)	
	Unit Weight		kg (lb)	30 (66)	31 (68)		41 (90)		51 (112)	52 (114)	55 (121)	70 (154)		
	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)	1,793 (3,800)		
	Sound Pressure Level		dBA	48	52	52	54	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)			1,010 (39.76)	
		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 28E	A5CMY 40E	A5CMY 50E	A5CMY 62C	
			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 (23,451 - 48,794)	43,000 (24,567 - 50,235)	47,800 (33,780 - 54,293)	
			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 (6,873 - 14,300)	12,600 (7,200 - 14,723)	14,010 (9,900 - 15,912)	
Nominal Total Input Power			W	910	1,660	1,990	2,420	3,280	3,600	4,880	
Nominal Running Current			A	4.32	7.41	8.86	10.6	14.9	16.3	22.1	
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	3.05	3.50	2.87	
Power Source			V/Ph/Hz	220 - 240 / 1 / 50				220 - 240 / 1 / 50 *			
Refrigerant Type			R410A								
Indoor Unit	Control	Operation		WIRELESS OR WIRED							
		Air Discharge		AUTOMATIC LOUVER (UP & DOWN) & MANUAL LOUVER (BOTTOM)							
	Air Flow	High	l/s (CFM)	240 (508)	245 (520)	274 (580)	293 (620)	520 (1,100)	570 (1,215)	732 (1,550)	
		Medium	l/s (CFM)	182 (386)	217 (460)	250 (530)	269 (570)	464 (983)	511 (1,082)	651 (1,320)	
		Low	l/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 (11.22)	
		Width	mm (in)	1,090 (42.91)			1,080 (42.52)	1,538 (60.55)	1,786 (70.31)	1,903 (74.92)	
		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		l/s (CFM)	521 (1,000)	869 (1,842)		843 (1,786)	1,576 (3,340)	1,685 (3,570)	1,638 (3,470)	
	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)	900 (35.43)		
		Depth	mm (in)	285 (11.22)	328 (12.91)			392 (15.43)	320 (12.60)		
	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.
5. * Three phase option is available upon request.



ACSON MALAYSIA SALES & SERVICE SDN.BHD. (129688-D)
*a member of **DAIKIN** group*

Lot 4, Lorong 19/1A, Seksyen 19, 46300 Petaling Jaya,
Selangor Darul Ehsan, MALAYSIA.

Tel : +603 7964 8200 Sales Fax : +603 7956 9909

Service Fax : +603 7956 9907 Acson Careline : 1300 22 3344

Penang : +604-5377 176	Pahang : +609-5178 696
Perak : +605-3129 828	Kelantan : +609-7405 233
Melaka : +606-2926 196	Sarawak : +6082-344 128
Johor : +607-3551 599	Sabah : +6088-420 205

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