

WALL MOUNTED  
*S-series*



**ECOcool**  
Eco Friendly Product Series **R410A**

**acson**<sup>®</sup>  
International  
Air Conditioners

# WALL MOUNTED *S-series*



Acson R410A S Series is the air conditioner come with modern design and enhanced technology that provide you to enjoy quality breathing. We promote air conditioner with the fresh air that boost your good breathing and comfort. Good breathing will encourage stress relieve, makes your life toward good health, definitely bring you the feeling of pleasant and joyful for a whole day.

## **INVERTER** SERIES

**Model:** A5WMY 10S/15S/20S/25S  
**Cooling Capacity:** 9,500 - 22,000 BTU/h  
**Power Input:** 0.78 - 1.86kW

## **NON-INVERTER** SERIES

**Model:** A5WM 10S/15S/20S/25S  
**Cooling Capacity:** 9,500 - 24,000 BTU/h  
**Power Input:** 0.91 - 2.25kW

**ECO**COOL  
Eco Friendly Product Series






**R410A**

EcoCool Series is our Acson R410A eco friendly product which provide environment friendly. A more sustainable future environment should protect by us. R410A is a mixture of 50% R32 and 50% R125, it does not contribute to ozone depletion and hence help to prevent global warming.



# Line-Up



Horse Power (HP)		1.0	1.5	2.0	2.5	2.5
R410A	Inverter	Indoor Unit				
		A5WMY10S	A5WMY15S	A5WMY20S	A5WMY25S	
						
		Outdoor Unit				
		A5LCY10F	A5LCY15F	A5LCY20C	A5LCY25C	
						
		Indoor Unit				
		A5WM10S	A5WM15S	A5WM20S	A5WM25S	A5WM25S
						
	Outdoor Unit					
A5LC10F	A5LC15F	A5LC20C	A5LC25C	A5LC25C1		
						

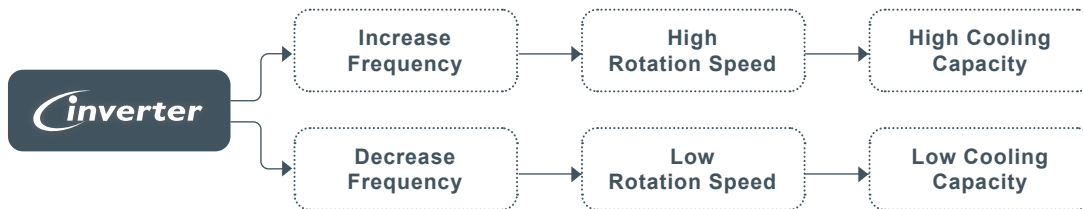
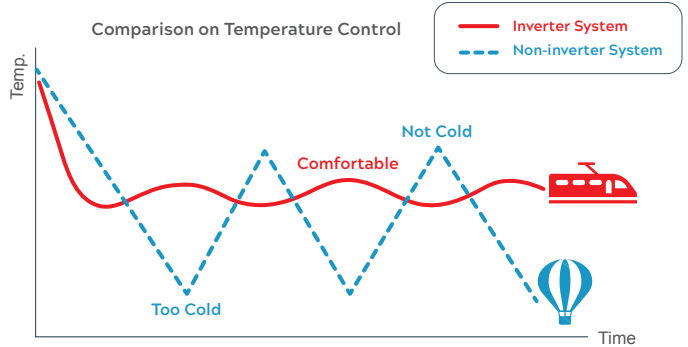
# Ultra Gold Fin & Inverter Technology



## *inverter*

Inverter is able to electronically control the electrical voltage, current and frequency by receiving information from sensors.

It can regulate the compressor revolution speed and adjust the air conditioning output, resulting in minimization of temperature fluctuation.



Cutting-edge inverter technology enable user to have low operating cost without losing the cooling performance. With the combination of mechanical and electronics technology, the efficiency of cooling will be magnificent coming with lower energy consumption.



### Energy Saving

Saving unnecessary energy and save on electricity bill



### Powerful

Enable to reach the set temperature and ideal cooling comfort more quickly



### Comfort Air

The highest comfort level is ensure as inverter system will adjust accordingly based on cooling load.

## ULTRA GOLD FIN

The condensor coil is protected with hydrophilic gold fin, which is type of protective layer coating on the fin and it can prolong the lifespan of heat exchanger. Thanks to the hydrophilic gold fin, the condensor coil is more resistant to corrosion, rust, rain & high temperature, without affect the cooling performance.

*\*Applicable to inverter model only*



# Features

## Fast Cooling Turbo Mode

Turbo mode will allow the fan to operate at maximum speed. The extra airflow rapidly provide extra cooling effect. In 20 minutes, your room will cool 33% faster than normal operating.

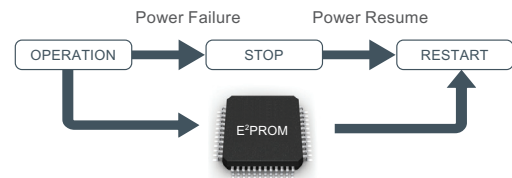
## Long & Wide Air-flow

The cooling air can spread evenly to cover large area of the room. Your satisfaction is further increased when the reach of air is up to 6 meters from the unit.

## Double Protection

### Automatic Restart

When there is sudden power failure, the unit can restart automatically and recovering the last setting condition once the power supply is back.



### Self Diagnosis System

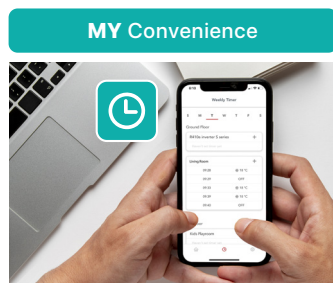
Errors can be detected and displayed by blinking LEDs with a series of sensors and intelligent control board to inform user the detected malfunctions.

## MY Acson, MY Control (Optional Accessory)

Specification		
Dimension	H x W x D (mm)	32 x 50 x 15
Wi-Fi Frequency		2.4GHz
Network Configuration		
Out-of-home Control		Internet
In-home Control		LAN, Bluetooth
Electrical Specification		
Communication Protocol		NS
Input Supply	Voltage	5V
	Current	150 mA
	Power Consumption	750 mW
Supported OS		Android 5 or later; IOS 9 or later



- Setting different modes (e.g: cool, dry, fan, turbo, sleep, quiet mode)
- Controlling fan speed, air flow direction & temperature settings
- Controlling the Zoning System



- Set 7-day schedules & timers that adjust AC according to your lifestyle
- Control every AC unit from your couch - no need to go racing room-to-room changing settings
- Guest sharing option - possible to be both hospitable and safe



- Pre-cool your room whilst still in the workplace or office.
- Room is already pre-cooled according to your desired settings as you reach home.



- Monitor and track energy consumption for better budget planning

\*subject to applicable model

# Specifications

## A5WM Non Inverter S Series (R410A)



Model		Indoor	A5WM 10S	A5WM 15S	A5WM 20S	A5WM 25S	A5WM 25S	
		Outdoor	A5LC 10F	A5LC 15F	A5LC 20C	A5LC 25C	A5LC 25C1	
Nominal Cooling Capacity	BTU/h		9500	12000	18000	22000	24000	
	kW		2.78	3.52	5.28	6.45	7.03	
Nominal Total Input Power	W		905	1140	1835	2060	2245	
Nominal Running Current	A		4.02	5.10	8.10	9.14	9.82	
CSPF	Wh/Wh		3.26	3.28	3.05	3.32	3.32	
Power Supply	V/Ph/Hz	220-240V / 1 / 50						
Refrigerant Control	OUTDOOR CAPILLARY TUBE							
MEPS Star								
Indoor Unit	Control	Operation		LCD REMOTE CONTROL				
		Air Discharge		AUTOMATIC LOUVER (UP & DOWN)				
	Air Flow	Turbo	l/s (CFM)	169 (358)	176 (372)	303 (641)		
		High	l/s (CFM)	161 (342)	168 (355)	290 (614)		
		Medium	l/s (CFM)	133 (282)	140 (298)	253 (537)		
		Low	l/s (CFM)	106 (225)	114 (242)	224 (474)		
		Quiet	l/s (CFM)	99 (209)	106 (225)	197 (418)		
	Sound Pressure Level (SPL)	dBA	39/38/33/27/25	41/40/35/29/28	48/46/43/39/37			
	Unit Dimension	Height	mm (in)	288 (11.34)			310 (12.20)	
		Width	mm (in)	859 (33.82)			1124 (44.25)	
		Depth	mm (in)	209 (8.23)			237 (9.33)	
	Packaging Dimension	Height	mm (in)	367 (14.45)			400 (15.75)	
		Width	mm (in)	970 (38.19)			1252 (49.29)	
		Depth	mm (in)	303 (11.93)			333 (13.11)	
Unit Weight	kg (lb)	9 (19.84)			14 (30.86)			
Condensate Drain Size	mm (in)	19.05 (0.75)						
Air Flow	l/s (CFM)	438 (927)	390 (827)	675 (1430)	755 (1600)	829 (1758)		
Sound Pressure Level (SPL)	dBA	46	48	49	52	54		
Unit Dimension	Height	mm (in)	550 (21.65)		651 (25.63)		753 (29.65)	
	Width	mm (in)	658 (26.00)		855 (33.66)			
	Depth	mm (in)	273 (10.75)		328 (12.91)			
Packaging Dimension	Height	mm (in)	580 (22.83)		693 (27.28)		793 (31.22)	
	Width	mm (in)	775 (30.51)		990 (38.98)			
	Depth	mm (in)	355 (13.98)		415 (16.34)			
Unit Weight	kg (lb)	28 (61.73)	29 (63.93)	43 (94.80)	47 (103.62)	57 (125.66)		
Pipe Connection	Type	FLARE VALVE						
	Liquid	mm (in)	6.35 (1/4)					
	Gas	mm (in)	9.52 (3/8)	12.70 (1/2)		15.88 (5/8)		
Refrigerant Type	R410A							

CSPF = Cooling Seasonal Performance Factor  
MEPS = Minimum Energy Performance Standard

- All specifications are subject to change by the manufacturer without prior notice.
- Nominal Cooling Capacity is based in the conditions: Cooling 27°C DB / 19°C WB indoor and 35°C DB / 24°C WB outdoor.
- 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.
- Units are tested & compiled to international standards such as ISO 5151.



\*1<sup>st</sup> year free labour and compressor.  
\*2<sup>nd</sup> - 5<sup>th</sup> year free compressor only.

# Specifications

## A5WMY Inverter S Series (R410A)



Model		Indoor	A5WMY 10S	A5WMY 15S	A5WMY 20S	A5WMY 25S				
		Outdoor	A5LCY 10F	A5LCY 15F	A5LCY 20C	A5LCY 25C				
Nominal Cooling Capacity	BTU/h	9500 (4400-10200)		12100 (4400-13000)		18500 (4700-21200)		22000 (5800-23000)		
	kW	2.78 (1.29-2.99)		3.55 (1.29-3.81)		5.42 (1.40-6.21)		6.45 (1.70-6.74)		
Nominal Total Input Power	W	780		1075		1500		1860		
Nominal Running Current	A	3.49		4.82		6.65		8.25		
CSPF	Wh/Wh	4.74		4.81		4.94		5.43		
Power Supply	V/Ph/Hz	220-240V / 1 / 50								
Refrigerant Control	OUTDOOR EXV									
MEPS Star										
Indoor Unit	Control	Operation		LCD REMOTE CONTROL						
		Air Discharge		AUTOMATIC LOUVER (UP & DOWN)						
	Air Flow	Turbo	I/s (CFM)	178 (378)	185 (392)	273 (578)	332 (703)			
		High	I/s (CFM)	163 (345)	169 (358)	250 (529)	309 (654)			
		Medium	I/s (CFM)	128 (272)	133 (282)	222 (471)	276 (585)			
		Low	I/s (CFM)	102 (215)	110 (232)	197 (418)	239 (507)			
		Quiet	I/s (CFM)	86 (182)	86 (182)	177 (374)	206 (437)			
	Sound Pressure Level (SPL)	dBA	41/40/34/29/21		42/41/34/30/22		44/40/38/35/32		46/43/41/37/33	
	Unit Dimension	Height	mm (in)	288 (11.34)			310 (12.20)			
		Width	mm (in)	859 (33.82)			1124 (44.25)			
		Depth	mm (in)	209 (8.23)			237 (9.33)			
	Packaging Dimension	Height	mm (in)	367 (14.45)			400 (15.75)			
		Width	mm (in)	970 (38.19)			1252 (49.29)			
Depth		mm (in)	303 (11.93)			333 (13.11)				
Unit Weight	kg (lb)	9 (19.84)			14 (30.86)					
Condensate Drain Size	mm (in)	19.05 (0.75)								
Outdoor Unit	Air Flow	I/s (CFM)	401 (850)	345 (730)	798 (1690)	848 (1796)				
	Sound Pressure Level (SPL)	dBA	45	46	51					
	Unit Dimension	Height	mm (in)	550 (21.65)		651 (25.63)		753 (29.65)		
		Width	mm (in)	658 (25.91)		855 (33.66)				
		Depth	mm (in)	273 (10.75)		328 (12.91)				
	Packaging Dimension	Height	mm (in)	580 (22.83)		693 (27.28)		793 (31.22)		
		Width	mm (in)	775 (30.51)		990 (38.98)				
		Depth	mm (in)	355 (13.98)		415 (16.34)				
	Unit Weight	kg (lb)	24 (52.91)	26 (57.32)	37 (81.57)	44 (97.00)				
	Pipe Connection	Type	FLARE VALVE							
Liquid		mm (in)	6.35 (1/4)							
Gas		mm (in)	9.52 (3/8)	12.70 (1/2)		15.88 (5/8)				
Refrigerant Type	R410A									

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\*1<sup>st</sup> year free labour and compressor.  
\*2<sup>nd</sup> - 5<sup>th</sup> year free compressor only.



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