

AVO

WALL MOUNTED



MyECO
R32

ACSON
International
Air Conditioners

AVO

WALL MOUNTED



AVO air conditioner series is a high quality, energy efficient and inexpensive option of cooling for different spaces. With the combination of greenery refrigerant and advanced design, AVO wall mounted air conditioner could provide extra cooling and reducing footprint to the environment.

INVERTER SERIES

Model: A3WMY 10/15/20/25N
Cooling Capacity: 9,000 - 22,500 BTU/h
Power Input: 0.76 - 1.84kW

NON-INVERTER SERIES

Model: A3WM 10/15/20/25N
Cooling Capacity: 9,500 - 22,000 BTU/h
Power Input: 0.84 - 2.22kW



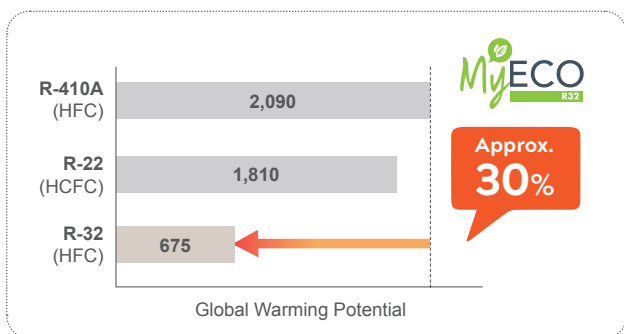
Acson MyEco Series offers eco-friendly products which lead to a more sustainable future. Products labelled with MyEco are more sustainable and environmental friendly



Line-Up



Horse Power (HP)		1.0	1.5	2.0	2.5	
R32	Inverter	Indoor Unit				
		A3WMY10N	A3WMY15N	A3WMY20N	A3WMY25N	
						
		Outdoor Unit				
		A3LCY10F9	A3LCY15F	A3LCY20C	A3LCY25C	
						
	Non-inverter	Indoor Unit				
		A3WM10N	A3WM10N	A3WM15N	A3WM20N	A3WM25N
						
		Outdoor Unit				
A3LC10FN		A3LC10F	A3LC15F	A3LC20C	A3LC25C	
						



R32 is outstanding for their environment friendly properties as It does not contribute to ozone depletion and preserve global climate changes. The R32 refrigerant has zero Ozone Depletion Potential (ODP) and reduction of the global warming potential up to 30% when compared with R410A & R22.

- Better Environmental properties
- Better performance
- Economic efficiency

The R32 refrigerant has a low Global Warming Potential (GWP), which one-third lower as compared to R410A

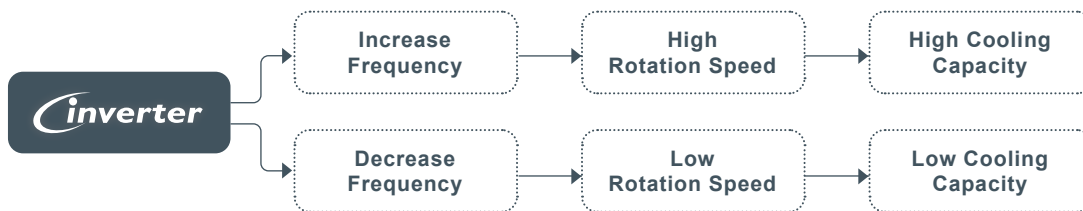
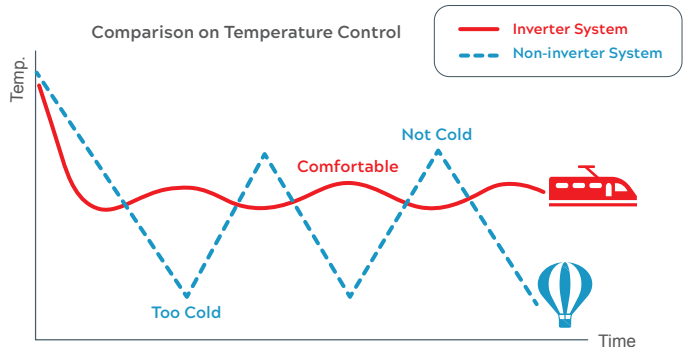
Ultra Gold Fin & Inverter Technology



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.

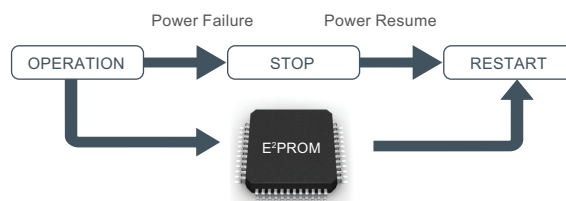
Silent Atmosphere

The noise level is lowered down when QUIET mode is activated. It will be bring down to the minimum sound level 21dBA to ensure user can enjoy undisturbed and peaceful environment.

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.



Comfort at Your Fingertip

Your body requires less cooling while asleep as your body get cold. The SLEEP mode is designed to give you comfort by increasing temperature gradually to ensure a comfortable and mellow sleeping.

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.

Wireless Controller GS02

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

A3WM Non Inverter AVO (R32)



Model	Indoor	A3WM 10N	A3WM 10N	A3WM 15N	A3WM 20N	A3WM 25N	
	Outdoor	A3LC 10FN	A3LC 10F	A3LC 15F	A3LC 20C	A3LC 25C	
Nominal Cooling Capacity	BTU/h	8800	9500	12000	18000	22000	
	kW	2.58	2.78	3.52	5.28	6.45	
Nominal Total Input Power	W	835	900	1170	1835	2215	
Nominal Running Current	A	3.68	4.00	5.41	8.12	9.76	
CSPF	Wh/Wh	3.28	3.28	3.19	3.05	3.09	
Power Supply	V/Ph/Hz	220-240V / 1 / 50					
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	39/37/33/27/25		40/39/35/29/28	48/46/43/39/37
	Unit Dimension	Height	mm (in)	288 (11.34)		310 (12.20)	
		Width	mm (in)	800 (31.49)		1065 (41.93)	
		Depth	mm (in)	204 (8.03)		224 (8.80)	
	Packaging Dimension	Height	mm (in)	344 (13.54)		386 (15.20)	
		Width	mm (in)	874 (34.40)		1136 (44.72)	
		Depth	mm (in)	274 (10.78)		314 (12.36)	
	Unit Weight		kg (lb)	9 (19.84)		14 (30.86)	
Condensate Drain Size		mm (in)	19.05 (0.75)				
Air Flow		l/s (CFM)	304 (644)	438 (927)	390 (827)	675 (1430) / 750 (1590)	
Sound Pressure Level (SPL)		dBA	46		48	51 / 52	
Unit Dimension	Height	mm (in)	485 (19.10)	550 (21.65)		651 (25.63)	
	Width	mm (in)	566 (22.29)	658 (26.00)		855 (33.66)	
	Depth	mm (in)	256 (10.08)	273 (10.75)		328 (12.91)	
Packaging Dimension	Height	mm (in)	532 (20.94)	580 (22.83)		693 (27.28)	
	Width	mm (in)	668 (26.30)	775 (30.51)		990 (38.98)	
	Depth	mm (in)	366 (14.40)	355 (13.98)		415 (16.34)	
Unit Weight		kg (lb)	21 (46.30)	28 (61.73)		41 (90.39)	
Fin Spec		BARE ALUMINIUM FIN OR HYDROPHILIC GOLD FIN				PFC	
Pipe Connection	Type		FLARE VALVE				
	Liquid	mm (in)	6.35 (1/4)				
	Gas	mm (in)	9.52 (3/8)		12.70 (1/2)		
Maximum Piping Length		m	20	25		30	
Maximum Piping Height		m	12	15			
Refrigerant Type		R32					

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.



*1st year free labour and compressor.
*2nd - 5th year free compressor only.

Specifications

A3WMY Inverter AVO (R32)



Model			Indoor	A3WMY 10N	A3WMY 15N	A3WMY 20N	A3WMY 25N
			Outdoor	A3LCY 10F9	A3LCY 15F	A3LCY 20C	A3LCY 25C
Nominal Cooling Capacity			BTU/h	9000 (4400-9900)	12100 (4400-13000)	19000 (4700-21200)	22500 (5800-23500)
			kW	2.65 (1.30-2.90)	3.55 (1.30-3.80)	5.57 (1.40-6.21)	6.60 (1.70-6.89)
Nominal Total Input Power			W	760 (250-810)	1120 (300-1300)	1475 (290-1850)	1840 (380-2000)
Nominal Running Current			A	3.40 (1.60-3.59)	4.97 (1.86-5.75)	6.54 (1.45-8.17)	8.16 (1.91-8.88)
CSPF			Wh/Wh	5.02	4.53	5.55	5.84
Power Supply			V/Ph/Hz	220-240V / 1 / 50			
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)	101 (215)	109 (232)	197 (418)	239 (507)
		Quiet	I/s (CFM)	78 (165)	78 (165)	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)	800 (31.49)		1065 (41.93)	
		Depth	mm (in)	204 (8.03)		224 (8.80)	
	Packaging Dimension	Height	mm (in)	344 (13.54)		386 (15.20)	
		Width	mm (in)	874 (34.40)		1136 (44.72)	
		Depth	mm (in)	274 (10.78)		314 (12.36)	
	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)	297 (630)	437 (927)	798 (1690)	848 (1796)
	Sound Pressure Level (SPL)		dBA	47	46	51	
	Unit Dimension	Height	mm (in)	485 (19.09)	550 (21.65)	651 (25.63)	753 (29.65)
		Width	mm (in)	566 (22.28)	658 (25.91)	855 (33.66)	
		Depth	mm (in)	256 (10.08)	273 (10.75)	328 (12.91)	
	Packaging Dimension	Height	mm (in)	532 (20.94)	580 (22.83)	693 (27.28)	793 (31.22)
		Width	mm (in)	668 (26.30)	775 (30.51)	990 (38.98)	
		Depth	mm (in)	366 (14.41)	355 (13.98)	415 (16.34)	
	Unit Weight		kg (lb)	18 (39.68)	24 (52.91)	41 (90.39)	44 (97.00)
	Fin Spec		HYDROPHILIC GOLD FIN				
	Pipe Connection	Type		FLARE VALVE			
		Liquid	mm (in)	6.35 (1/4)			
			Gas	mm (in)	9.52 (3/8)		12.70 (1/2)
	Maximum Piping Length		m	20		30	
	Maximum Piping Height		m	15		20	
Refrigerant Type			R32				

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.



*1st year free labour and compressor.
*2nd - 5th year free compressor only.



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

www.acson.com.my

Authorized Dealer :

Products manufactured in an ISO certified facility.
This document contains the most current product information as of this printing.
For the most up-to-date product information, please logon to www.acson.com.my