

MyECO
R32

WiFi 

ACSON[®]
International
Air Conditioners



CAT-A3WM-2302

AVO

WALL MOUNTED Series

AVO

WALL MOUNTED



NON-INVERTER
Series

Model: A3WM 10/15/20/25N

Cooling Capacity:
8,800 - 22,500 BTU/h

Power Input:
0.84 - 2.13 kW

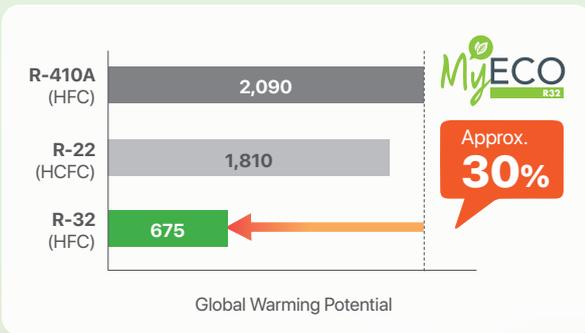
Horse Power (HP)	1.0	1.5	2.0	2.5	
AVO Series <i>Non-Inverter</i>	Indoor Unit				
	A3WM 10N	A3WM 10N1	A3WM 15N	A3WM 20N	A3WM 25N
					
	Outdoor Unit				
	A3LC 10FN	A3LC 10F1	A3LC 15F	A3LC 20FN	A3LC 25FN
					

R32 Refrigerant

Greenery Refrigerant



Acson MyEco offers eco-friendly products which lead to a more environmentally friendly and sustainable future. R32 refrigerant contribute to zero Ozone Depletion potential and the reduction of global warming potential up to 30% when compared with R410A and R22 refrigerant. It is everyone's responsibilities to take care of our mother earth to make this planet a better place for our communities and generations to come.



Better Environmental Properties

Better Performance

Economic Efficiency

The R32 refrigerant has lower Global Warming Potential (GWP), which is one third lower than R410A.



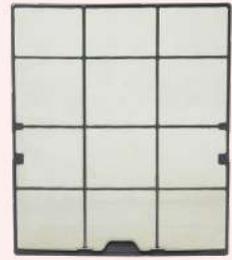
ULTRA GOLD FIN

The condenser 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 condenser coil is more resistant to corrosion, rust, rain & high temperature, without affect the cooling performance.



Filtronz+ Filter

Filtronz+ Filter effectively decompose virus and reduce bacteria & fungus on the air filter surface.



Provide better Indoor Air Quality (IAQ) for healthier life

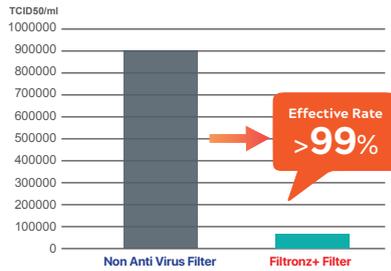
Non-toxic, non-hazardous & can be recycled

No harm & skin friendly

Easy for cleaning & installation

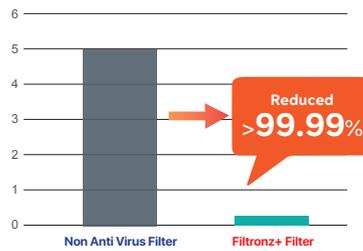
Decomposition of Viruses

The effectiveness rate of virus decomposition is increased by 99% in 2 hours



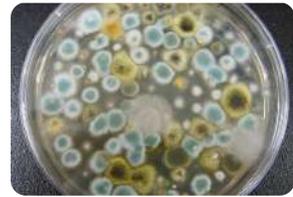
Reduction of Bacteria

The effectiveness rate of bacteria reduction is more than 99.99% in 24 hours



Reduction of Fungus

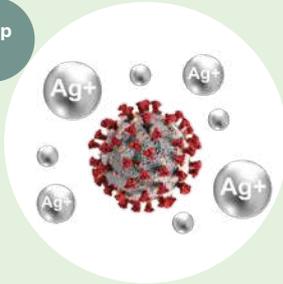
Generation of fungus achieved Grade 0 in 24 hours (No fungus visible under the microscope)



*Image is for illustration purposes

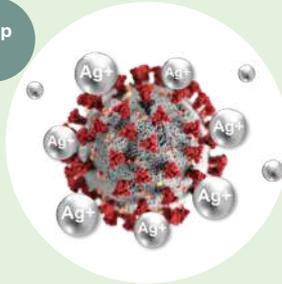
How Filtronz+ Filter works?

Step 1



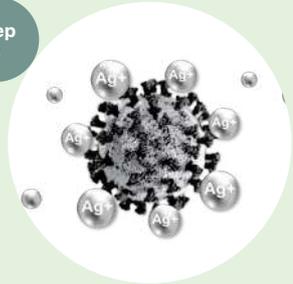
Silver ions (AG+) on the filter absorb virus to the filter surface

Step 2



Combination of organic and inorganic components simultaneously react to change the protein that exists on the virus surface

Step 3



Enzyme protein inactivated, thus the viruses are decomposed and prevented from spread

Test Measuring Method:

Textites- Determination of antiviral activity of textile products (ISO 18184-2014)

Test Number: 2020FM24347R01, 2020FM2604R01

Test Measuring Method:

Test for antimicrobial activity of plastic (JIS Z 2801 : 2010)

Test Number: 2021FM05003R01E

Tested Specimen	Virus		Bacteria		Fungus
	Influenza H1N1	"Chicken Coronavirus Infectious bronchitis Virus"	Esherichia Coli	Staphylococcus	Aspergillus Niger, Penicillium Pinophilum, Trichoderma viride, Chaetomium Globosum, Paecilomyces Variotii
Test Organization	Guangdong Detection Center of Microbiology				
Test Report Number	No.2020FM24347R01	No.2020FM26047R01	No.2021FM05003R01E		No.2021FM05004R01E
Test Result	99.94% in 2 hours	99.99% in 2 hours	>5.9 (99.99987%)	>4.6 (99.99749%)	Grade 0 (no fungus visible under microscope)

MY Acon, MY Control (Optional for non-inverter)

From now on, you can control multiple air conditioner through your smartphone from anywhere and anytime. No more hassle to find your remote controller, MY Acon now offers smart functionality making your air conditioner smarter.



Acson Wifi Adapter, AWM01A01

MY Acon App

A single swipe on the phone application which designed with simple control user interface. MY Acon is currently available for both Android & IOS system.



MY Acon



MY Complete Control



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

MY Convenience



- 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

MY Comfort



- 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.

MY Energy-Efficient



- Monitor and track energy consumption for better budget planning

*subject to applicable model



Specification

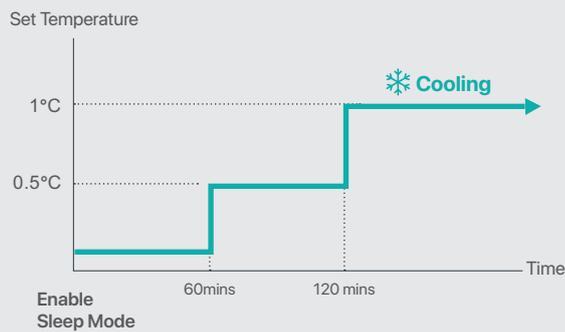
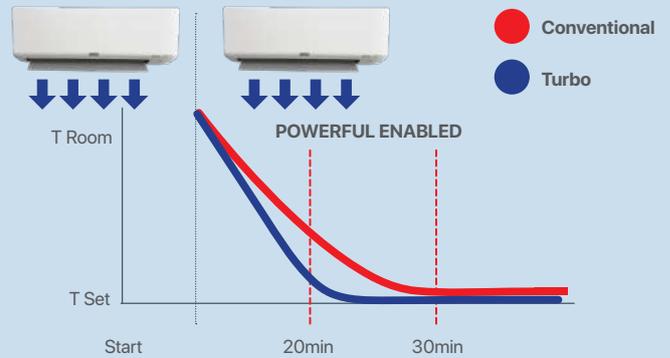
Dimension	Height (mm)	32
	Width (mm)	50
	Depth (mm)	15
Wi-Fi Frequency		2.4GHz
Network Configuration		
Out-of-home Control		Internet
In-home Control		LAN, Bluetooth
Electrical Specification		
Communication Protocol		NS
Input Supply	Voltage	5V
	Current	150 mA
	Power Consumption	750 mW
Supported OS		Android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

Comfort Control On Your Needs

Fast Cooling Turbo Mode

Turbo mode will allow the fan to boost at maximum speed. The extra airflow rapidly provide extra cooling effect.

In 20 minutes, your room will cool 33% faster than normal operating especially larger space.



Sleep Mode

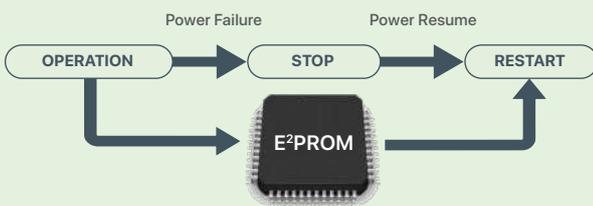
Unwind at the end of the day with Sleep Mode, which gradually increases set temperature according to the regular sleeping temperature patterns for an effortlessly personalised sleeping environment.



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.



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.

Peace of Mind Warranty Service

Acson products are designed with durable & reliable quality. Our units are come with 5 years warranty for compressor and 1 year warranty for general parts.



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

Specifications

A3WM Non Inverter AVO (R32)



Model		Indoor	A3WM 10N	A3WM 10N1	A3WM 15N	A3WM 20N	A3WM 25N	
		Outdoor	A3LC 10FN	A3LC 10F1	A3LC 15F	A3LC 20FN	A3LC 25FN	
Nominal Cooling Capacity	BTU/h		8800	9500	12000	18000	22500	
	kW		2.58	2.78	3.52	5.28	6.59	
Nominal Total Input Power	W		835	865	1040	1660	2130	
Nominal Running Current	A		3.68	3.86	4.61	7.38	9.52	
CSPF	Wh/Wh		3.28	3.42	3.59	3.37	3.28	
Power Supply	V/Ph/Hz	220-240V / 1 / 50						
MEPS Star								
Indoor Unit	Control	WiFi Control	OPTIONAL					
		Operation	LCD REMOTE CONTROL / WIFI CONTROL (OPTIONAL)					
		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)		267 (567)
		Low	l/s (CFM)	106 (225)		114 (242)		244 (516)
		Quiet	l/s (CFM)	99 (209)		106 (225)		224 (474)
	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)	350 (13.78)			386 (15.20)	
		Width	mm (in)	874 (34.40)			1136 (44.72)	
		Depth	mm (in)	279 (10.98)			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	l/s (CFM)	304 (644)	438 (927)	390 (827)	727 (1540)	661(1400)	
	Sound Pressure Level (SPL)	dBA	46		48	52		
	Unit Dimension	Height	mm (in)	485 (19.10)	550 (21.65)		615 (24.21)	
		Width	mm (in)	566 (22.29)	658 (26.00)		845 (33.27)	
		Depth	mm (in)	256 (10.08)	273 (10.75)		300 (11.81)	
	Packaging Dimension	Height	mm (in)	532 (20.94)	610 (24.02)		679 (26.73)	
		Width	mm (in)	668 (26.30)	781 (30.75)		992 (39.06)	
		Depth	mm (in)	366 (14.40)	363 (14.29)		414 (16.30)	
	Unit Weight	kg (lb)	21 (46.30)	28 (61.73)		40 (88.18)	46 (101.41)	
	Fin Spec	BARE ALUMINIUM FIN OR 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	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.



ACSON
International
Air Conditioners

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a member of DAIKIN group

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