

# AVORY

WALL MOUNTED



**MyECO**  
R32

**ACSON**  
International  
Air Conditioners

# AVORY

## WALL MOUNTED



**INVERTER** SERIES

Model: A3WMY10AF - A3WMY25AF  
 Cooling Capacity: 9,700 - 22,500 BTU/h  
 Power Input: 0.74 - 1.79 kW

		Horse Power (HP)	1.0	1.5	2.0	2.5
R32	Inverter	Indoor Unit				
		A3WMY10AF	A3WMY15AF	A3WMY20AF	A3WMY25AF	
		Outdoor Unit				
		A3LCY10F1	A3LCY15F1	A3LCY20F1	A3LCY25F1	



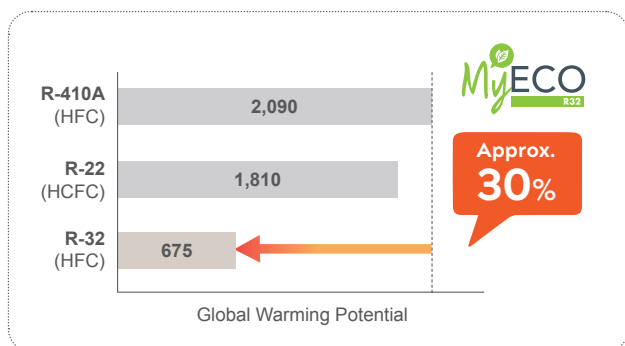
# MyECO & Features



## R32 Refrigerant

### Greenery Refrigerant

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



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

## 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.

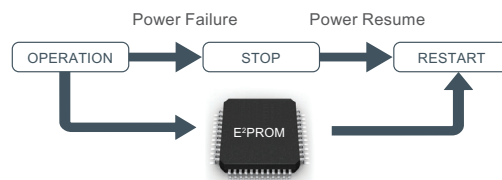
### Long & Wide Air-flow

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

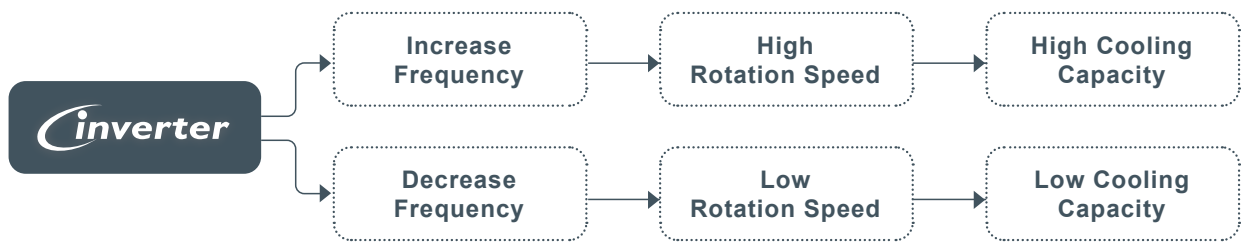
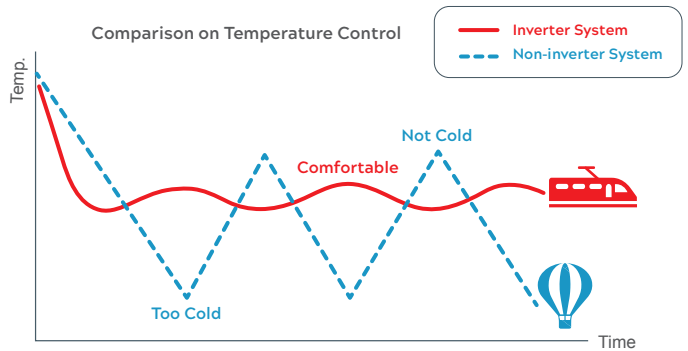
Errors can be detected and displayed by blinking LEDs with a series of sensors and intelligent control board to inform user the detected malfunctions.

# Inverter Technology & Ultra Gold Fin



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



# MY Acson, MY Control

## MY Acson, MY Control

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 Acson now offers smart functionality making your air conditioner smarter.



Acson Wifi Adapter, AWM01A01



AVORY is equipped with Acson Wifi Adapter which connect your Wifi Router and enable control of air conditioner setting from your mobile device.

### MY Acson App

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



MY ACSON

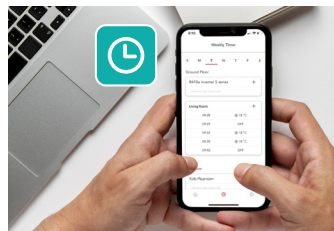


### MY Complete Control



- 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

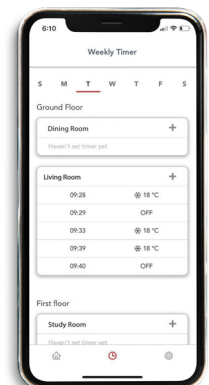
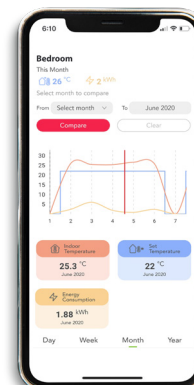
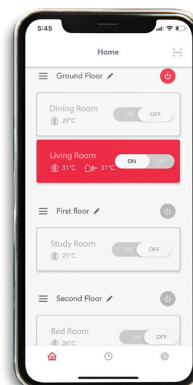


- Monitor and track energy consumption for better budget planning

\*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	



# Filtronz+ Filter



## 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

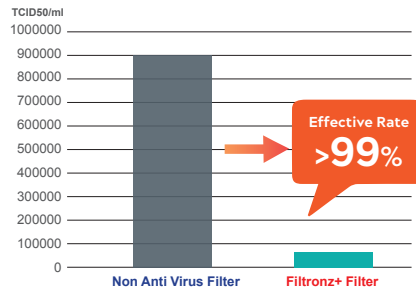
Non-toxic, non-hazardous & can be recycled

No harm & skin friendly

Easy for cleaning & installation

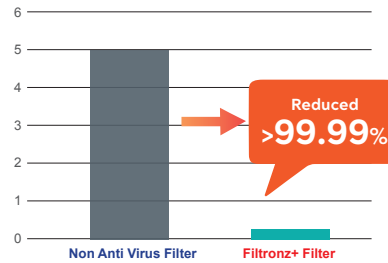
### Decomposition of Viruses

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



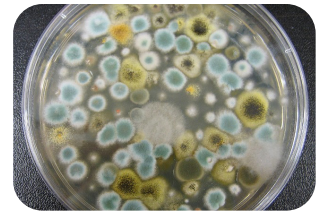
### Reduction of Bacteria

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



### Reduction of Fungus

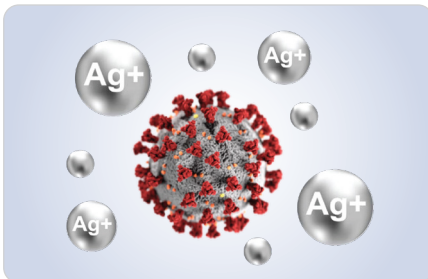
Generation of fungus achieved Grade 0 in 24 hours (No fungus visible under the microscope)



*\*Image is for illustration purposes*

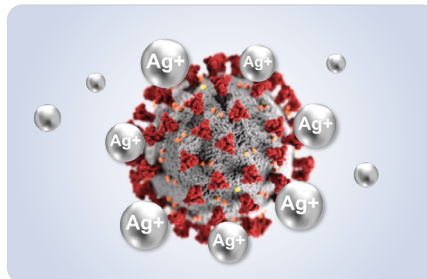
## How Filtronz+ Filter works?

### Step 1



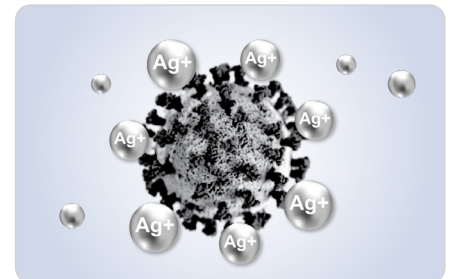
Silver ions (AG+) on the filter absorb virus to the filter surface

### Step 2

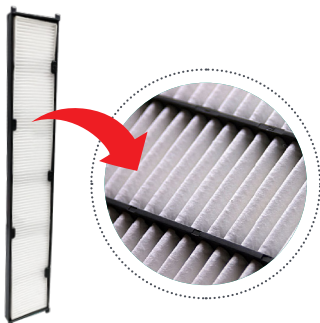


Combination of organic and inorganic components simultaneously react to change the protein that exists on the virus surface

### Step 3



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



## HEPA Filter (Optional)\*

Those fine particles with diameter less than 2.5 micrometers are able to deeply inhale and reaching the lung, causing coughing and asthma. With the incorporated HEPA filter, it will capture particulate matter (PM2.5), bacteria, pollen etc, improving the air quality and cleanliness.

*\*Remark: HEPA Filter is not a standard option*

# Specifications

## AVORY Wall Mounted Series



Model			Indoor	A3WMY10AF	A3WMY15AF	A3WMY20AF	A3WMY25AF			
			Outdoor	A3LCY10F1	A3LCY15F1	A3LCY20F1	A3LCY25F1			
Nominal Cooling Capacity			BTU/h	9700 (3700-11600)	12100 (4000-13000)	19000 (6000-21200)	22500 (6600-24500)			
			kW	2.84 (1.08-3.40)	3.55 (1.17-3.81)	5.57 (1.76-6.21)	6.59 (1.93-7.18)			
Nominal Total Input Power			W	740 (260-1200)	980 (280-1250)	1590 (420-2200)	1790 (380-2300)			
Nominal Running Current			A	3.37 (1.71-5.47)	4.38 (1.69-5.59)	6.99 (2.74-9.67)	7.85 (2.40-10.09)			
CSPF			Wh/Wh	5.60	5.60	5.60	6.30			
Power Supply			V/Ph/Hz	220-240V / 1 / 50						
MEPS Star										
Indoor Unit	Control		Wifi Control					BUILT IN		
			Operation					LCD REMOTE CONTROL / WIFI CONTROL (BUILT IN)		
			Air Discharge					AUTOMATIC LOUVER (UP & DOWN)		
	Air Flow		Turbo	I/s (CFM)	410	420	450	720		
			High	I/s (CFM)	380	400	430	640		
			Medium	I/s (CFM)	310	330	360	560		
			Low	I/s (CFM)	230	250	290	480		
			Quiet	I/s (CFM)	190	200	260	360		
	Sound Pressure Level (SPL)		dBA	38 / 33 / 26 / 19		39 / 34 / 26 / 21		42 / 38 / 32 / 30		
	Unit Dimension		Height	mm (in)	288 (11.34)			297 (11.69)		
			Width	mm (in)	785 (30.91)			1005 (39.57)		
			Depth	mm (in)	250 (9.84)			288 (11.34)		
	Packaging Dimension		Height	mm (in)	327 (12.87)			371 (14.61)		
			Width	mm (in)	830 (32.68)			1073 (42.24)		
			Depth	mm (in)	363 (14.29)			375 (14.76)		
Unit Weight		kg (lb)	9 (19.84)			9.5 (20.94)		13 (28.66)		
Condensate Drain Size		mm (in)	19.05 (0.75)							
Outdoor Unit	Air Flow		I/s (CFM)	439 (930)		396 (840)		618 (1310)		618 (1310)
	Sound Pressure Level (SPL)		dBA	45		46		49		52
	Unit Dimension		Height	mm (in)	550 (21.65)			615 (24.21)		
			Width	mm (in)	658 (25.91)			845 (33.27)		
			Depth	mm (in)	273 (10.75)			300 (11.81)		
	Packaging Dimension		Height	mm (in)	610 (24.02)			679 (26.73)		
			Width	mm (in)	781 (30.75)			992 (39.06)		
			Depth	mm (in)	363 (14.29)			414 (16.30)		
	Unit Weight		kg (lb)	24 (52.91)		26 (57.32)		37 (81.57)		
	Fin Spec		HYDROPHILIC GOLD FIN							
	Pipe Connection		Type	FLARE VALVE						
			Liquid	mm (in)	6.40 (1/4)					
Gas			mm (in)	9.50 (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.



\*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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*a member of DAIKIN group*

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