

# AVORY

WALL MOUNTED SERIES



**ACSON**  
International  
Air Conditioners

# AVORY

## WALL MOUNTED SERIES



## INVERTER SERIES

**Model :** A3WMY 10AP - A3WMY 25AP

**Cooling Capacity :** 9,700 - 22,500 BTU/h

**Power Input :** 0.74 - 1.79 kW



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Our Acson new **AVORY Wall Mounted Series** has a whole new outlook design with a slim gloss tiffany green lining, giving extra shine to your room. **AVORY** also come with Foresto Technology which give urban people living feels like in the greenary forest, inhaling fresh and clean air.

Good air quality not only improve immune system, but also help to relax and release stress level for people. With a push of button on **Acson's AVORY** air conditioner, everyone can benefit from the nature breeze effect with our Acson Foresto Technology.



# Foresto<sup>TM</sup>

## TECHNOLOGY

Acson Foresto Technology brings you to the peace of the forest by combining powerful Plusma function, Filtronz and R32 greenery refrigerant. By supplying clean and fresh air, it helps to recharge your mind and soul, make resting more effective.



### Filtronz

Advanced Filtering Technology

We understand how importance nature breeze is, that is why we incorporate Filtronz technology into our air-conditioners. As it incorporated with advanced filtering technology, Acson air filter eliminates your worries on indoor air quality.

This filter traps airborne dust particles in the air, providing cleaner air whenever you attached to Acson Foresto air-conditioners.



PLUSMA generates massive amount of positive IONS and even more negative IONS.



Function to Sterilize and neutralize harmful virus and bacteria.



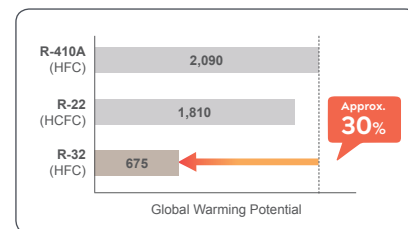
### Deodorize, Sterilize, Purify

Acson PLUSMA utilizes cold plasma technology where massive positive and negative ions are produced. PLUSMA will deodorize, sterilize and purify air to give a fresher, healthier and more refreshing environment for better health and sustainability lifestyle. A PLUS for your health.



### R32 Refrigerant Greenery Refrigerant

R32 is a single component refrigerant and used to be one of the components of R410A. It is remarkable for its low environmental impact. In other words, it also consists of zero Ozone Depletion Potential (ODP) and helps to preserve global climate changes.



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









## iSenz+

AVORY is equipped with iSenz+ which able to detect and know the human presence by using thermal image. No matter you are walking or sleeping, it also can track your position, providing the cool air to you.



Sleeping

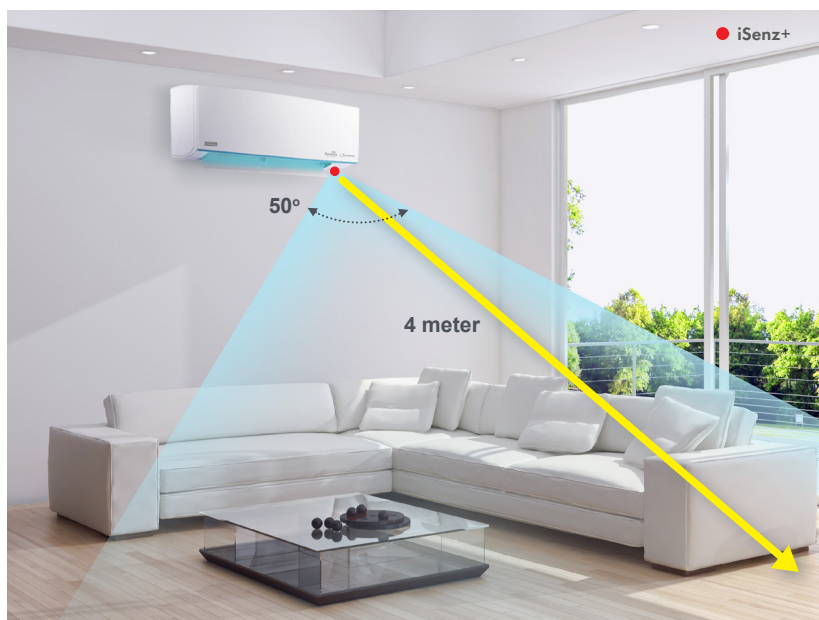


Standing



Running

iSenz+ capture and sense the location of human heat source in wide range of 50° and further up to 4 meter. Within the detection zone, the air flow into either left, middle or right region to locate the human temperature. iSenz+ will continuously target the high temperature region until both surrounding and human are cool enough.



*Remark: The movement of small animals, temperature change due to a heat-generating object or areas exposed to sunlight may incorrectly be detected as a person.*



# Air Comfort



## Vertical & Horizontal Swing

Acson has implement step swing mechanism in AVORY. Users can navigate the air flow direction by choosing vertical and horizontal auto swing. 5 choices of air flow direction angle for both vertical and horizontal swing according to your preference

Vertical Swing					
Horizontal Swing					

## 3D Airflow

3D airflow circulates the cooling air to every corner of the room to ensure uniform cooling and even air distribution. By pressing 3D Draft function button, the louver will take turn to blow out the air in rectangular pattern.

Healthy environment also can be achieve when PLUSMA ion distributed together with the air flow to room surrounding.

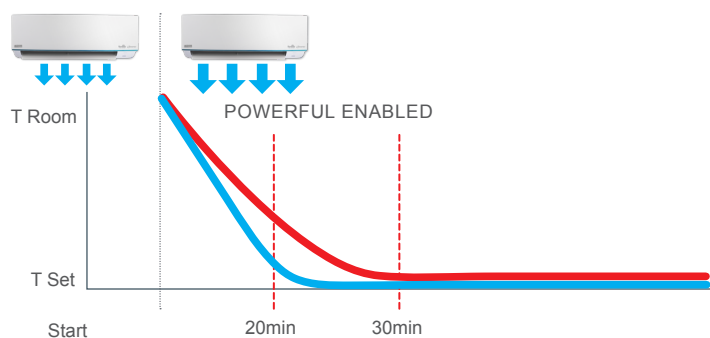






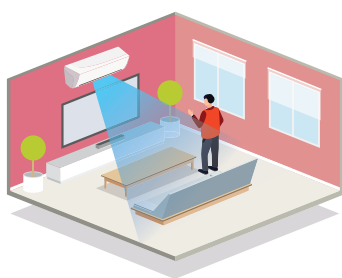
## iTurbo+

iTurbo+ will provide maximum cooling continuously for 20 minutes to the people who seek for instant cooling. Fan speed and compressor run in Turbo mode to give out maximum cooling capacity, enables the set temperature to achieve faster.



## 3D Spot Cooling

iSenz+ can assist to detect and spot the human and provide cooling to the person in the room.



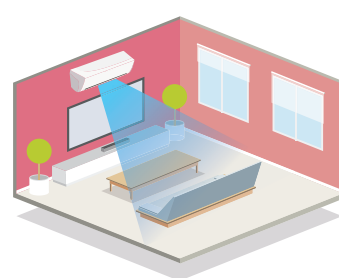
### One People

iSenz+ detect the human temperature and cooling air will flow directly to the person.



### Two & More People

iSenz+ detect and prioritize the person with higher temperature. When the first person is cooled down, iSenz+ will switch to another person with high temperature.



### No People

iSenz+ stay and blow the cool air at the last position where there is heat load previously.

\*Require activation of iTurbo+.

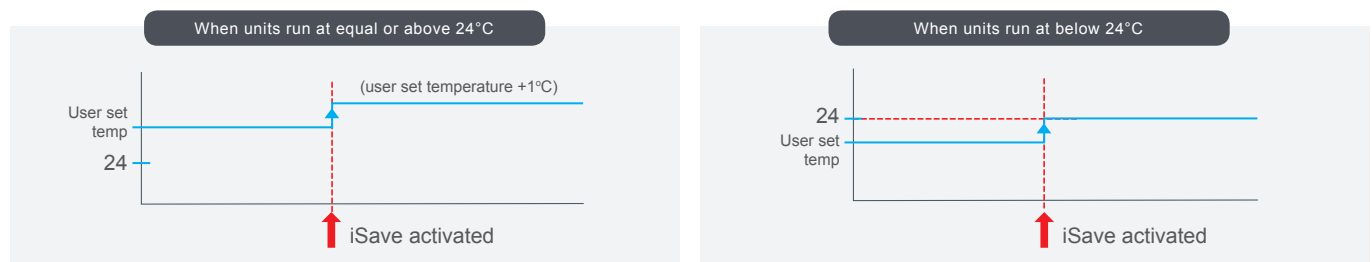


# Intelligent Save & New Filter



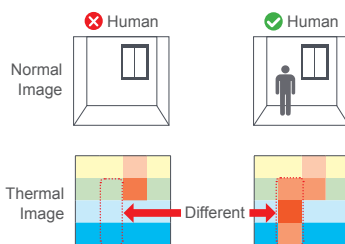
## iSave

iSave is a feature that provide intelligent comfort and energy saving control while fulfilling room comfort. Energy can be save up by limiting power input and running current. By pressing the iSave button, it adjust the set temperature automatically.



\*Applicable when there is human presence.

With the help of iSenz+, it can automatically switch the temperature setting based on the occupancy in the room.



Occupancy	Action
With human presence	Temperature auto set to minimum 24°C (Please refer to the above graph)
No human presence	Temperature will auto set to 27°C in one hour

\*Required activation of iSave.



Our air conditioner Filtronz Technology introduce the combination of new catechin green tea filter together with HEPA filter, helping you to beat up dirty particles in the air.

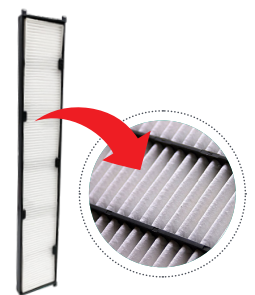
## Catechin Green Tea Filter

The catechin contained in filter is extracted from green tea. Active group of catechin able to deactivate captured bacterial, virus and unpleasant odors. Activated carbon is incorporated in the filter, efficiently absorbing cigarette smoke, pet odors, and other unpleasant smells, replacing them with clean and refreshing air.



## HEPA Filter

Those fine particle 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 (PM 2.5), bacteria, pollen etc, improving the air quality and cleanliness.

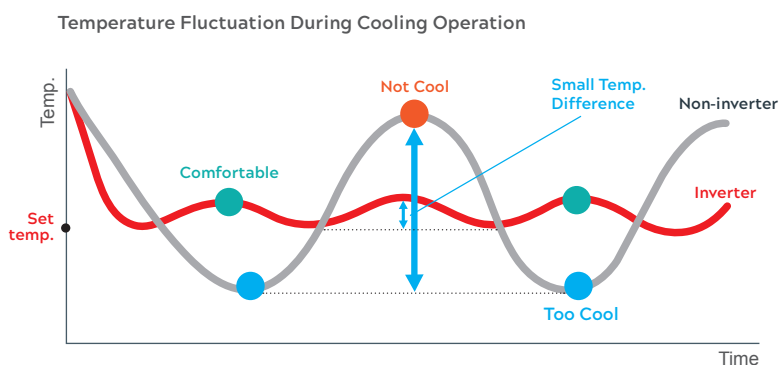




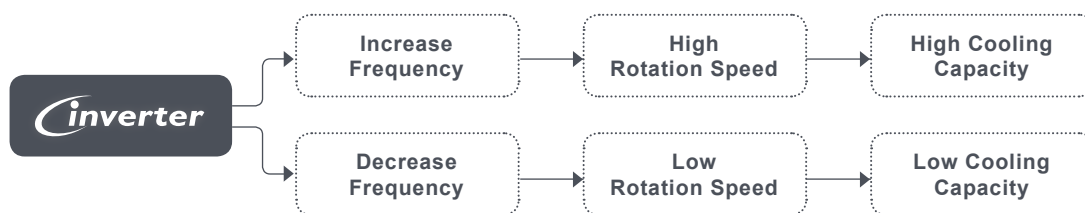


## Energy Saving

With Acson Inverter air conditioner, rotation speed of compressor is varied by adjusting the power supply frequency to maintain the set temperature and ensure the comfortability without cutting ON & OFF compressor. At the same time, the unit is allowed to be operated at low capacity most of the time which eliminate excessive electricity consumption and save energy.



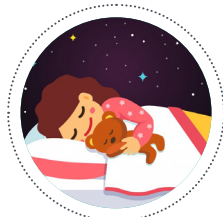
Inverter can vary cooling capacity in order to maintain user setting temperature.



## Powerful



Acson Inverter air conditioner increases the power output to maximum capacity once it started. The burst of increased power enable it to reach the set temperature and ideal cooling comfort more quickly.



## Comfortable

Acson Inverter system adjusts the capacity smartly based on the cooling load. Temperature can remain constant by minimizing the difference between the set temperature and room temperature. This ensure the highest comfort levels for you, which is ideal for comfy bedroom.



# Features

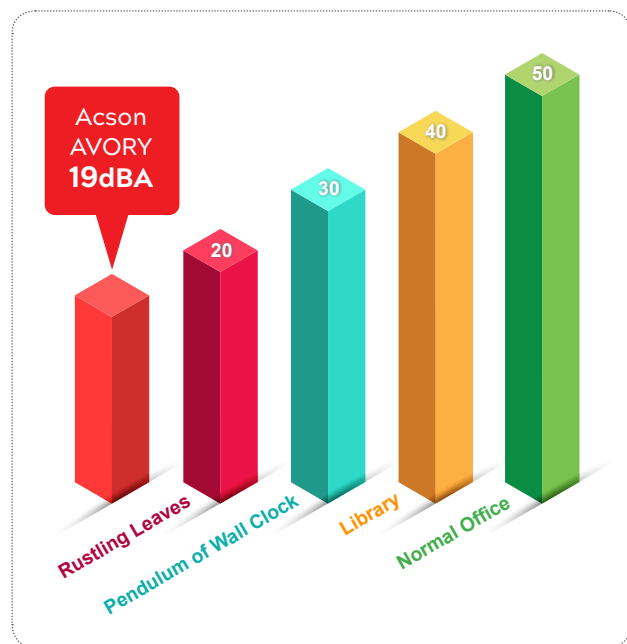


## Silent Atmosphere

(Quiet Mode)

Turn on the QUIET MODE will bring down the noise level by tuning down the compressor frequency and fan speed. The sound level can lower the sound level to unobstructive 19dBA. This function is suitable for people who prefer undisturbed environment, especially at night.

Sound Pressure Level (dBA)



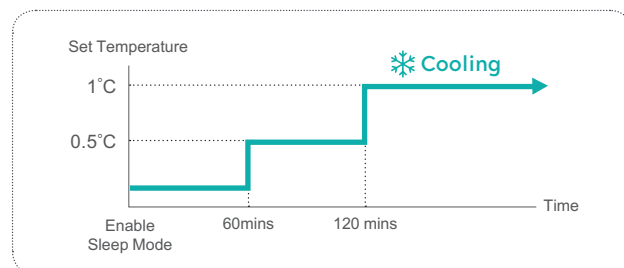
Remark: Applicable to 1.0HP unit only

## Comfort at Your Fingertip

(Sleep Mode)

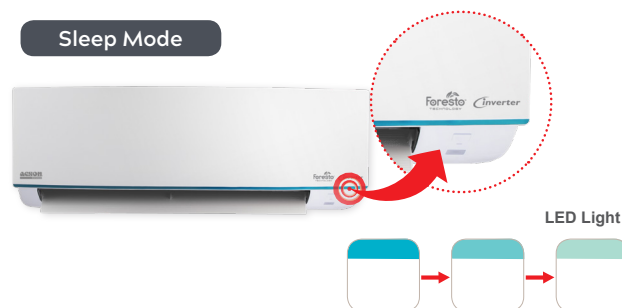
Adjust the temperature gradually using intelligent control SLEEP function to ensure a comfortable and mellow sleeping at night.

Cooling Mode



When SLEEP function is activated, LED will auto adjust to slowly reduce display intensity and minimize the disturbance from LED light, allowing user to enjoy sleeping time.

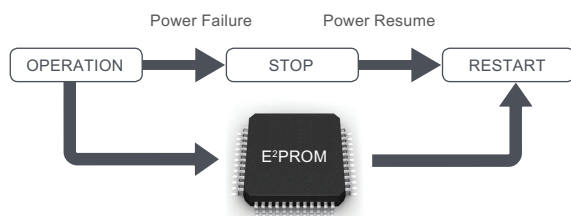
Sleep Mode



## 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.

## Peace of Mind Warranty Service

Durable and reliable quality is guaranteed by Acson product. You will be protected as our units are come with 5 years warranty for compressor and 1 year warranty for general parts.



\*1<sup>st</sup> year free labour and compressor.

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

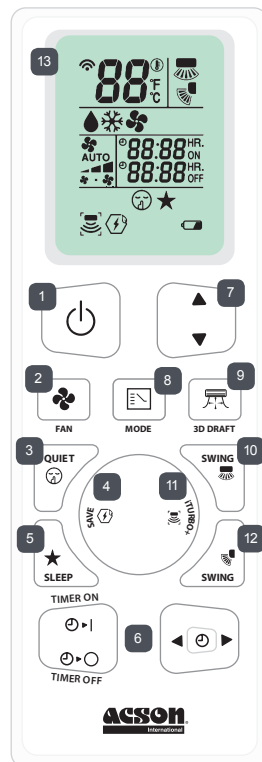


# New Remote Controller



## Remote Controller

Acson introduce whole new remote controller which has more function button to let the user to access more features. Just sit back and relax, while enjoying the comfort air from Acson Air Conditioner with a push of button of Acson new remote controller.



### 1 ON/OFF

The Power Button turns the unit ON or OFF.  
It illuminates when you need it in the dark.

### 2 Fan Speed

Control your air flow to Low, Medium, High or Auto to let your unit do the thinking.

### 3 Quiet

The unique quiet mode further increase the acoustic comfort level for serenity and tranquility.

### 4 iSave

Turn this on for low electricity consumption while enjoying comfort temperature.

### 5 Sleep

The sleep mode gradually increases the room temperature to ensure comfortable sleeping environment.

### 6 Timer

Turn On or Off the unit with its built in timer which repeats itself every 24 hours.

### 7 Temperature

Set the temperature according to your preferences.

### 8 Mode

Different Mode for different ambient - Cool, Dry, and Fan.

### 9 3D Draft

The cooling air flow in 3 dimension to cool down every corner of the room thoroughly.

### 10 Swing (Left Right)

Control cooling air flow in left & right direction with 5 different angles.

### 11 iTurbo+

Turn this on to enjoy intensive cooling for 20 minutes.

### 12 Swing (Up Down)

Control cooling air flow in up & down direction with 5 different angles.

### 13 New LCD Arrangement

LCD screen with multiple indication for easy operation.





## Optional Add Ons:

Compatible with Drainage Pump

Drainage of air-conditioner condensate water can be solved with our easy and flexible installation Easi-Flo Series drainage pump. With our drainage pump, you don't have to worry about this long existed problem again!



Easi-Flo II



Easi-Flo 22



Easi-Flo 33



Easi-Flo 55

# Specifications

## AVORY Wall Mounted Series



Model				A3WMY10AP		A3WMY15AP		A3WMY20AP		A3WMY25AP		A3WMY25AP						
				A3LCY10F1		A3LCY15F1		A3LCY20F1		A3LCY25F1		A3LCY25F2						
Nominal cooling capacity			BTU/h		9700 (3,700-11,600)		12100 (4,000-13,000)		19000 (6,000-21,200)		22500 (6,600-24,500)		24000 (6,600-24,500)					
			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)		7.03 (1.93-7.18)					
Nominal Total Input Power			W		740 (260-1200)		980 (280-1250)		1590 (420-2200)		1790 (380-2300)		1965 (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)		8.61 (2.40 - 10.09)					
EER			Btu/hr/W		13.11		12.35		11.94		12.57		12.21					
			W/W		3.84		3.62		3.50		3.68		3.68					
CSPF			Wh/Wh		5.60		5.60		5.60		6.30		6.00					
Power Supply					220V / 1 / 50Hz													
MEP's Value					5 STARS													
Indoor unit					Control		Air Discharge		LCD REMOTE CONTROL									
							Air Discharge		AUTOMATIC LOUVER (UP & DOWN / LEFT & RIGHT)									
					Airflow		Turbo		l/s(CFM)		410 (869)		420 (890)		450 (953)		720 (1526)	
							High		l/s(CFM)		380 (805)		400 (848)		430 (911)		640 (1356)	
							Medium		l/s(CFM)		310 (657)		330 (699)		360 (763)		560 (1187)	
							Low		l/s(CFM)		230 (487)		250 (530)		290 (614)		480 (1017)	
							Quiet		l/s(CFM)		190 (403)		200 (424)		260 (551)		360 (763)	
					Sound Pressure Level			dBA		38/33/26/19		39/34/26/21		40/38/32/29		43/41/36/29		
					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)		
Outdoor unit					Airflow		l/s(CFM)		930		840		1310		1310		1390	
					Sound Pressure Level		dBA		45		46		49		50		50	
					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)				1002 (39.45)			
							Depth		mm(in)		363 (14.29)				419 (16.50)			
					Unit Weight			kg(lb)		24 (52.91)		26 (57.32)		37 (81.57)				
Piping Connection					Gas		mm		9.52 (3/8)				12.70 (1/2)					
					Liquid		mm		6.35 (1/2)									
Refrigerant Type					R32													

\*MEP's = Minimum Energy Performance Standard

1. All specifications are subject 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.
4. Units are tested & complied to international standards such as ISO 5151.

SIRIM Certified







**ACSON MALAYSIA SALES & SERVICE SDN.BHD.** (129688-D)

*a member of DAIKIN group*

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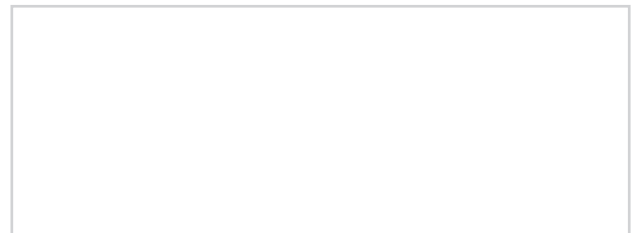
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