

# Viento

Wall Mounted Series



**My**ECO  
R32

*Inverter* WiFi













**Viento** Inverter Series

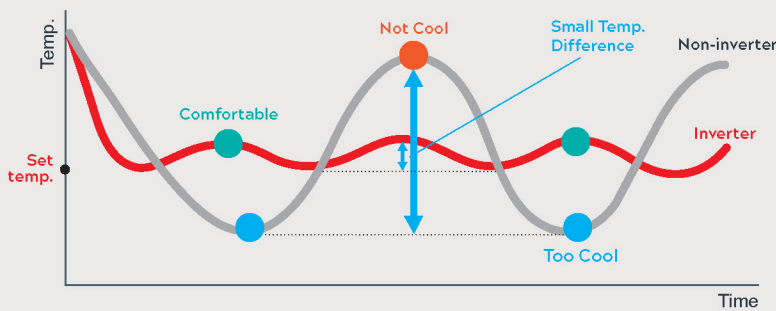
**Model:**  
A3WMY10EF - A3WMY25EF

**Cooling Capacity:**  
9,000 - 24,000 BTU/h

**Power Input:**  
0.89 - 2.16 kW

Horse Power (HP)	1.0	1.5	2.0	2.5
<b>VIENTO Series</b>	<b>Indoor Unit</b>			
	A3WMY10EF	A3WMY15EF	A3WMY20EF	A3WMY25EF
				
	<b>Outdoor Unit</b>			
	A3LCY10E	A3LCY15E	A3LCY20E	A3LCY25E
				

Temperature Fluctuation During Cooling Operation



Inverter technology empowers Acson inverter air conditioners to precisely control compressor speed by electronically adjusting voltage, current, and frequency based on sensor feedback. This ensures optimal management of compressor revolution speed, resulting in minimal temperature fluctuations during the cooling process.



## Energy Efficiency

Unlike non-inverter units that operate on an ON/OFF cycle, inverter units can run at lower capacities once the set temperature is reached, effectively reducing power consumption. This variable operation results in lower electricity usage and significant energy savings over time.

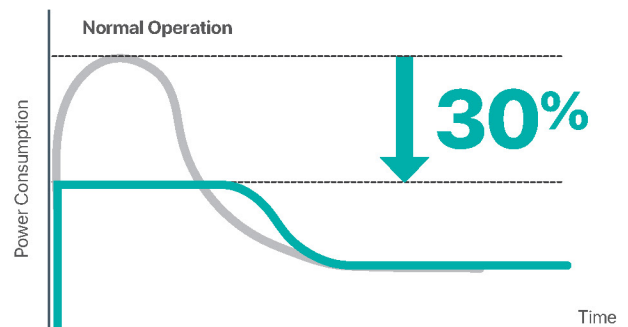


## Comfortable

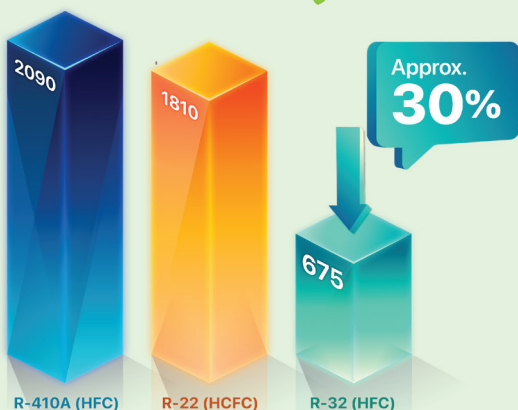
Acson inverter system flexibly adjusts capacity to match cooling needs, maintaining a steady temperature by minimizing deviations from the set point. This ensures optimal comfort levels, ideal for uninterrupted sleep.

## Intelligent Savings Save Mode

Save Mode is an intelligent feature designed to optimize energy consumption while meeting essential human comfort needs. Activating Save Mode reduces maximum operating current and power consumption by 30% through compressor frequency limitation.



\*Maximum capacity decreases during Save Mode, requiring more time to reach the set temperature.



## R32 Refrigerant Greenery Refrigerant

Acson MyEco features the eco-friendly R32 refrigerant, known for its minimal environmental impact. With zero Ozone Depletion Potential and up to 30% lower Global Warming Potential compared to R410A and R22, it significantly contributes to combating climate change.



Better Environmental Properties



Better Performance



Economic Efficiency

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



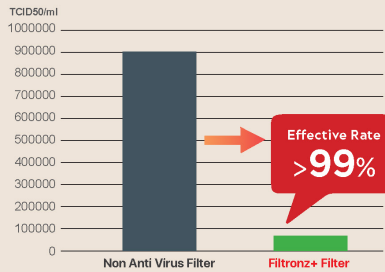
## Filtronz+ Filter

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



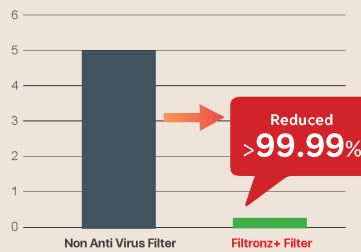
### Decomposition of Viruses

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



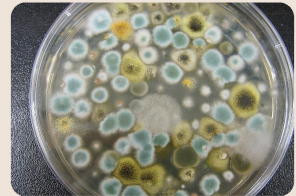
### Reduction of Bacteria

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



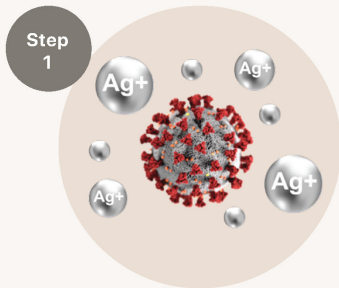
### Reduction of Fungus

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

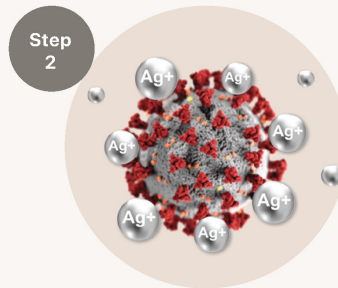


\*Image is for illustration purposes

## How Filtronz+ Filter works?



Silver ions (Ag<sup>+</sup>) on the filter absorb virus to the filter surface



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



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

#### Test Measuring Method:

Textiles- 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)

# Indoor Coil Maintenance with **iClean+ & iClean**



**\*Activated via MY Acson  
Mobile Apps only.**

## **iClean+**

### **iClean+**

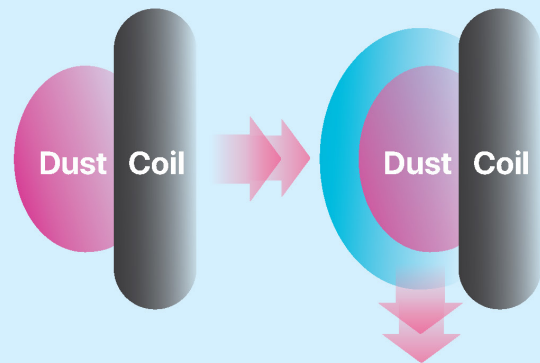
iClean+ is a Acson patented technology where indoor cooling coil of the air conditioner is cleaned by dew condensation technology to remove attached dust or mold partially on it.



## **iClean**

### **iClean**

iClean is a new feature which will automatically dried the indoor cooling coil to prevent mold & bacteria growth.



By utilizing this iClean+ & iClean features, it able to improve indoor environment quality and maintain the performance of air conditioner. **\*Activated via MY Acson Mobile Apps only.**

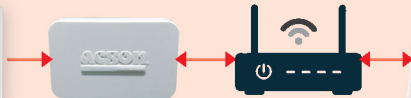


# MY Acson, MY Control

**Viento series** is equipped with the Acson Wi-Fi Adapter, which connects to your Wi-Fi router and enables you to control air conditioner settings from your mobile device.



Acson Wifi Adapter, AWM01A01



## 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 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.

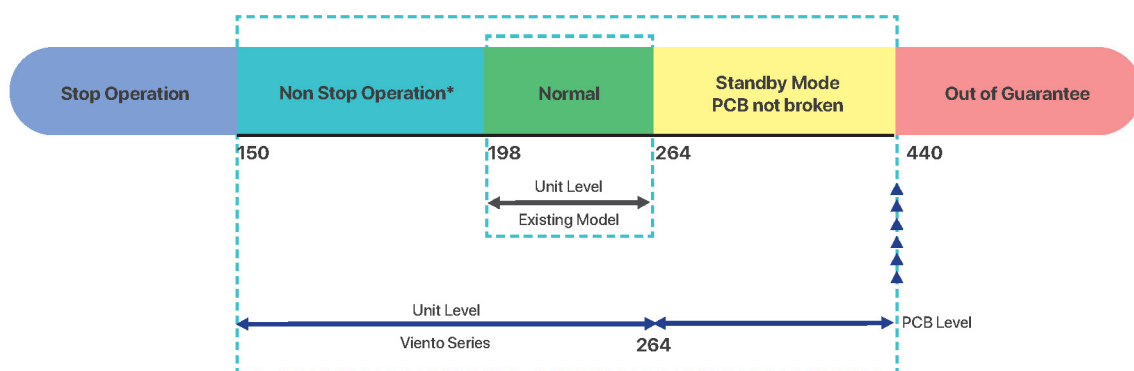
**MY Energy-Efficient**

- Monitor and track energy consumption for better budget planning

\*subject to applicable model

## ULTRA Printed Circuit Board (PCB)

Acson's Ultra PCB is specially strengthened to withstand voltage fluctuations, allowing it to operate across a wide range of voltages, even in areas with an unstable power supply. With the new Ultra PCB, our Viento series air conditioner units can seamlessly operate from 150V to 264V and withstand voltage fluctuations from 0V to 440V.







## Anti Corrossion Blue Fin

This anti-corrosion blue fin acts as a protective coating on the fins, extending the unit's lifespan. The condenser coil resists corrosion, rust, and rain, maintaining optimal cooling performance. Proven to meet the JIS Z 2371 Standard Salt Spray test, it ensures reliable operation in harsh conditions.

Normal Fin 240 HOURS

Acson Blue Fin 1500 HOURS

# SPECIFICATION

Model	Indoor Unit		A3WMY10EF	A3WMY15EF	A3WMY20EF	A3WMY25EF	
	Outdoor Unit		A3LCY10E	A3LCY15E	A3LCY20E	A3LCY25E	
Nominal Cooling Capacity	BTU/h		9,000 (3,500-9,200)	12,300 (4,100-12,800)	18,000 (5,200-18,500)	24,000 (6,600-24,500)	
	kW		2.64 (1.03 - 2.70)	3.60 (1.20 - 3.75)	5.28 (1.52 - 5.42)	7.03 (1.93 - 7.18)	
Nominal Total Input Power	W		890	1,245	2,130	2,160	
Nominal Running Current	A		4.00	5.52	9.34	9.49	
EER	W/W		2.96	2.90	2.48	3.25	
CSPF	Wh/Wh		4.2	4.2	4.2	4.2	
Power Supply	V/Ph/Hz		220 - 240/1/50				
MEPS RATING							
Indoor Unit	Control	WiFi Control		Built In			
		Operation		LCD Remote Control/WiFi Control			
		Air Discharge		Automatic Louver (Up & Down)			
	Air Flow	Turbo	l/s(CFM)	165 (350)	170 (360)	212 (450)	340 (720)
		High	l/s(CFM)	160 (340)	165 (350)	203 (430)	302 (640)
		Medium	l/s(CFM)	123 (260)	132 (280)	179 (380)	264 (560)
		Low	l/s(CFM)	97 (205)	104 (220)	137 (290)	227 (480)
		Quiet	l/s(CFM)	71 (150)	78 (165)	123 (260)	170 (360)
	Sound Pressure Level (H/M/L/Q)		dBA	39/33/26/21	40/35/28/23	42/39/32/29	43/41/36/30
	Unit Dimension	Height	mm(in)	280 (11.02)	280 (11.02)	288 (11.32)	297 (11.68)
		Width	mm(in)	730 (28.74)	730 (28.74)	770 (30.27)	990 (38.92)
		Depth	mm(in)	213 (8.39)	213 (8.39)	234 (9.20)	273 (10.73)
	Packaging Dimension	Height	mm(in)	293 (11.54)	293 (11.54)	314 (12.36)	371 (14.61)
		Width	mm(in)	796 (31.34)	796 (31.34)	830 (32.68)	1073 (42.24)
		Depth	mm(in)	360 (14.17)	360 (14.17)	357(14.06)	375 (14.76)
Unit Weight		kg(lb)	8 (17.64)	8.5 (18.74)	9.5 (20.94)	13.0 (28.66)	
Condensation Drain Size		mm(in)	19.05				
Air Flow	l/s(CFM)		380 (805)	519 (1100)	769 (1630)	656 (1390)	
Sound Pressure Level (H/M/L/Q)		dBA	48	48	52	52	
Unit Dimension	Height	mm(in)	460 (18.11)	550 (21.65)	615 (24.21)	615 (24.21)	
	Width	mm(in)	650 (25.59)	675 (26.57)	845 (33.27)	845 (33.27)	
	Depth	mm(in)	240 (9.45)	284 (11.18)	300 (11.81)	300 (11.81)	
Packaging Dimension	Height	mm(in)	515 (20.28)	610 (24.02)	679 (26.73)	679 (26.73)	
	Width	mm(in)	790 (31.10)	801 (31.54)	992 (39.06)	992 (39.06)	
	Depth	mm(in)	345 (13.58)	384 (15.11)	414 (16.30)	414 (16.30)	
Unit Weight		kg(lb)	17 (37.48)	22 (48.50)	33 (72.75)	37(81.57)	
Fin Spec		Anti Corrosion Blue Fin					
Pipe Connection	Liquid	mm(in)	6.4 (1/4)				
	Gas	mm(in)	9.5 (3/8)	9.5 (3/8)	12.7 (1/2)	12.7 (1/2)	
Maximum Piping Length		m	20	20	30	30	
Maximum Piping Height		m	15	15	20	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.

\*Applicable during promotion period 1st April 2024 to 31st March 2026.

**ACSON.**  
International  
Air Conditioners

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a member of **DAIKIN** group

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