



ENJOY FAMILY
TIME ALL SEASONS

UVC Function

Unity Edition

Mid-Wall Split Airconditioner
www.sirair.co.za





3 D Cool Technology

Three direction air inlet, enlarges the air circulation area to ensure faster cooling and heating.




TECHNICAL SPECIFICATIONS FOR SIRAIR [INVERTER TYPE]

Factory Model		9000BTU	12000BTU	18000BTU	24000BTU		
Panel		OD	OD	OD	OD		
Power supply	Ph-V-Hz	220-240V/50HZ	220-240V/50HZ	220-240V/50HZ	220-240V/50HZ		
Type		Split	Split	Split	Split		
Power Supply Mode		Indoor	Indoor	Indoor	Indoor		
Control type		Remote	Remote	Remote	Remote		
Cooling	Capacity	W/h	2636	3517	5275	7034	
	Power Input	W	870	1160	1750	2330	
	EER	W/W	3.03	3.03	3.01	3.02	
Heating	Capacity	W/h	2931	3810	5422	7181	
	Power Input	W	850	1110	1630	2100	
	COP	W/W	3.45	3.43	3.33	3.42	
Moisture removal		L/h	1	1.8	1.8	1.8	
Max. input consumption		W	1175	1572	2350	3113	
Max. current		A	5.45	7.29	10.90	14.44	
Compressor	Type		Rotary	Rotary	Rotary	Rotary	
	Brand		Sanjo	Sanjo	Highly	GMCC	
	Capacity	W	2890	3450	5650	6070	
	Input	W	655	835/780	1270	1680	
	Rated current(RLA)	A	2.5	2.6/2.8	4.65	5.95	
Indoor Unit	Brand		Welling/Broad-Ocean/LF	Welling/Broad-Ocean/LF	Welling/Tongde/Broad-Ocean/LF	Welling/Tongde	
	Indoor fan motor	Power output	watts	15	15	25	45
		Capacitor	uF	12	12	2	3
		Motor speed (TU/HI/MI/LR)	RPM	1320	1320	1250	1280
	Fan	Indoor fan Diameter	mm	φ90.4*609	φ90.4*609	φ107.6*708	φ107.6*780
Indoor air flow		m3/5	550/500/450/400	550/500/450/400	820/720/620/52	1200/1050/900/800	
Outdoor unit	Brand		Broad-Ocean/Welling	Welling	Welling	Broad-Ocean/Tongde	
	Outdoor fan motor	output power	Watt	26	28	28	68
		Capacitor	uF	2.5	2.5	2.5	4
		Motor speed	Rpm	860	880	880	880
	Fan	Diameter	mm	φ355*138	φ401*114	φ401*114	φ496*139
	No. of Blade	Pieces	3	3	3	3	
Noise level		dB(A)	50	52	52	56	
Refrigerant type			R410A	R410A	R410A	R410A	
Refrigerant charge		Kg	0.68	0.94	1.37	1.67	
Refrigerant pipe	Liquid side	mm	6	6	6	9.52	
	Gas side	mm	9.52	9.52	12	15.88	
	Max. refrigerant pipe length	m	9	12	12	15	
	Max. difference in level	m	8	8	8	8	





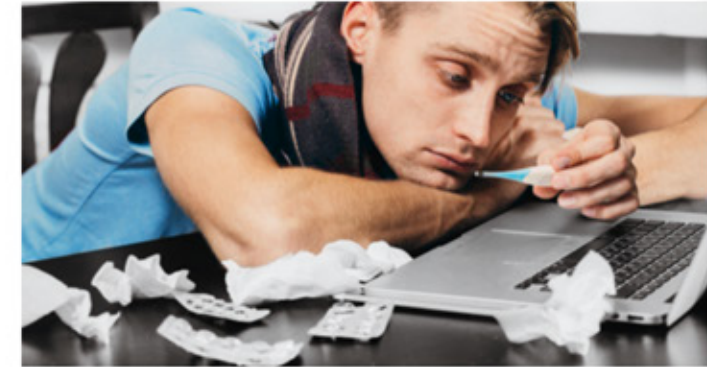
Air Quality Expert



Are you bothered by billions of
invisible viruses and bacteria?



◀ Daily household cleaning and sterilization are not done.



▶ Bacteria and viruses often directly lead to our sickness.



▲ The airborne virus could cause cross infections.

Disadvantages of common sterilization methods.



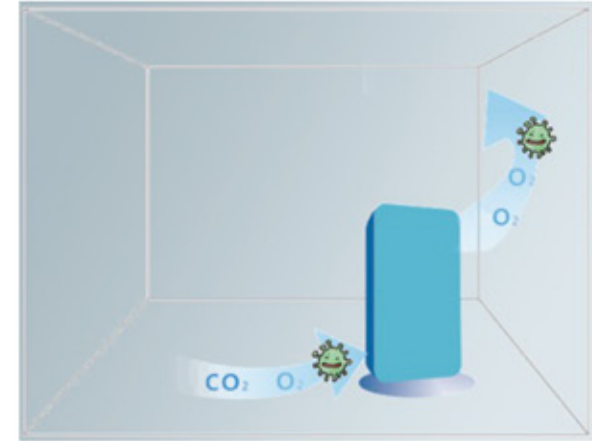
Bare UV light

This could burn our skin, and it is not very effective if the corners or remote areas are covered with something.



O₃ Sterilizer

The gas is harmful to our body.



Air purifier

Only absorbs the bacteria or virus, but can hardly destroy the bacteria.

Sirair AC Comptehensively
care about your
family.

UVC | 58°C Self-clean | Mildew proof | Anti virus filter

PART 1

UVC



Sirair Sterilization AC

Our Advantages



Safe and reliable operation

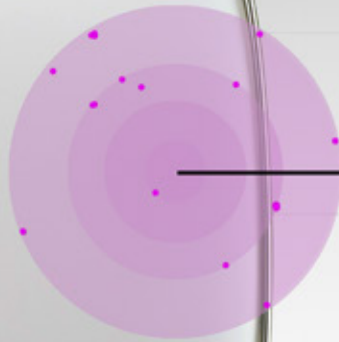


Dynamic sterilization with high efficiency



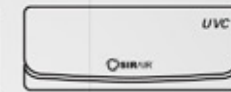
99.2%

Sterilization rate reach to **99.2%**



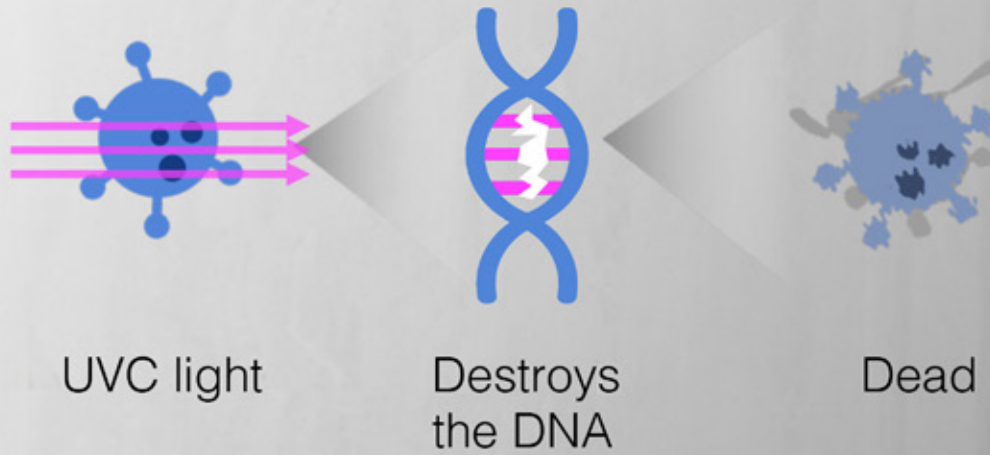
Built-in **UVC**

UVC




Sirair Sterilization AC

UVC working theory





• Button start 

• Long service life, **30,000 hours**.

• 3rd Generation UVC LED, 30° working angle, powerful light gathering, enhances the sterilization rate to 200%

1st generation : 100mm length with 120° angle.

2nd generation : 200mm length with 60° angle.

3rd generation : 400mm length with 30° angle.

PART 2

58°C
Self-clean | 

Sirair Sterilization AC

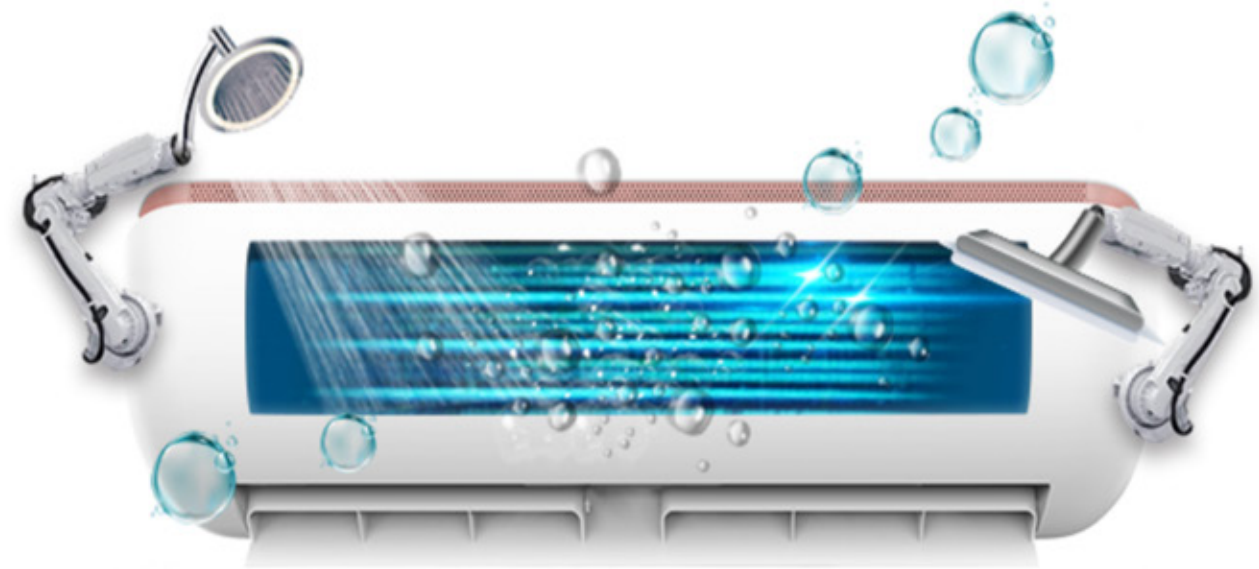
Our Advantages

58°C

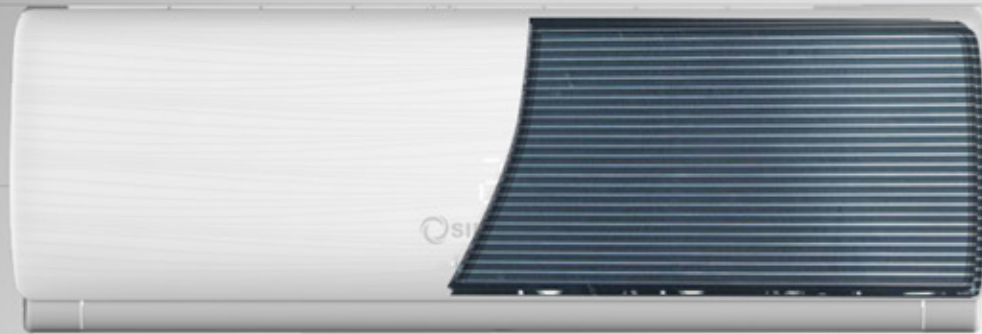
58°C high temperature
self-cleaning



Available for cooling only
system also.



58°C
Self-clean



Frosting ✓

heating ✓

melting ✓

Fast drying with 58°C ✓

When self clean function is on, the temperature of evaporator drops down sharply and soon the frost and ice are generated. Then turbo heating is on with the temperature up to 50 degree to melt the ice and dry the water. All the dusts are removed and bacteria is sterilized.

This process is for heat pump system only.

PART 3

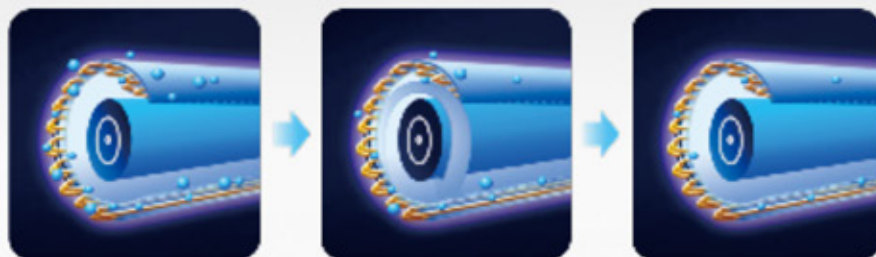
*Mildew
proof*



Sirair Sterilization AC

Mildew proof

When the air conditioner is turned off, the fan will continue to work for **3 minutes** and thus will keep the unit from mildew.



PART 4

*Healthy
function
filters*



Sirair Sterilization AC

NEW

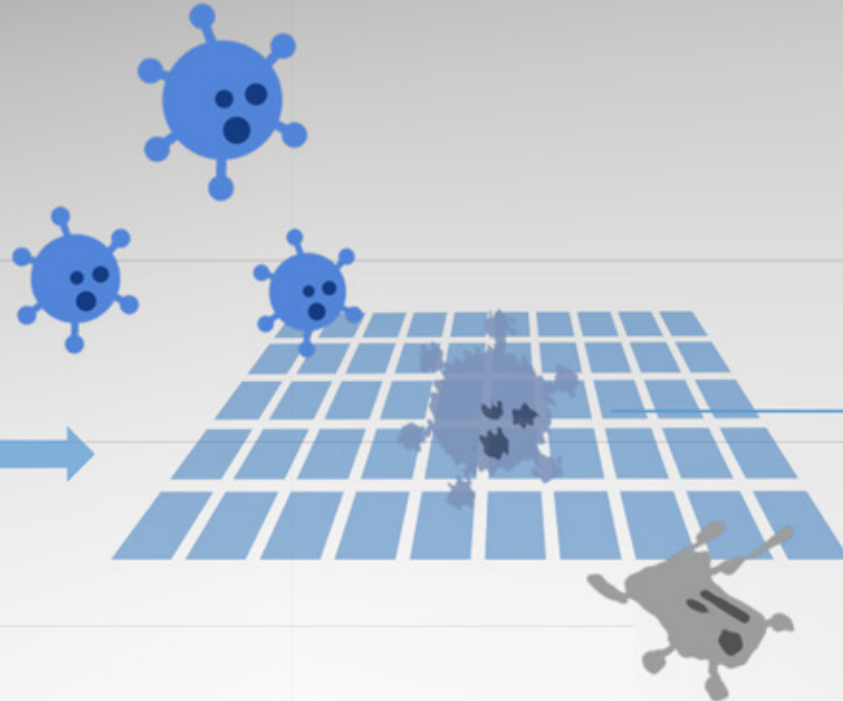
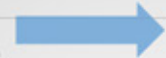
Anti virus filter

Silver ion

Cupric ion +

Ion carrier

Zinc ion



Protein
denaturation

Inactivate
the virus

Our Advantages

- Nanometer level, permeable and built in to destroy the structure of DNA and RNA.
- Denaturing the protein.



Engineered for Comfort

Air Quality Expert

www.sirair.co.za



Thanks!

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