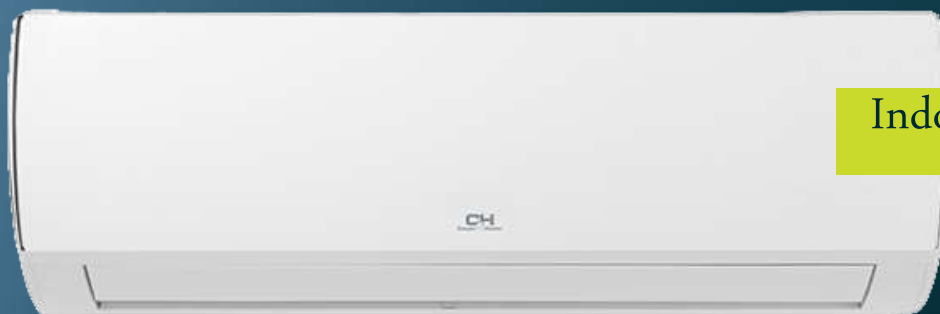


A nighttime photograph of a city skyline, likely Hong Kong, featuring several illuminated skyscrapers. The foreground shows a wooden boardwalk. The text is overlaid on the image.

SPLIT AIR CONDITIONER WITH HEAT PUMP

VERITAS SERIES

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Indoor Unit



Outdoor Unit



Remote Control

VERITAS SERIES

INDOOR UNIT



VERITAS SERIES



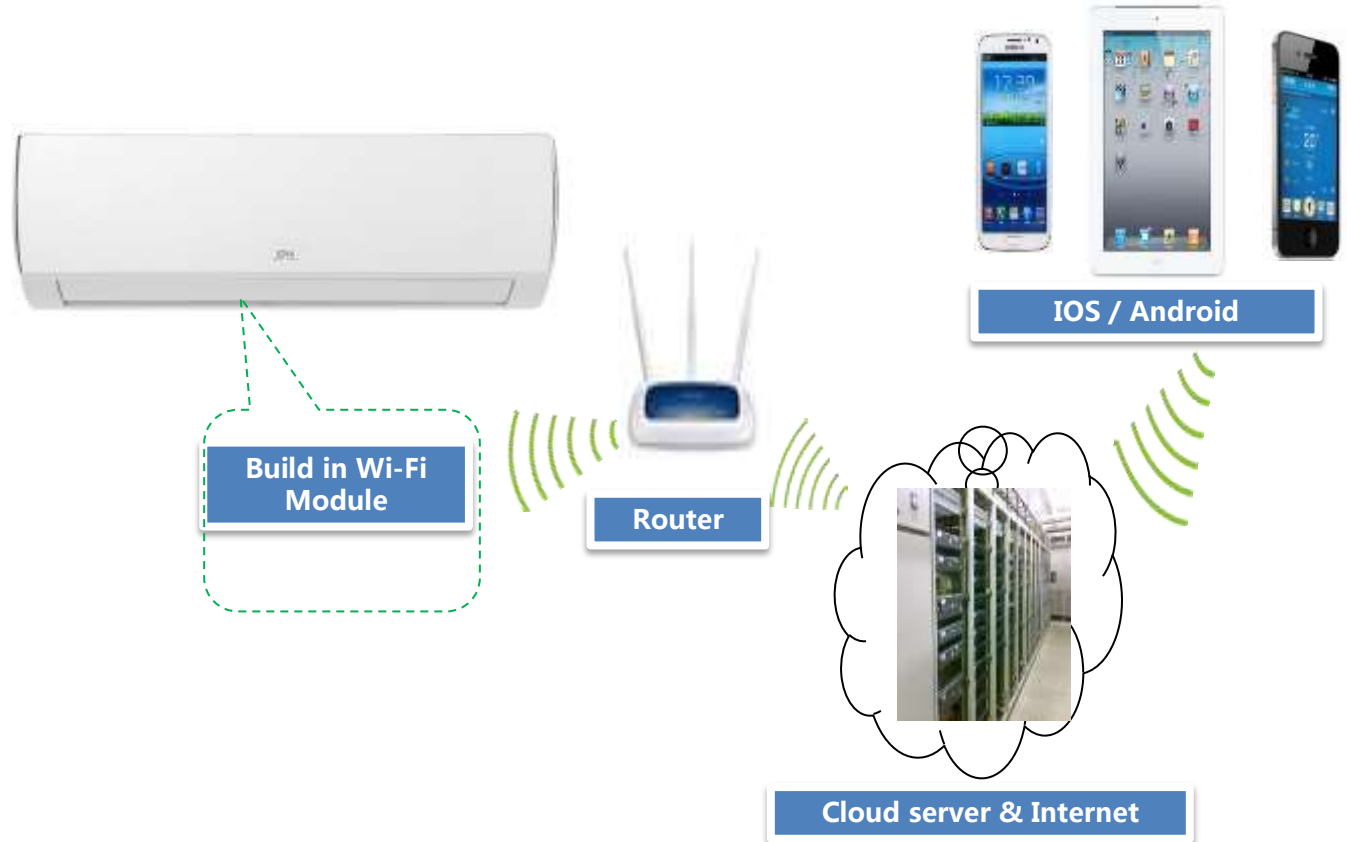
OUTDOOR UNIT



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Wi-Fi
Control



The ability to control the air conditioning via Wi-Fi module

VERITAS SERIES



Extremely low frequency of compressor rotation

- Accurate temperature control
- Saves up to 40% of the electric power supply



Refrigerant R410A

- Ozone-safe
- Effective cooling



Strain automatic adjustment (150-265 V)

- Stable work at power supply voltage swing
- Avoidance of damage



Modern high-speed microprocessor

- High functional control
- Effective control of parameters



Noiseless operation

- from 25 dB in the room
- Provides quiet and comfort



Performance reliability

- Quality control at all production stages
- Perfect characteristics and high capacity



Strict temperature control

- Accuracy in the air temperature control up to 0,1°C
- Control of the specified parameters



Turbo mode

- High-speed achievement of the necessary temperature
- Quick cooling and space heating



Continuous operation

- Operates in the modes from maximum to minimum without the turn off
- Saves the electric energy



Technical Data

Capacity	Cold/Warm	kW	2.60(0.44-3.00)/2.80 (0.60-3.20)	3.50 (0.60-3.60)/3.60 (0.60-3.80)	5.0(0.65-5.20)/5.30(0.70-5.28)	6.70(2.00-8.20)/7.25(2.00-8.50)
Electric power supply			- 220-240V/50Hz/1Ph			
Rated input	Cold/Warm	kW	0.718(0.12-1.30)/0.733(0.12-1.40)	0.972(0.12-1.40)/0.942(0.12-1.50)	1.43(0.15-1.86)/1.38(0.16-1.68)	1.875(0.40-3.70)/1.945(0.45-3.80)
Energy performance	EER (Cold)/ C.O.P.(Warm)	kW/kW	3.62/3.82	3.60/3.82	3.50/3.84	3.57/3.73
SEER*/SCOP** (energy performance class)			6.1(A++)/4.6(A++)	6.1(A++)/4.6(A++)	6.1(A++)/4.6(A++)	6.3(A++)/4.6(A++)
Air productive capacity			210/320/370/480	290/410/480/560	520/610/720/850	850/950/1000/1100
Sound-pressure level	indoor unitave/ max outdoor unit	dB(A)	23/26/35/38 49	24/28/37/40 51	28/33/39/44 54	30/33/40/45 60
Type of refrigerant coolant			R410A			
Dimensions (width/height/depth)	indoor unit/outdoor unit	mm	790x275x200/776x540x320	790x275x200/842x596x320	970x300x224/842x596x320	1078x325x246/963x700x396
Weight	indoor unit/outdoor	kg	9/26.5	9/31	13.5/33.5	17/53
Compressor type			rotor	rotor	rotor	rotor
Drainage		l/h	0.8	1.4	1.8	2.0
Operational temperature range cooling		°C	-24/+48			
Operational temperature range heating		°C	-15/+24			
Gas charge volume		kg	0.7	0.85	1.2	1.9
Liquid pipeline diameter		mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipeline diameter		mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	15.88/5/8"
Maximum pipeline level difference		m	10	10	10	10
Pipeline maximum length		m	15	20	20	25
Distance between the bolts of the outdoor unit fastening		mm	510	540	540	560
Power supply			Outdoor unit			

* SEER - Seasonal Energy Efficient Rating in the cooling mode. ** SCOP - seasonal system capacity ratio in the heating mode.

VERITAS SERIES



- **CH 7-SKY Technology**

- [The unique technology of CH 7-SKY means the seven air purification steps:](#)
- **Combine three filters from six different types including ANTI-bacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter, photocatalytic and vitamin C filter to meet your various needs simultaneously.**

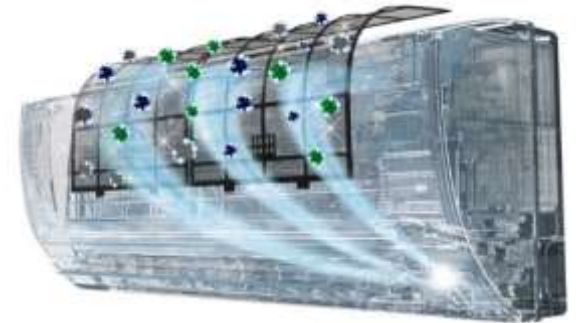
Such a function does not exist in any unit, but because of this the air will be cleaned from dust and other harmful particles and from the unpleasant smell and bacteria too.





ANTI-bacterium filter

removes pathogenic bacteria and viruses from air. Neutralization of bacteria is produced by two most proliferation actions. The first one - is the destruction of the protein coat. As a result is the death of bacteria or virus. The second method is influence on viruses and bacteria by negatively charged ions. In the result of interaction of the anions with bacteria cells, insoluble compounds are formed. They are more harder than air and its impossible to them to float in the air.

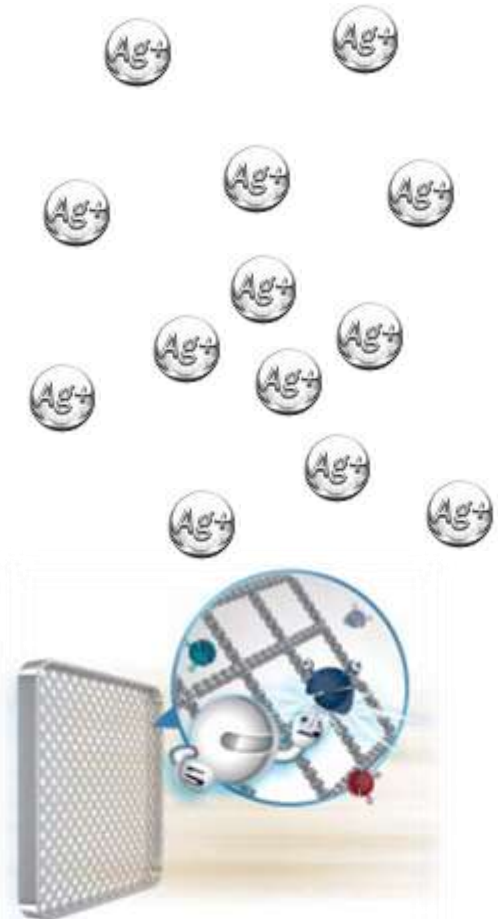




CH SMART-ION

Filter with silver ions

The filter has a coating that contains silver ions. They are known for their antiseptic properties. The silver ions neutralize the different microorganisms, kill and significantly reduce the activity of bacteria, viruses, fungi and destroy their internal structure, provides continuous and highly efficient cleaning. The filter cleans the air and prevents the growth of microorganisms in the room, on the filters of air conditioners, making air clean and healthy.





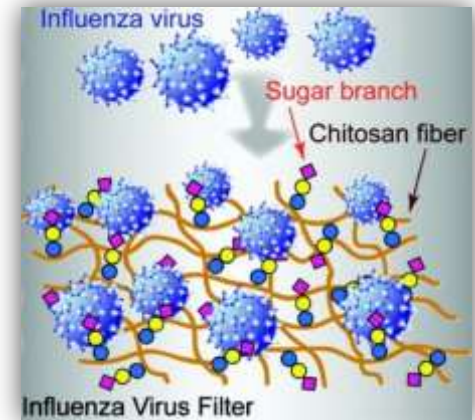
Catechin filter – the filter effectively attracts small particles of dust, invisible mold spores, and harmful microorganisms, preventing their further growth and proliferation because it contained polyphenols. It guarantees clean air.





• Chitin filter

- Chitin filters in air conditioners Veritas series has antimicrobial activity. Chitin is composed of chitosan, as a basis, and carbohydrates, as a "catcher" of viruses. Chitosan is known to be a part of the exoskeleton crayfish and crabs and has extremely durable properties. Its molecules are capable to form highly-ordered supramolecular structures. That's why our chemists have created the basis of this new material from chitosan - because of its molecules, they got an excellent "grid" for microbes and viruses catching. And on this chitosan basis, scientists layed a coating of carbohydrates, on which adhere gemagglyutein "spikes" of various viruses. Furthermore, chitosan does antimicrobial activity, so that new material not only destroys the virus infection and and bacterial too.





- **Vitamin C filter**



We developed a new filter, saturating the air with vitamin C. The filter is made of emissive material of vitamin C. Passing through the filter, the air is saturated with vitamins and an in the hour later, during the air conditioner operation, concentration reaches the necessary level for the normal human activity. Vitamin C enters the body in the molecular condition, which provides total absorption of it by body. The new filter, with vitamin C, used in air conditioners Veritas, not completely replace the intake of vitamin in food form, but as an additional source, it is unique!





- **Formaldehyde beater filter**

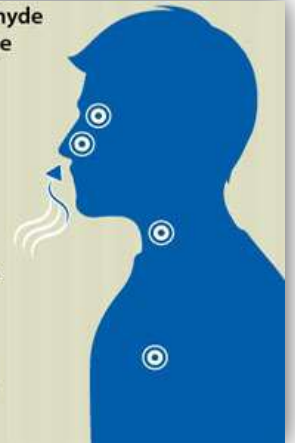
- Simple filters, even the best ones, will not remove formaldehyde from the air – it is too small. The only available filter that will reduce formaldehyde levels is a formaldehyde beater filter. It uses the small carbon pellets that have molecule-sized holes, cracks, and crannies in them. Chemicals like formaldehyde (and other organic gases) are absorbed on the surfaces of these pellets. Because the formaldehyde beater filter is pitted and extremely porous, it presents a huge surface area that chemicals can absorb onto.

Exposure to formaldehyde in the home can irritate

- Eyes
- Nose
- Throat
- Skin

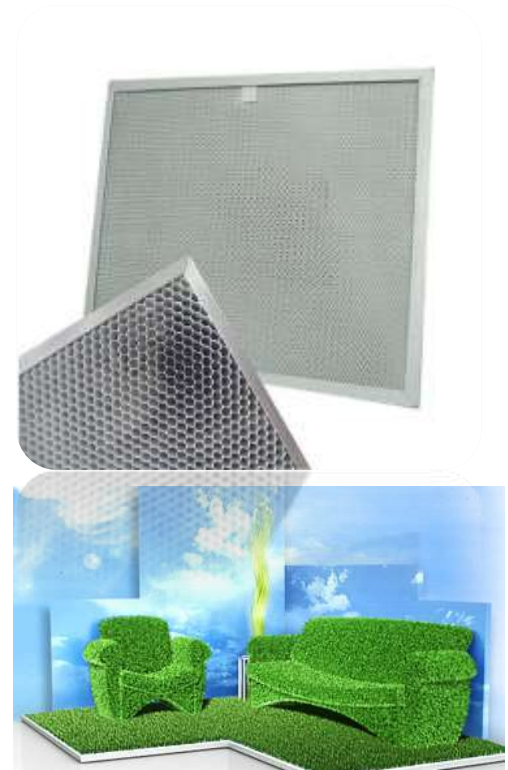
It can also increase breathing problems for people with health conditions like

- Asthma
- Chronic obstructive pulmonary disorder (COPD)





- **Photocatalytic filter**
- Photocatalytic air filter can annihilate not only impurity but also the smells and harmful chemical impurities such as nicotine and tobacco tar.
- Moreover, the photocatalytic air filter is effective in decontaminating the air. The action of photocatalysts is pernicious not only for the dead organic matter, but also for alive - bacteria, fungal spores and even viruses, against which conventional filters are virtually useless.





VERITAS SERIES



Thank You!

