

a-king

ST33 Nano Composite Filter Cartridge

668-CRT

Dual-Action Structure, Superior Purification



Dual Antibacterial Protection

Nano silver granular activated carbon and carbon block provide dual antibacterial filtration.



Efficient Chlorine Reduction

Highly porous granular activated carbon powerfully adsorbs residual chlorine in water.



Better Taste

Removes chemical odors and ensures sweet-tasting drinking water.



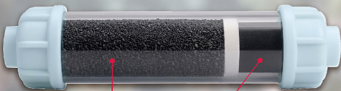
Advanced Filtration Technology

Combines granular carbon and carbon block technology for more thorough filtration.



Filter Overview

Featuring an innovative dual-action structure, this filter cartridge combines nano silver activated carbon with a high-quality carbon block to effectively and steadily remove chemical odors and bacteria from water, providing advanced protection for healthy drinking water.



Front: Nano Silver Antibacterial Activated Carbon

Large-area initial contact with water flow quickly adsorbs odors while releasing silver ions for antibacterial action.

+

Rear: Nano Silver Antibacterial Activated Carbon Block CTO

High-density compressed carbon block provides deep interception of tiny impurities to ensure cleaner water quality.

Max. Flow Rate	1.5L~3.0L/min
Max. Pressure	125 PSI
Max. Temperature	4~40°C (39.2~104°F)
Total Capacity	10 months or 3000 Gal

Small T33 nano silver composite filter cartridge(668-CRT)



RO reverse osmosis water purifier does not need to be boiled. With "nano silver composite filter cartridge (Small T)", it can be immediately upgraded to a raw drink machine.



668-CRT



ANCHORAGE NANO SILVER ACTIVATED CARBON

Small T33 nano silver composite filter cartridge_668-CRT

Functions Of Purification And Antibacterial

◆ Anchorage Nano Silver Activated Carbon - Granular Carbon -

- ◆ Anchorage nano silver technology is used to implant nano silver into and combine closely with activated carbon. The resulting activated carbon can adsorb organic high molecular substances and inhibit bacteria with a rate up to 99.9%.
- ◆ The antibacterial function is enhanced by 200 times or more relative to which of silver and silver-added/loaded activated carbon.
- ◆ Tens of times better antibacterial function than chlorine sterilized tap water.
- ◆ Inhibiting more than 650 kinds of bacteria, long-lasting antibacterial function, helps to extend the life of RO membrane.
- ◆ Made in Taiwan with good quality control.

Functions Of Purification, Antibacterial And Avoid Water Bypass

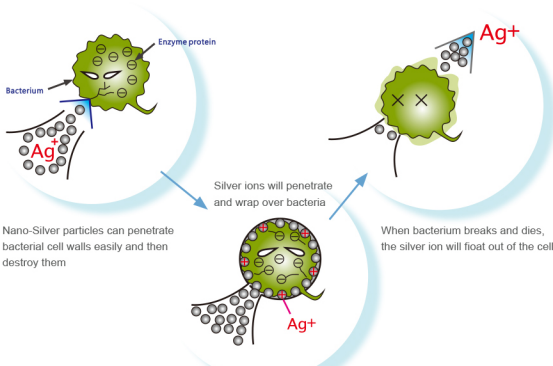
◆ Anchorage Nano Silver Activated Carbon - CTO Carbon Block -

- ◆ Anchorage Nano Silver Activated Carbon (CTO) is made of anchorage nano silver activated carbon - granular carbon, which is processed by die-casting, filter fineness is 3-5 MICRON.
- ◆ It can filter out the odor in water, pesticide residues, volatile organic compounds, chemical elements (such as chlorine, chloroform...etc.), can inhibit bacterial growth, and completely eliminate bacteria in water.



Sterilization principle of nanosilver activated carbon

Nano Silver filter can eliminate chloride, odors, pesticide residue toxic, Chemical elements, heavy metals...etc. Furthermore, it releases strong energy to destroy bacteria enzyme protein, then let the bacteria die.



SGS test report that allows you to drink with peace of mind

Passed multiple SGS tests (sterilization, organochlorine pesticide test, organophosphorus pesticide test, chemical element test) inspection and certification

SGS Report For Organic Chloride Pesticide

Test Item	Unit	Before processing	After processing	Elimination ratio
Lindane	mg/L	0.0719	ND<0.00003	>99.9%
Heptachlor	mg/L	0.0135	ND<0.00003	>99.8%
Aldrin	mg/L	0.00904	ND<0.00008	>99.1%
Endosulfan	mg/L	0.0376	ND<0.00003	>99.9%
Dieldrin	mg/L	0.0258	ND<0.00003	>99.9%
Endrin	mg/L	0.0252	ND<0.00004	>99.8%
o,p'-DDT	mg/L	0.00821	ND<0.00003	>99.6%

SGS Report Of Anti-bacterial Test

Test Item (Unit)	Sample No : FX2019/0015006		Elimination ratio(%)
	Before processing	After processing	
Coliform (CFU/100mL)	6.2x10 ⁷	<1	>99.9
Total Plate Count (CFU/mL)	5.8x10 ⁷	<5	>99.9
Staphylococcus aureus (CFU/mL)	4.7x10 ⁷	<5	>99.9

SGS Test Report For Chemical Elements

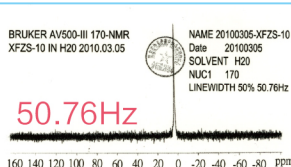
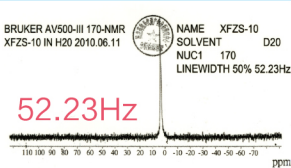
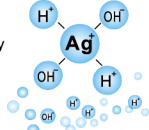
Test Item	Unit	Sample No : 09780209-4		Test method	Drinking water size
		Before processing	After processing		
Total residual chlorine	Test Unit	0.34(mg/L)	0.01		
Free available residual chlorine	mg/L	2.0	ND<0.41(mg/L)	NIEA W 408.50A	0.2-1.5
Combined available residual chlorine	0.5 (mg/L)	0.5	ND<0.41(mg/L)	NIEA W 408.50A	>1.5

Test Item	Unit	Before processing	After processing	Elimination ratio
Anionic surface active agents	mg/L	5.24	0.06	98.9%
Chlorine	mg/L	279	0.7	99.5%
Fluoride	mg/L	5.17	0.09	98.3%
Nitrate	mg/L	5.08	0.27	94.7%
Ammonia nitrogen	mg/L	1.31	0.02	98.5%
Odour	T.O.N	64	<1	98.4%
Cyanide	mg/L	0.288	ND<0.003	99.0%

Introduction to multiple functions

Small water molecule

Easily absorbed by human body.



Negative ion water

Anion water, to sterilize and remove odors.

Anion water

Test No : (2009) WT-HW-509			
Test Item(Units)	Standards	Test results	Individual assessment
Anion concentration(one/cm ³)	/	6750	/

Far Infrared Ray

Far infrared can resonance with human cells, which helps to boost metabolism.

Report No : WT-HW-671			
Test Item(Units)	Standards	Test results	Individual assessment
Infrared emissivity	/	0.96	/
Firing rate to the whole law	≥0.80	0.87	Qualified

Product name: Nano silver composite filter cartridge (668-CRT)
 Maximum flow rate: 75GPM
 Applicable temperature: 0~40°C
 Suitable for water pressure: 125PSI
 Filterable water capacity: 2000 gallons (about 7570 liters)
 (Installed in RO machine for 1 year, general water purifier for 6 to 8 months, depending on local water quality and usage)
 Suitable for installation: can be installed on the fifth channel of RO water purifier or general water purifier

