

a-king

Crown ST33 Nano Silver Impregnated Granular Activated Carbon Filter Cartridge

668-WST



Core Functions, Protective Structure



Virus Inhibition

Actively disrupts structure and blocks reproduction.



Powerful Sterilization

Nano silver ions penetrate cell membranes to eliminate microorganisms.



Water Purification

Physically adsorbs impurities and odors.

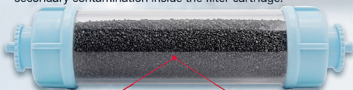


Made in Taiwan

Strict quality control ensures highly stable production.

Filter Introduction

Upgraded from passive interception to active defense, it combines activated carbon adsorption and nano silver ion dual protection to effectively eliminate the risk of secondary contamination inside the filter cartridge.



**Physical Protection:
Activated Carbon Adsorption**
Intercepts large-particle impurities and adsorbs chemical substances such as chlorine and odors.

**Biological Defense:
Nano Silver Ions**
Releases Ag⁺ ions to penetrate and destroy the outer layer of tiny bacteria and viruses.

+

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

Small T33 nano silver filter cartridge(668-CST)



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.

ANCHORAGE NANO SILVER ACTIVATED CARBON

Small T33 nano silver filter cartridge_668-CST

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 so that the filtered water is ready to drink and is not needed to boil.
- ◆ Long-lasting antibacterial function, helps to extend the life of RO membrane.
- ◆ Made in Taiwan with good quality control.

Nano Silver Eliminates Bacteria

Small Water Particle

Far Infrared

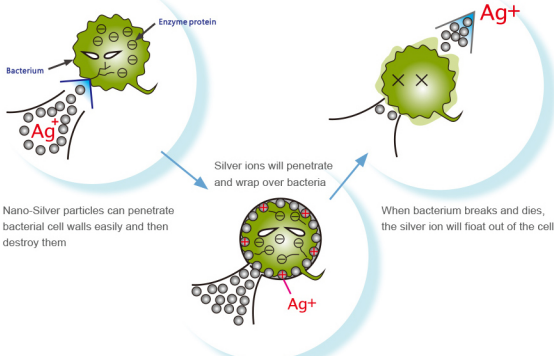
Slightly Alkaline Water

Anion Water

- ◆ Release nano silver ion which can eliminate bacteria instantly.
- ◆ Small water particle: Easy absorption by human body.
- ◆ Aided With Health Benefits of Far Infrared: Far infrared can resonance with human cells, which helps to boost metabolism.
- ◆ pH8, slightly alkaline water: Water of pH8 level can neutralize and rinse acidic toxin inside the human body, helping our body buffer acidity, which can lead to better health and fitness.
- ◆ Anion: Anion water, to sterilize and remove odors.

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%
Dielsrin	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 (Units)	Before processing	After processing	Elimination ratio(%)
Coliform (CFU/100mL)	0.2x10 ³	<1	>99.9
Total Plate Count (CFU/mL)	5.8x10 ³	<5	>99.9
Staphylococcus aureus (CFU/mL)	4.7x10 ³	<5	>99.9

SGS Test Report For Chemical Elements

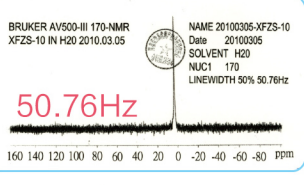
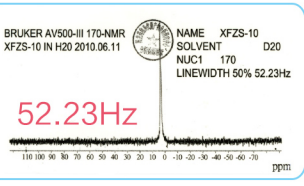
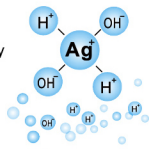
Test Item	Before processing	After processing	Test method	Drinking water rate
Total residual chlorine	Test Unit: 0.34(mg/L)	Test Unit: 0.01		
Free available residual chlorine	2.0 (mg/L)	ND<0.41(mg/L)	NIEA W 408.50A	0.2-1.5
Combined available residual chlorine	0.6 (mg/L)	ND<0.41(mg/L)	NIEA W 408.50A	<1.0

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 eliminations

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

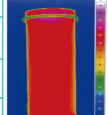
Test Item(Units)	Standards	Test results	Individual assessment
Anion concentration(one/cm ³)	/	6750	/

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: Small T33 nano silver filter cartridge (668-CST)

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

