

www.ctands.co.kr









• How does water get to us?



The truth about the pipe that we often turn a blind eye to.



If you dismantle the pipe of the washstand, you will be surprised. We are exposed to corrosion and residual harmful substances left in old pipes and faucets since we do not clean pipes often.

Q. Is this limited to old houses? Are new houses safer?

More than 50% of domestic plumbing is old as it has been around for more than 10 years

Old pipes are full of foreign substances that could end up in our homes without us noticing it. It may be harmful to skin,

triggering all kinds of skin diseases.





• Major problems we face when using polluted water coming from old plumbing.

Infancy - atopic dermatitis, pruritus



Men's hair loss



Adolescence - acne



Elderly - body odor





E. coli/ Heavy metal/ Bacteria





• Water purifier and shower filter using activated carbon fiber







• What is Activated Carbon Fiber (ACF)?

Porous carbon fiber is made by activating tons of micro pores.

Absorbs 10 times stronger and more than 100 times faster than activated carbon



Carbon (activated) Filter

3000 magnification



Activated Carbon Fiber (ACF)-contained filter

3000 magnification

Classification	Activated Carbon Fiber	Carbon
Pore (pore size)	Nano (1/1000 of carbon)	micron
BET measurement	1,490m²/g	700~900m²/g
bacteria	0	Х
E. coli	0	Х
Heavy metal	0	Х





• Direct purifier filter is a cleaner that filters foreign substance directly

DEFENSE WATER FILTER

Defense water purifier filter



- Mineral water, which tastes better after purification
- Multi-purpose water, used for drinking, cooking, and cleaning.
- Efficient use of sink space and low management cost.
- Less pressure reduction, so massive amounts of water (6-7L per minute) can flow even when water pressure is low.





Water supply facility





Vending machine



Coffee machine





washstand



Highway rest stops

DEFENSE



• Defense purifier filter: assemble the filter that best fits the environment of the region and country where you live.

Defense purifier filter, the most optimized filter system, is a customized product meeting the requirement of every environment and is effective for water quality improvement.



SED

NSF-certified material was used to make the filter The filter removes rust and suspended solids in water

ACB

A high-quality carbon filter that maintains a sophisticated purifying system using compressed carbon filters.

ACL

NSF/ANSI Standard 60-approved safe materials are added, which can automatically make the level of water PH concentration between 7.5 and 9.5.

UFM

The filter is effective for bacteria, virus, and E.coli removal as it is made of NSF-certified material.



DEFE

\$10

A sediment and carbon integrated filter removing rust, suspended solids, and residual chlorine simultaneously.

ACF

A filter with supreme absorption capability using the micro pores of ACF and benefiting from the highly porous design.

CBH



Carbon composite filter is capable of removing heavy metals; in particular, it is expected to get rid of 7 major heavy metals: arsenic, lead, mercury, cadmium, copper, iron, and aluminum.

DI



The NSF-certified ion exchange resin-applied filter normally used in machines removes ion in water under the deionization process and changes it into natural water.

Dismantle

Mount







• What is Defense Purifier Kit?

A filter kit that changes contaminated water into clean water, can be easily applied to washstand faucet, shower head, and tub

te-stainless





Defense Purifier Kit

Case+1 filter+7 adapters
+1 spanner
Every 1-2 months
Main body -PC (polycarbona adaptor-ABS, shower facepla
approximately 4.9x4.8cm
Republic of Korea
Washstand, sink, tub, etc.

X Please check the shape and size of the filter before making your purchase.

What is a shower faceplate?

Precisely processed stainless plate will increase the water pressure Micro pores on stainless plate create waterfalls of anions as water falls, and this helps relieve fatigue and stress and boost vitality.



General faucet

Defense Purifier Kit

Pores where water passes Micro stainless plates are mounted are big, making the water pressure workake the water pressure stronger.

- Ultra-fine faceplate enables smooth but powerful water
 pressure
- Remove fine rust particles and residues, residual chlorine
- Ion occurrence
- Save water
- Easy to install
- Refreshing when brushing your teeth





• What is Defense Purifier Kit?

Examples of Defense Purifier Kit installation



- Photo of washstand installation
- ation Photo of sink installation





It is normally better to replace the filter every 1 to 2 months, although it may vary depending on the environment. Please replace the inner filter when the water pressure gets weaker or the color changes.



6 for a year

6 for a year





• Defense vitamin shower filter







• Defense vitamin shower filter specifications and functions





	- 1

11

Water quality analysis certification (China)

-----ment & Webs Minhs Institute Additio-201

Personal Auto

BURGET SALES

Feat Schore*

Peters a conserved and

BRIDDING HILLINGS

KC certification



• Approval status

...

880

10.440

..

1.1

No. Balan

평수기 풍질검사 성적시

(Alacteria)

It this she not stated in the second

SABOWARD, APRICATEGRAL

한국왕수기공업철동초합 이사장

..... Benarause

BUILDING BAS CER BUILDING

and arrive A.S.

DEFENSE

core W B.

210.4818

Sec.

.....

경수지 말만큼수성는 및 위효문수량 감사성적서

* NES IN DET-OUT: CTURE PROVID

* * * * * * * *

Kins Delement & Hou Wale Latin A4(21-27)

-16

U D D D DE DECEMPTOR DE PROVINCE AND AL COM D D D D D DE PROVINCE D D D D DE PROVINCE VERME DE D D D D D DE PROVINCE D D DE DE D D D

Sel

18284

8071 082N #NH

.....

1.2.1.141

informent & Hate Wate Indiate

2 2 3 Milestern 2 2 3 Milestern 2 2 3 1 Milestern 2 2 2 3 Milestern 2 2 2 3 Milestern 2 2 3 Milestern 3 Milestern 2 3 Milestern 3 Milestern

18.00

1000

Set

St. Luke's

C. Blod state and

Between Tree Collected States for Tancas and

terry instrument that in their

NUTL BUILD IN TAXABLE

Annual Person Tala California¹⁶ Tecas California¹⁶ A 192 Oruma I Personal Analasia (California)

Parameter Constitution

-

and and and the second second

Antonia (alternation (all

Printed States Indian Parl

Sold Street Street

Difficiency of the local division of the loc

1000

Mile Index

10101300

1000

STREET, PARTING

r marine Takatine

1010123

Water quality analysis certification (Philippines)

Transfer | committee |

eternin Procision

10-2010 100	16 項	骨	告	ē.	
連手大手祥蔵素量合計中心 Commite Territorement (Bally Das, Segma Calendar		003.09			
本。 語 Name Caurty		8-8 3010000	2.000,000.00 0.000,00,000,00,00,00 0.000,00,00,00,00,00,00		
		8 0 7 017	CONTRACTOR AND A CONTRACTOR OF A CONTRACTOR AND A CONTRAC	2.30-04" Kars	4.41 0.1
检测报告		10 1 P	格勒济语 和政治的大力 化香油、 * 计图画子并作进行	2.24+427 4.46	Albeiter 1.4
DETECTING AND ANALYZING REPORT		1.89719.8	D ORD 102-4# DREA HONEDOOP 200	64380-107 0.00	14.7 270
		TRANSFORMER (1997)	11240303803046	621 1.8	31.5 2.55
N BAR W CRUTCHLOW SHOWS		an	004200 825-02.0 96200 825-02.0 96200		100 1000
R SM # CBUT-RECROSOMERS	Reference and the second second	17 (17 (19 (19 (19 (19 (19 (19 (19 (19 (19 (19	280119 -	10100	3.84 - 400
MARIN MARIN	111 111 111 111 111 111 111 111 111 11	2011	E 104 (15:53-R)	-45 17	*** *#### **
anteria anteria	la c	1940 1971	1822 18505 \$5-CL+ 26520	anianie	10040-02313
	HEADIN KOLD-	8119Y	tink wass	\$148511743	<1.00 NJ
構造性別 2016年11月21日	1	44.0	44 440 4843	3. 2.26.94	o an high
ADDORTING DATE		8年代 (本) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	100 ATO 1000		4
		C. P. MIL. MARKA JUNE . No. 18, 202 PM	ed. Allia Paters	79. 69-83	
11000		ELR.	4 6 M T	L20140* 102	
WHETHE MO ARCITER INTY MERCORING STREET.C.		184	(\$20-10 ⁻¹) 8.00	L89+10 ⁺¹ 0.2	
NO. BULTHENEYED		ALL ARADA DORLAR	-5.00-00 ⁴ 0.000		
CARLES Now (1), Sectorage of Security by Sector Sec		18	-CK89110 ¹¹ 0.00		
Parties Indiana (n)	B. Domentor the sector of B.B. And Appendix 2006	1(10,000,00,000,00)) 1(10,000,00,00,00) 1(10,000,00,00,00,00) 1(10,00,00,00,00,00,00,00,00,00,00,00,00,0	<7.00-10* 0.00		
	******	#13.843	211.040		

multi Regalitation Successful THE PART OF LOW ADDRESS

the lowest had a section in particular store in "ter mytheries off in oak frompt. Det 24, 2021.

A series information

Registration Rosebor Value Argentic Facility Rosec Robbrac

Loting Barris

Defitt Russian Emilips Freebo Zone Facility 1980: Utility December Treat Russian

the man in part the gage ha pass recently.

The and expendence remain prior & Coloner 1. Summer 81, 2011 Registering prior buildy and being decrease data and, 11 any way, 11

The long contract the P Dri will any constraint of regionity and the good

View Proprietary Names and Labeling

Propression idease

FREE LIABOR POTER

1044710-16704

BUILD COMPUTING 15,100 ****

Halama & Institute Parties

unimplose 74,708

INCOMPANY PROPERTY. of administration of the local division of t *******

FDA members 2021

Investigation in the local day in the later

analisterer, N Charles, 125. 13. Desengenegine gif, Sonie riper, 14. Desengenegine gif, Sonie riper, 14. Desengenegine gif, Sonie riper,







• Enterprises and countries where it is currently sold/traded



DEFENSE



Company Introduction



CT&S set "make a world of clean water" as the company's special vision following its inception in 2015.

CT&S produces purifier filter, shower filter, and other related products by using Activated Carbon Fiber (ACF) and activated carbon. In particular, CT&S produces carbon fiber-applied filters, which boast of high absorption capability, and exports them to 5 different countries.

CT&S is obligated to safeguard customers' health. It continues to focus on R&D, making best efforts to become a leading global company.







A company solving customers' inconvenience through creative technologies. A company prioritizing customers and families' health.

