

Anti-bacterial/Bacteria removing properties for compressed air is what's important !

Proprietary anti-bacterial filter
Non-woven fabric
filter element
uses silver-based
anti-bacterial agents

Anti-bacterial
effect

Proprietary bacteria removing filter
Hollow fiber membrane

Removal rate
99.99999999%

Bacteria
removing
effect

Antibacterial activity value ≥ 4

Bacteria trapping performance

LRV ≥ 10

FP
Food Process

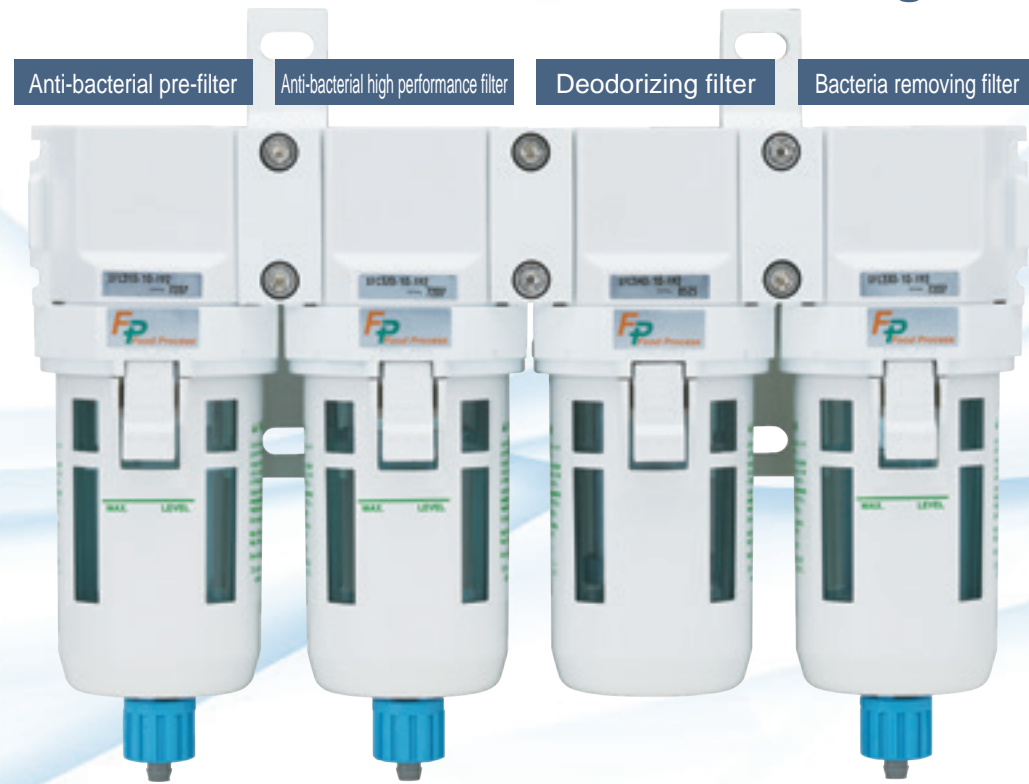


The background is a simulated image.

Videos available here



A modularized triple block with reliable anti-bacterial and bacteria removing effects



- FDA**
Compatible material
Fluid passage section
Resin/rubber
- ≥ 4**
Antibacterial
Activity Value
- Bacteria trapping performance LRV10 or more**
- Material compatible with the Food Sanitation Act**
Fluid passage section
Resin / rubber
- NSF H1**
grease for foodstuffs is used
- Exterior parts use Anti-bacterial material**



Large flow rate bacteria removing filter added
Achieves large flow rates from anti-bacterial to deodorizing to bacteria removing. Contributes to food safety with best-in-industry performance and combination.



Push ring employed in SUS
Risk of contamination is reduced, and it can be installed safely near the point of use.



Maintenance

Elements are replaceable
Elements are easy to replace.
Maintenance label equipped as standard
* Included with the product.
Replacement period will be visible.



Anti-bacterial

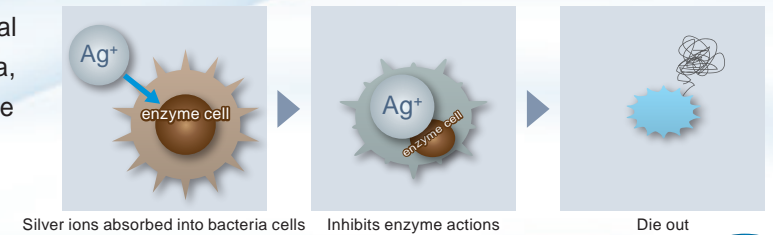
Proprietary anti-bacterial filter

Stops  growth!

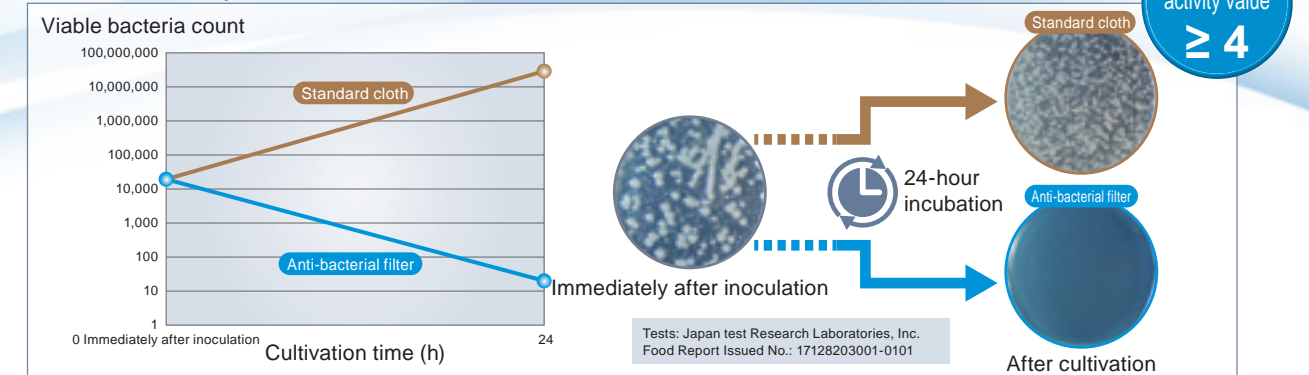
Non-woven fabric filter element that uses silver-based anti-bacterial agent

A silver-based anti-bacterial agent is used in the non-woven fabric element

The silver ion present in the antibacterial filter adsorbs into the cells of bacteria, the bacteria's enzyme actions are obstructed, and they die out.



Anti-bacterial performance



Verification data from test done based on JIS L 1902:2015

Bacteria Removal

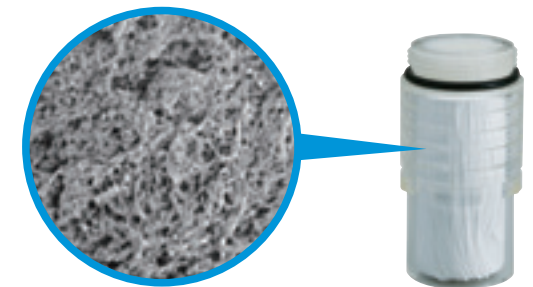
Proprietary bacteria-removing filter

Removes  !

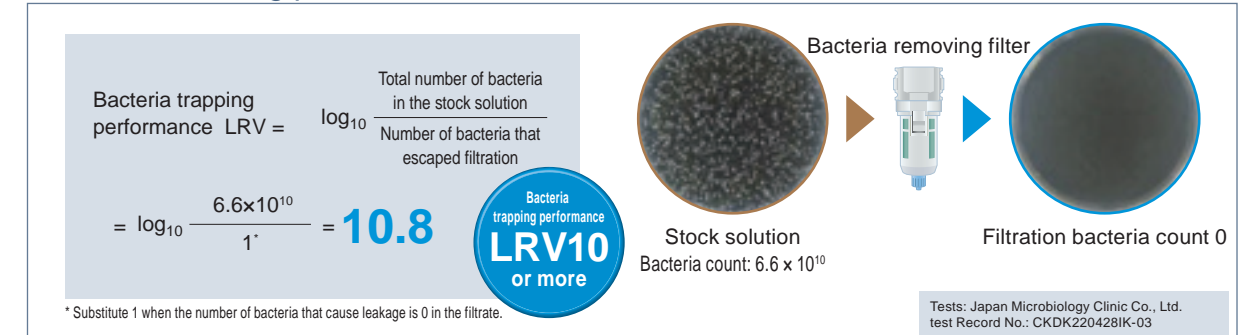
Removal rate 99.99999999% Hollow fiber membrane

Hollow fiber membrane

The straw-like fiber wall of the bacteria-removing filter has numerous, special slit-like ultrafine pores.
When compressed air passes through these holes, they capture bacteria.



Bacteria removing performance



Verification data from test done based on JIS K 3835

* Antibacterial Activity Value and bacteria trapping performance are actual values from CKD's prescribed conditions.