

Anti-microbial & anti-virus Filter for MARINE Air Conditioners

MARINE TYPE

Antimicrobial & Antivirus Filter

Improving the air quality by filtering and preventing mold stain, odors, dust and certain viruses while saving maintenance.

Antimicrobial & Antivirus

Antifungal

Deodorize

Long Stability



99.995%

Antimicrobial

Anti-microbial & anti-virus

A high degree of virus reduction with antifungal agents.



Antifungal

Inhibits the growth of specified mold and Removes mold smell.



Washable

Water washable that keeps the filter always clean.
Easy installation and maintenance.

Washable and Reusable
[Appx. 5 - 6 times]



For Indoor Unit



*Pictures are the images of installation.



For Marine Unit

Antibacterial, antiviral mold resistance, mold resistance performance verified at the testing organization:

Verified at Chiba University Fungal Medicine Research Center, Nissenken Quality Evaluation Center, Japan Food Research Laboratories

Antivirus Performance Evaluation [Virus Test]

REDUCED VALUE
99.995%



To Specified Virus

Initial infectious titer	6.86
Titer after 2 hrs. reaction	2.56
Antivirus reduction value	4.3



Reduced by antifungal agent in the filter

Inoculate the test cloth with the test virus and contact it at 25 ° C for 2 hours. Wash out the virus from the sample and dilute it. Infect the test cells with the diluted solution and measure the number of whitened cells.

* The data values shown are not guaranteed values.

[Evaluation Method] Nissenken Quality Evaluation Center_ Plaque test

Installation / Delivery

Indoor Unit



Installed with a specific fastener.*
[*3M mechanical fastener]

Marine Unit



Installed with a specific filter frame.
[Note: Frame need to be purchased]



Delivery image in rolls

Delivery Style



Requested Size
e.g.) For ceiling cassette type air conditioner in 0.57m×0.57m



Marine Air Conditioner Use
Note: Frame required for installation



One Rolle Set
0.9m×25m

■ Specifications (For DKF150DX)

Type of Use	Size [mm]	Weight [g]	Rated Wind Speed [m/s]	Initial Pressure Loss [pa]	Final Pressure Loss [pa]	Average Efficiency [%]
Ceiling Mounted [Indoor Unit]	L570×W570×H3.7	60	2.5	24	50	46 *Based on gravimetric method
Made-to-order	*Differs from each specification.					



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