O.F.S. Exclusive Technology

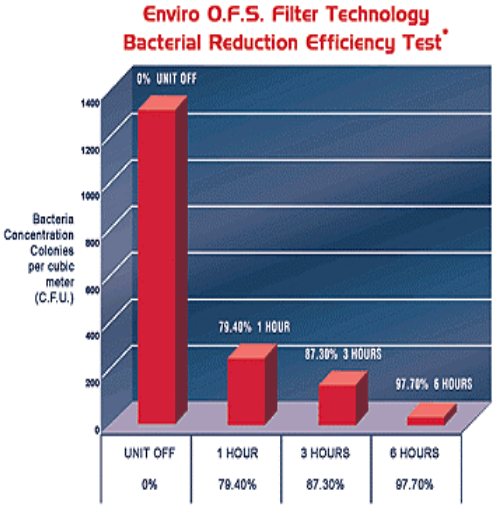
O.F.S. stands for **Organic Fiber Sterilization** technology.

Most filters only capture bacteria, acting like flypaper for the microscopic organisms. But the advanced O.F.S. filter not only snares bacteria but kills it as well.

The O.F.S. filters are soaked in a special neutral, non-irritating organic solution. The compound bonds with the filter media and starts a chemical reaction that destroys certain bacteria trapped on the surface within time after contact.

The technology behind the O.F.S. filter is the first of its kind.

In environments like hospitals or laboratories where cleanliness and sterility are crucial,
the new O.F.S. filter technology is an invaluable tool in fighting the spread of disease and infection.



** Tests have been conducted independently by the CHN Center for Disease Control and Prevention Institute for Environmental Health and Related Product Safety.*

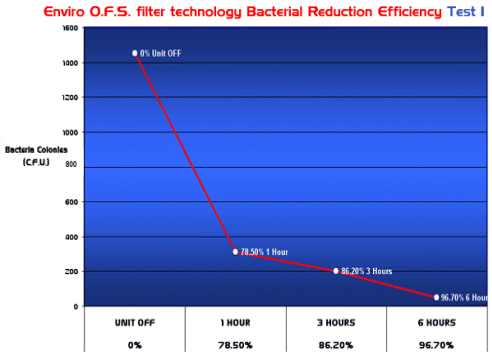
The O.F.S. technology has proven to have broad spectrum antibacterial effects and can restrain growth and reproduction of Gram-positive and Gram-negative bacteria.

Independent test results conducted by the CHN Center for Disease Control and Prevention institute for Environmental Health and Related Product Safety show that the O.F.S. filter killed 97.7% of airborne bacteria in a mid-size room after 6 hours of operation.

8450 NW 68th Street Bay #6 Miami, FL 33136 USA – TEL 1.888.6.NEOAIR – FAX 305.675.2779
www.neoair.com

O.F.S. Filter technology bacterial reduction independent efficiency tests

How do you know if an air purifier is truly effective? The **Enviro 68108** air purifier performance has been **independently tested** and certified **by the Institute for Environmental Health and related product safety CHN center for disease control and prevention**. The air purifier O.F.S. technology has been tested in a regular working environment. No special conditions have been applied to boost results. Please read hereafter the field tests that confirm the extraordinary efficiency of the Enviro 68108.



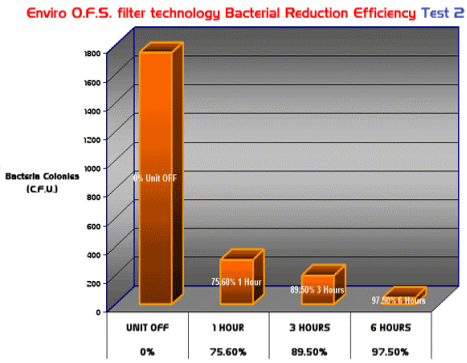
TESTS SET: A

Sample Registration NO.2003K073

Test According to< Sterilization Technology Criteria> NO.448/1999.

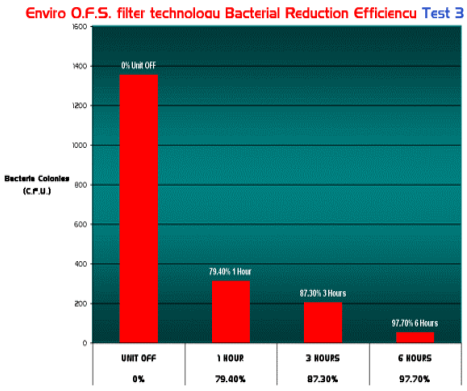
Purposes of this Test:

According to < Sterilization Technology Criteria> NO.448/1999, we tested the natural bacterium killing function of the unit model 68108.



Test Method:

We placed the sample unit in a 1,589 cuft. room. First, we tested the natural bacterium presence in the air with an Andersen (2grade) Air Sampling Machine. Second, we turned on and operated the sample unit according to the User's Handbook, and then test the amount of the bacterium in the air after the air purifier has been working for 1 hour, 3 hours and 6 hours of operation. Finally, we compute the disappearance rate of bacterium according to the data gathered. The tests were made three times.



Test Results:

The function to the natural bacterium in the air

Disappearance rate (%)

No. tests	Cfu/m3	1h	3h	6h
Test 1	1450	78.5	86.2	96.7
Test 2	1750	75.6	89.5	97.5
Test 3	1350	79.4	87.3	97.7
Average		77.8	87.6	97.3

Conclusion: The sample: Mod. 68108 Air Purifier sent has been able to kill 97.3% (average data) airborne bacteria in the tested room after 6 hours of operation.

8450 NW 68th Street Bay #6 Miami, FL 33136 USA – TEL 1.888.6.NEOAIR – FAX 305.675.2779
www.neoair.com