

TEST REPORT

Receipt No. : TSI-16-004-1
 Company name : WINIX Corporation
 Applicant address : 295, Gongdan 1-daero, Siheung-si, Gyeonggi-do, Korea
 Representative : Yoon Hee Jong
 Presented sample name : WINIX Air Purifier / Natural Humidifier/
 Air Washer TRUE HEPA FILTER - QAHP093-10TH
 Test item : Efficiency, Resistance
 Test conditions :
 1) Testing equipment : Automated filter tester (TSI 8130)
 2) Test method : Modified 42 CFR part 84
 3) Sample size : 100 cm²
 4) No. of test : 3
 5) Flow rate : 32 ℓ /min
 6) Test aerosol : NaCl
 7) Aerosol size : 0.26 μm (Mass mean diameter)

Test Results

Test items	Results*
Efficiency (%)	99.988
Penetration (%)	0.012
Resistance (mmH ₂ O)	3.6



*Results are average values

Use : Analysis

Note : This report should not be used for the purpose of propaganda, lawsuit and other legal requirements except for the defined use.

This is to certify that the test has been made for the commodities prepared by the applicant.

Date January, 19, 2016

Certificated by THE PRESIDENT OF THE KOREA INSTITUTE OF
INDUSTRIAL TECHNOLOGY



※ This test report may not be valid when certain unexpected conditions are occurred.(e.g. over-temperature, over-humidity, etc)



Automated Filter Tester (TSI 8130)

KITECH

Operator: KITECH

Date: 2016-01-19

No.: TSI-16-004-1

FILTER DATA:

Company: WINIX Corporation

Product name: Air Washer TRUE HEPA FILTER-QAHP093-10TH

Type: Air filter media

Material:

TEST CONDITIONS:

Aerosol: NaCl

Flow rate [l/min]: 32

Temperature [°C]: 15.8

Face velocity [cm/s]: 5.33

Rel. humidity [%]: 40.5

TEST RESULTS:

Efficiency [%]: 99.988

Penetration [%]: 0.012

Resistance [mmH2O]: 3.6

Number	Efficiency [%]	Penetration [%]	Resistance [mmH2O]
1	99.988	0.012	3.5
2	99.990	0.010	3.7
3	99.987	0.013	3.6

TEST REPORT

Receipt No. : TSI-16-004-2
 Company name : WINIX Corporation
 Applicant address : 295, Gongdan 1-daero, Siheung-si, Gyeonggi-do, Korea
 Representative : Yoon Hee Jong
 Presented sample name : WINIX Air Purifier / Natural Humidifier / Air Washer Anti-microbial TRUE HEPA FILTER-QAHP093-10TH(H1N1-Or)
 Test item : Efficiency, Resistance
 Test conditions :
 1) Testing equipment : Automated filter tester (TSI 8130)
 2) Test method : Modified 42 CFR part 84
 3) Sample size : 100 cm²
 4) No. of test : 3
 5) Flow rate : 32 ℓ /min
 6) Test aerosol : NaCl
 7) Aerosol size : 0.26 μm (Mass mean diameter)

Test Results

Test items	Results*
Efficiency (%)	99.979
Penetration (%)	0.021
Resistance (mmH ₂ O)	3.1



*Results are average values

Use : Analysis

Note : This report should not be used for the purpose of propaganda, lawsuit and other legal requirements except for the defined use.

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Date January, 19, 2016

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Automated Filter Tester (TSI 8130)

KITECH

Operator: KITECH

Date: 2016-01-19

No.: TSI-16-004-2

FILTER DATA:

Company: WINIX Corporation

Product name: WINIX Air Purifier / Natural Humidifier /
Air Washer Anti-microbial TRUE HEPA FILTER-
QAHP093-10TH(H1N1-Or)

Type: Air filter media

Material:

TEST CONDITIONS:

Aerosol: NaCl

Flow rate [l/min]: 32

Temperature [°C]: 15.8

Face velocity [cm/s]: 5.33

Rel. humidity [%]: 40.5

TEST RESULTS:

Efficiency [%]: 99.979

Penetration [%]: 0.021

Resistance [mmH₂O]: 3.1

Number	Efficiency [%]	Penetration [%]	Resistance [mmH ₂ O]
1	99.981	0.019	3.0
2	99.979	0.021	3.1
3	99.976	0.024	3.1