

December 10, 2024

LMS# 9626

INITIAL 52.2 TEST REPORT (New Classification)

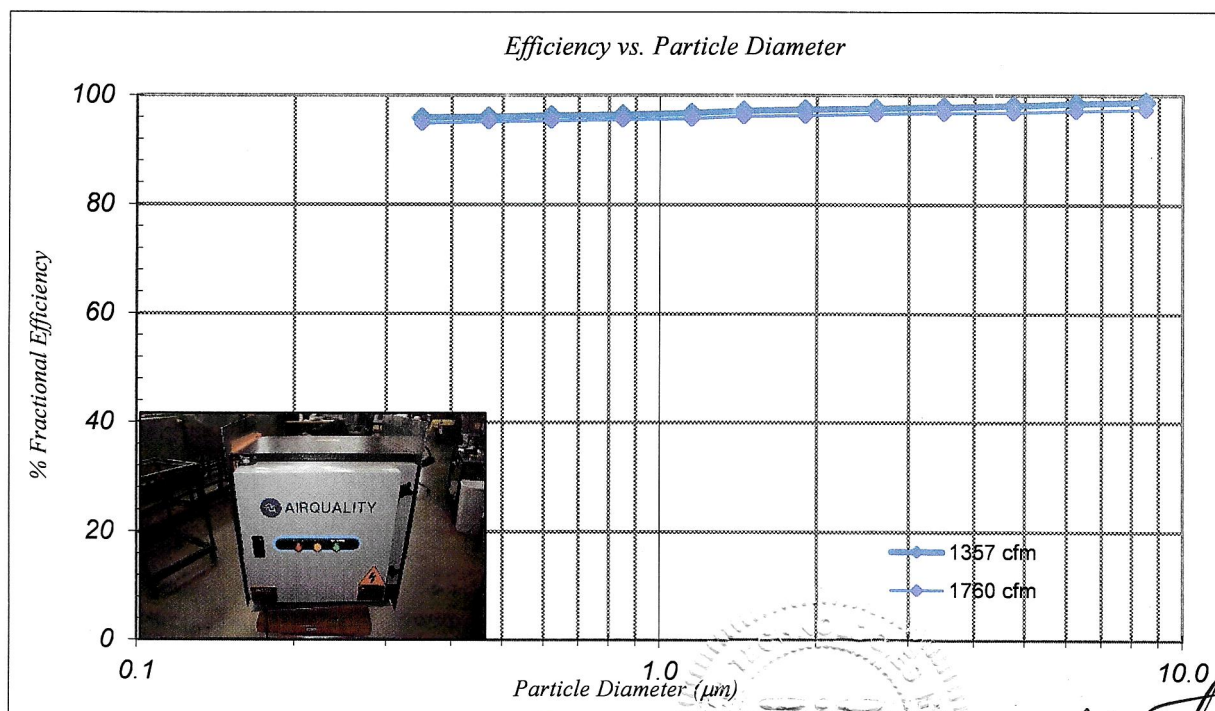
6423 Cecilia Circle
Bloomington, MN 55439

Tel.: (952)-918-9060
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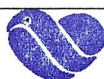
Test Type : Initial 52.2
Test Number: T121024B
Flow Rate/Velocity: 1357 & 1760 cfm
Test Aerosol: KCl, Neutralized
Filter size: 600mm*662mm*575mm
Filter Description: Kitchen Electrostatic Exhaust Purifier

Test Requested by:
Air Quality Technology (Shanghai) Co. Ltd
Filter Manufacturer:
Air Quality Technology (Shanghai) Co. Ltd
Filter ID: FKE-G
Temp & Humidity: 70 F & 49%

Size Rang(μm)	2300 cmh	3000 cmh
	1357 cfm	1760 cfm
0.3-0.4	95.9	94.9
0.4-0.55	96.1	95.2
0.55-0.7	96.3	95.4
0.7-1.0	96.5	95.6
1.0-1.3	96.8	95.8
1.3-1.6	97.2	96.2
1.6-2.2	97.4	96.3
2.2-3.0	97.6	96.6
3.0-4.0	97.9	96.8
4.0-5.5	98.1	96.9
5.5-7.0	98.5	97.2
7.0-10.0	98.8	97.4
MERV	16	16



TEST SUPERVISOR
EMILE TADROS



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LMS TECHNOLOGIES, INC.

ENGINEERING APPROVAL
K.C. KWOK, PH.D.