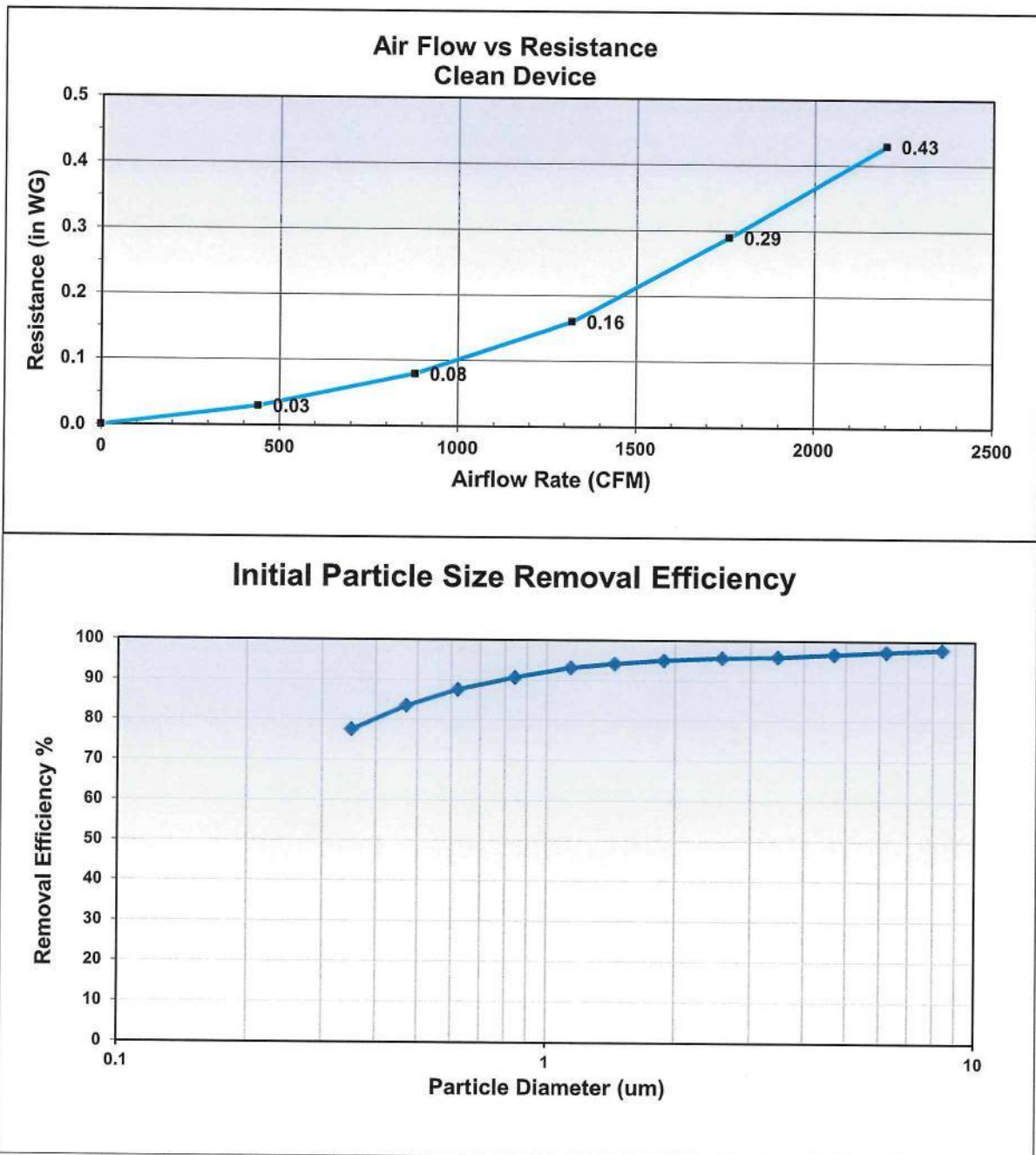


 Blue Heaven Technologies 2820 S. English Station Road - Louisville, KY 40299 Tel: (502) 357-0132	Date: 5-Mar-25 TEST NO. 25-152-1 Rev.1	
		Test Report ASHRAE Standard 52.2-2017 Initial Efficiency / Resistance
Test results relate only to items tested. Report shall not be reproduced w/o permission		
Filter Description		
Manufacturer Filter Model Part Number Generic Filter Type Nominal Dimensions (W x D x H) Pocket / Pleat Quantity Media Type Est. Gross Media Area Adhesive Type	AirQuality Technology (Shanghai) Co Ltd FKE-GE N/A Kitchen Electrostatic Exhaust Purifier 660 x 662 x 705mm N/A Electrostatic Standard N/A	
 		
Test Conditions		
Loading Dust Type Barometric Pressure (In. Hg.)	NA 28.8	Test Air Temp (degrees F.) Relative Humidity (%)
70 47		
Test Results		
Airflow Rate (CFM)		1760
Nominal Face Velocity (fpm)		859
Initial Resistance (in WG)		0.29
E1 (%) Initial Efficiency 0.30 - 1.0 um		85
E2 (%) Initial Efficiency 1.0 - 3.0 um		95
E3 (%) Initial Efficiency 3.0 - 10.0 um		97
Estimated * Minimum Efficiency Reporting Value (MERV) * If initial data is minimum		MERV 15 @ 1760 CFM
Comments Tested For: AirQuality Technology (Shanghai) Co Ltd		
Test Performed by: C Rees CAFS Approved By: T Shoulders Manager		

Test No. 25-152-1 Rev.1
Date: 05-Mar-25



Test No. 25-152-1 Rev.1
Date: 05-Mar-25

Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)
0	0.00
440	0.03
880	0.08
1320	0.16
1760	0.29
2200	0.43

Data - Particle Removal Efficiency

Particle Size Range (um)	Geometric Mean Diam (um)	Initial Particle Removal Efficiency (%)
0.30 - 0.40	0.35	77.5
0.40 - 0.55	0.47	83.6
0.55 - 0.70	0.62	87.7
0.70 - 1.00	0.84	90.7
1.00 - 1.30	1.14	93.2
1.30 - 1.60	1.44	94.2
1.60 - 2.20	1.88	95.1
2.20 - 3.00	2.57	95.7
3.00 - 4.00	3.46	96.0
4.00 - 5.50	4.69	96.7
5.50 - 7.00	6.20	97.4
7.00 - 10.00	8.37	98.0

 Blue Heaven Technologies Blue Heaven Technologies 2820 South English Station Road Louisville, KY. 40299 Phone: 502.357.0132 Website: www.blueheaventech.com	TEST REPORT NOTES PAGE		 
	Date:	3/5/2025	
	Report Number:	25-152-1 Rev.1	

Equipment Used/
Serial Numbers:

OPC	Manometer	Location
3330194201	Extech HD700 - 8136	T3
3330230203		
	Dwyer - 204	T2
	Dwyer - 202	

Authorized by: **Bobby Singer**
President, Blue Heaven Technologies

Performed by: **C Rees CAFS**
Title: Lab Technician

<i>The test results attached relate only to the items tested.</i>
<i>This data is provided for the exclusive use of the test requestor.</i>
<i>This test report shall not be reproduced except in full without the approval of Blue Heaven Technology. This is to provide assurance that parts of a report are not taken out of context.</i>
<i>Decision Rule: Regardless Of Uncertainty, Blue Heaven Technologies Will Report A Statement of Compliance Based on Actual Readings of Device(s) Under Test Compared To The Standard Being Used.</i>
<i>Note: If Blue Heaven Technologies is reporting test data to a Standard and the test result is borderline, customer assumes the level of risk.</i>