


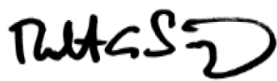
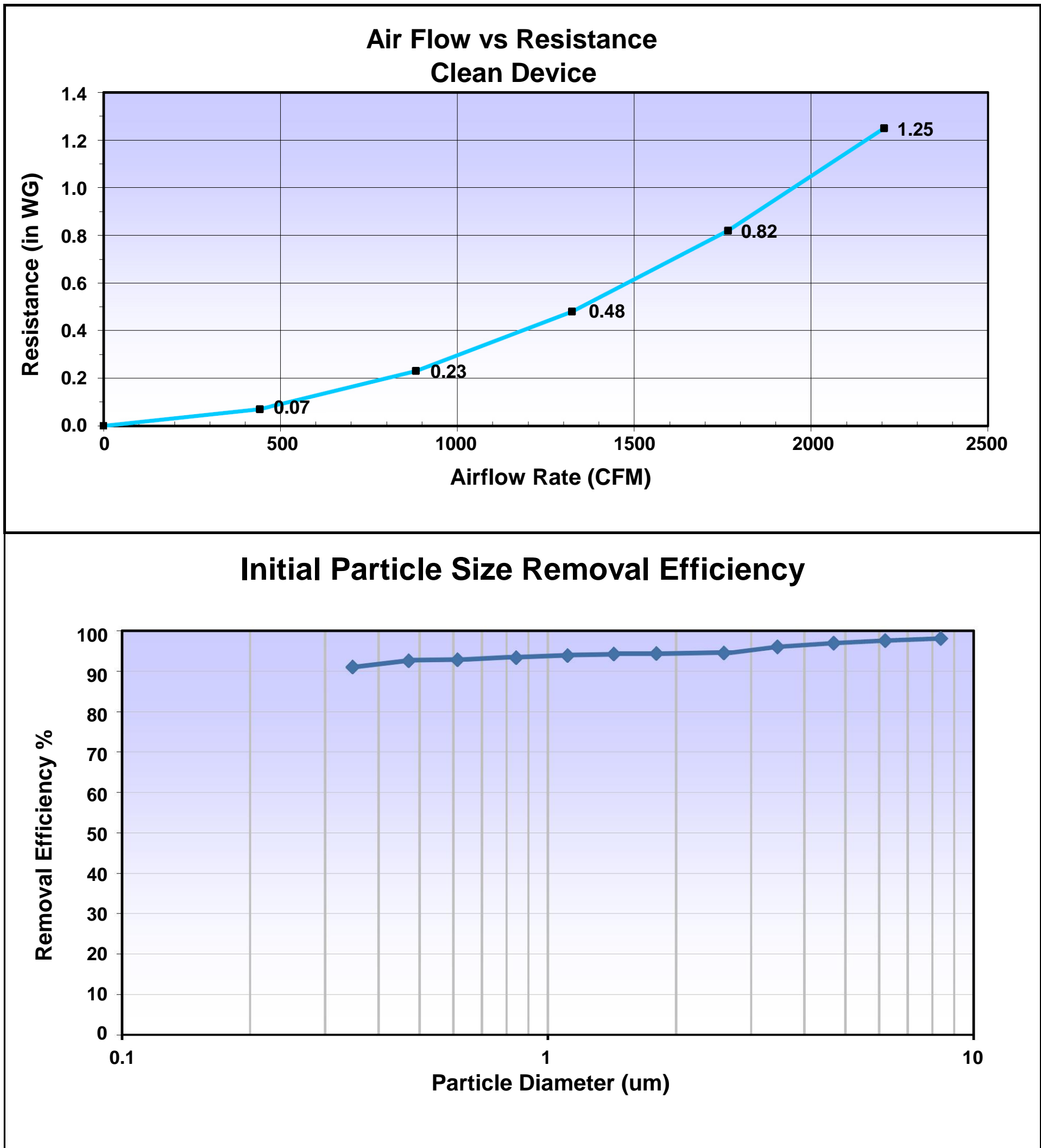


<div> 2820 S. English Station Road - Louisville, KY 40299 Tel: (502) 357-0132 Fax (502) 267-8379</div>	Date: 3-Jul-19 TEST NO. 19-277-2																																						
	<div>ASHRAE Standard 52.2-2017 TEST REPORT Initial Efficiency / Resistance</div>																																						
<div>Filter Description</div> <table><tr><td>Manufacturer</td><td colspan="3">Dongguan Ruizhaohe Environmental Protection Equipment</td></tr><tr><td>Filter Model</td><td colspan="3">DGRH-K-3500</td></tr><tr><td>Part Number</td><td colspan="3">Collector Cell, High Voltage Power Supply</td></tr><tr><td>Generic Filter Type</td><td colspan="3">Electrostatic Precipitator</td></tr><tr><td>Nominal Dimensions (H x W x D)</td><td colspan="3">19" x 21" x 23.25"</td></tr><tr><td>Pocket / Pleat Quantity</td><td colspan="3">N/A</td></tr><tr><td>Media Type</td><td colspan="3">Standard</td></tr><tr><td>Est. Gross Media Area</td><td colspan="3">Standard</td></tr><tr><td>Adhesive Type</td><td colspan="3">N/A</td></tr></table>				Manufacturer	Dongguan Ruizhaohe Environmental Protection Equipment			Filter Model	DGRH-K-3500			Part Number	Collector Cell, High Voltage Power Supply			Generic Filter Type	Electrostatic Precipitator			Nominal Dimensions (H x W x D)	19" x 21" x 23.25"			Pocket / Pleat Quantity	N/A			Media Type	Standard			Est. Gross Media Area	Standard			Adhesive Type	N/A		
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<div>Comments Tested For: Dongguan Ruizhaohe Environmental Protection Equipment</div>																																							
<div>Test Performed by: CR Approved By: </div>																																							

Important Note: Please be advised that the ASHRAE committee SSPC 52.2, in March 2016, has published "addendum e" relative to the 52.2-2012 test protocol. This addendum restricts the use of the acronym "MERV" as only applicable to a test report that has been completed using the "entire procedure prescribed by the standard". This report is a modified version of the procedure and therefore, subject to that ruling. In the best interest of our customers, Blue Heaven Technologies has elected to delay this action until further assessment can be made at committee level. Where applicable, the qualified use of the term "MERV" will continue to be part of our reported data.

Test No. 19-277-2
Date: 3-Jul-19



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Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)
0	0.00
441.25	0.07
882.5	0.23
1323.75	0.48
1765	0.82
2206.25	1.25

Data - Particle Removal Efficiency

Particle Size Range (um)	Geometric Mean Diam (um)	Initial Particle Removal Efficiency (%)
0.30 - 0.40	0.35	91.3
0.40 - 0.55	0.47	92.4
0.55 - 0.70	0.62	92.6
0.70 - 1.00	0.84	93.9
1.00 - 1.30	1.14	93.5
1.30 - 1.60	1.44	94.2
1.60 - 2.20	1.88	94.4
2.20 - 3.00	2.57	94.8
3.00 - 4.00	3.46	96.4
4.00 - 5.50	4.69	96.5
5.50 - 7.00	6.20	97.3
7.00 - 10.00	8.37	98.5