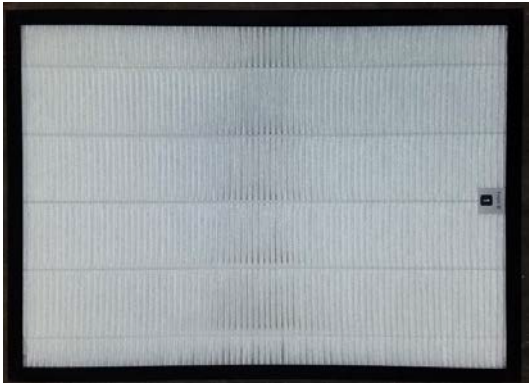
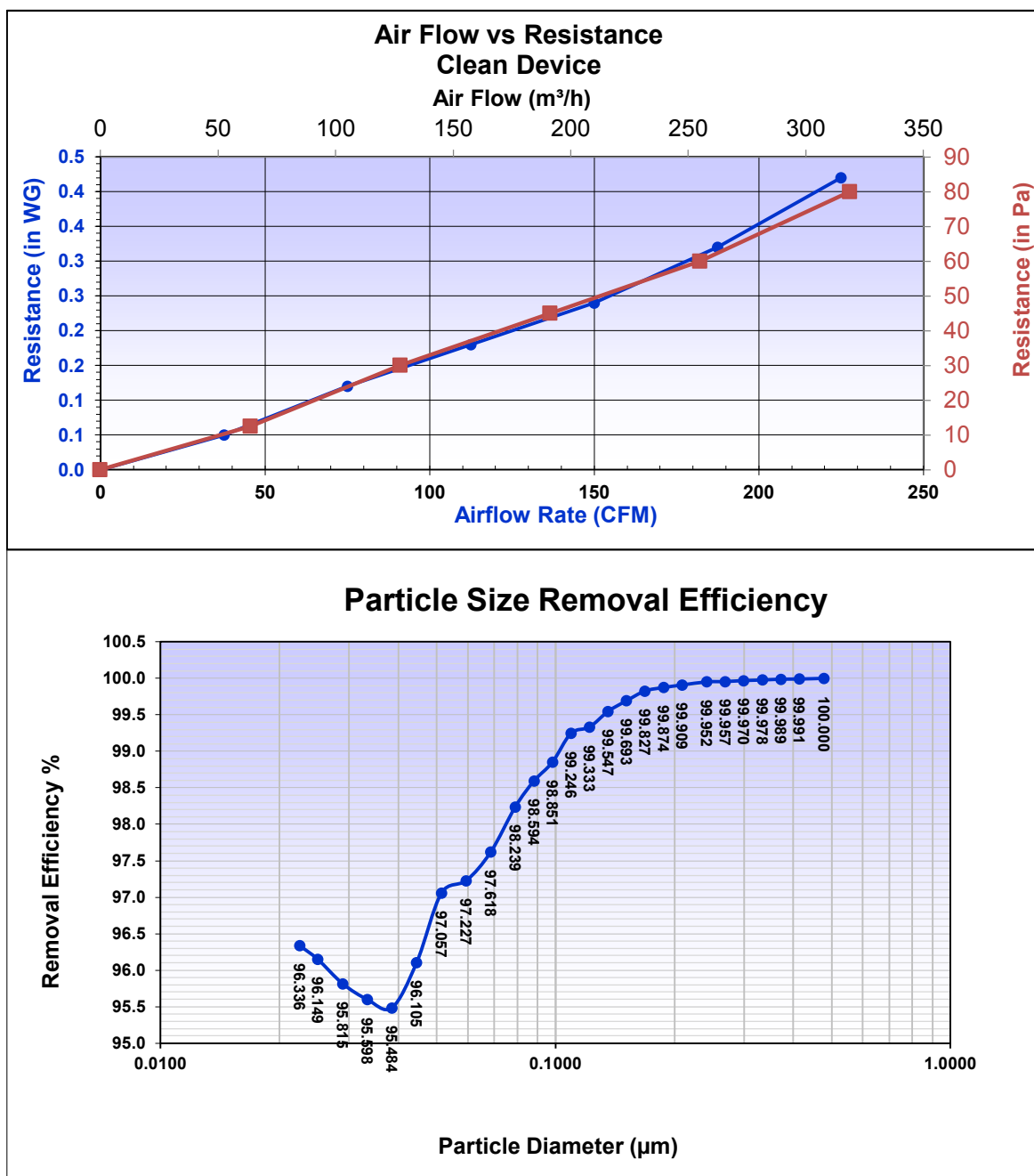


 2820 S. English Station Road - Louisville, KY 40299 Tel: (502) 357-0132 Fax (502) 267-8379	Date: 24-Nov-2020 TEST NO. 20-066 EN-1822-1 Test Report Efficiency / MPPS / Resistance page 1 of 3																				
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Test Performed by: NBT Approved By:  Test Completed: 24-Nov-2020																					

Test No. 20-066
Date: 24-Nov-2020



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Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)	Airflow (m3/hr)	Resistance (Pa)
0	0	0	0
38	0.05	63.75	12.5
75	0.12	127.5	30
113	0.18	191.25	45
150	0.24	255	60
188	0.32	318.75	80
225	0.42	382.5	105

Data - Particle Removal Efficiency

Particle Size Range (nm)	MPPS	Particle Removal Efficiency (%)		
		(μm)		
22.50		0.0225	96.336	
25.00		0.0250	96.149	
28.90		0.0289	95.815	
33.40		0.0334	95.598	
38.50		0.0385	95.484	
44.50		0.0445	96.105	
51.40		0.0514	97.057	
59.40		0.0594	97.227	
68.50		0.0685	97.618	
79.10		0.0791	98.239	
88.20		0.0882	98.594	
98.20		0.0982	98.851	
109.40		0.1094	99.246	
121.90		0.1219	99.333	
135.80		0.1358	99.547	
151.20		0.1512	99.693	
168.50		0.1685	99.827	
187.70		0.1877	99.874	
209.10		0.2091	99.909	
241.40		0.2414	99.952	
269.00		0.2690	99.957	
299.60	MPPS	0.2996	99.970	
333.80		0.3338	99.978	
371.80		0.3718	99.989	
414.20		0.4142	99.991	
478.30		0.4783	100.000	