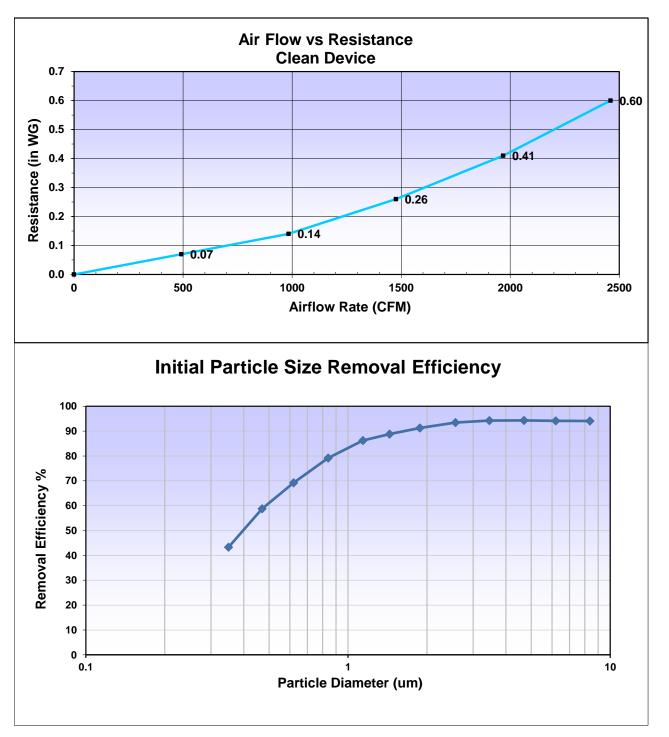
	Date:	20-Dec-18	TEST NO.	18-638-2A
2820 S. English Station Road - Louisville, KY 40299 Tel: (502) 357-0132 Fax (502) 267-8379	ASHRAE Standard 52.2-2017 TEST REPORT Initial Efficiency / Resistance			
Manufacturer Filter Model Part Number Generic Filter Type Nominal Dimensions (H x W x D) Pocket / Pleat Quantity Media Type Est. Gross Media Area Adhesive Type	PC	Kimberly-Clark Mechanical Se 230324002 Pleated 24" x 24" x 4" 17 Pleats 513H 21.25 Ft ² N/A		
	N	2303	24002	24) 23-3/ 59-37 CM
est Conditions			<i>.</i>	
Loading Dust Type NA Barometric Pressure (In. Hg.) 28.9	-		emp (degrees F.) umidity (%)	74 37
Test Results Airflow Rate (CFM)			1968	i.
Nominal Face Velocity (fpm)			492	
Initial Resistance (in WG)			0.41	
E1 (%) Initial Efficiency 0.30 - 1.0 um E2 (%) Initial Efficiency 1.0 - 3.0 um E3 (%) Initial Efficiency 3.0 - 10.0 um			63 90 94	
Estimated * Minimum Efficiency Report * If initial data is minimum	ting Value (N	MERV)	MERV 13 @ 1	968 CFM
Comments Tested For: Kimberly-Clark				
est Performed by: JPS Approved By:	RU46S5			

addendum estricts 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.18-638-2ADate:20-Dec-18



Test No. 18-638-2A Date: 20-Dec-18

Data - Initial Resistance

Airflow	Resistance		
(CFM)	(in WG)		
0	0.00		
492	0.07		
984	0.14		
1476	0.26		
1968	0.41		
2460	0.60		

Data - Particle Removal Efficiency

	Geometric	Initial
Particle Size Range	Mean Diam	Particle Removal Efficiency
(um)	(um)	(%)
0.30 - 0.40	0.35	43.3
0.40 - 0.55	0.47	58.8
0.55 - 0.70	0.62	69.2
0.70 - 1.00	0.84	79.2
1.00 - 1.30	1.14	86.2
1.30 - 1.60	1.44	88.8
1.60 - 2.20	1.88	91.3
2.20 - 3.00	2.57	93.4
3.00 - 4.00	3.46	94.2
4.00 - 5.50	4.69	94.3
5.50 - 7.00	6.20	94.1
7.00 - 10.00	8.37	94.0