



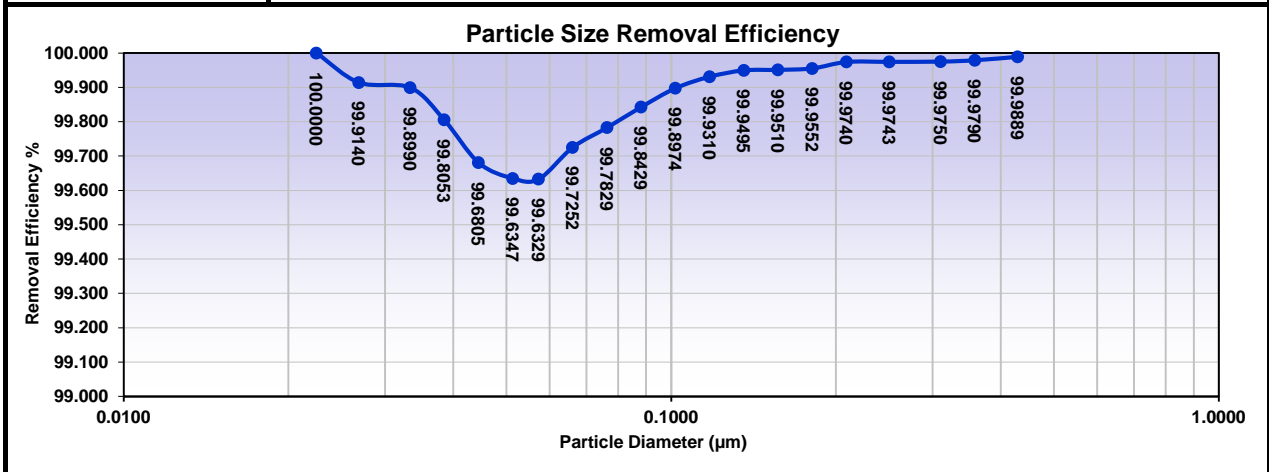
2820 S. English Station Road - Louisville, KY 40299
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 2-Nov-16 TEST NO. 16-1829

EN-1822-3:2009 Flat Sheet Media Test Report

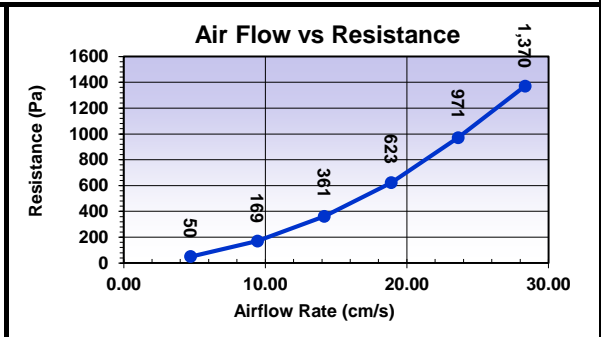
Efficiency / MPPS / Resistance

Media Information	Manufacturer Part Number / Media Identification Nominal Dimensions Media Type	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border-bottom: 1px solid black; text-align: right;">JP AIR TECH</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">JX265-B-PTFE MEMBRANE</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">8.0" x 10.0"</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">100% BICO Polyester + PTFE Membrane</td></tr> </table>	JP AIR TECH	JX265-B-PTFE MEMBRANE	8.0" x 10.0"	100% BICO Polyester + PTFE Membrane		
JP AIR TECH								
JX265-B-PTFE MEMBRANE								
8.0" x 10.0"								
100% BICO Polyester + PTFE Membrane								
Test Conditions	Test Air Flow Rate (FPM) Challenge Aerosol Particle Measurement Equipment Test Air Temperature (°F) Relative Humidity (%) Barometric Pressure (Inches Hg)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border-bottom: 1px solid black; text-align: right;">37.2 FPM (18.9 cm/s)</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">DEHS</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">TSI 3080 Classifier / TSI 3772 Counter</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">78.1</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">48.6</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">29.47</td></tr> </table>	37.2 FPM (18.9 cm/s)	DEHS	TSI 3080 Classifier / TSI 3772 Counter	78.1	48.6	29.47
37.2 FPM (18.9 cm/s)								
DEHS								
TSI 3080 Classifier / TSI 3772 Counter								
78.1								
48.6								
29.47								
Test Results	Initial Resistance ("Pa) MPPS Determination (µm) Efficiency at MPPS (%) Projected Rating (Min.Integral for E10=85%)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border-bottom: 1px solid black; text-align: right;">622.7</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">0.0573</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">99.63290</td></tr> <tr><td style="border-bottom: 1px solid black; text-align: right;">E12</td></tr> </table>	622.7	0.0573	99.63290	E12		
622.7								
0.0573								
99.63290								
E12								



Media Resistance

	Air Flow (cm/s)	Resistance (Pascal)
	4.73	49.8
	9.45	169.4
	14.18	361.2
Test Flow Rate	18.90	622.7
	23.63	971.4
	28.35	1370.0



Comments

Requester Information	Test Requestor: Mads Bodjda Company Name: JP AIR TECH Company Address: NARVIKVEJ 7 4900 NAKSOKOV-DENMARK	Phone: +45 60185018 Email: mb@jpairtech.com Date Requested: 10/25/2016 Completion Date: 11/2/2016
	Test Performed by: Glen D Toloczko CAFS	

Blue Heaven Technologies

2820 S. ENGLISH STATION ROAD - LOUISVILLE, KY 40299
Tel: (502) 357-0132

EN 1822
Test Report

Test No. 16-1829
Date: 02-Nov-16

Data - Initial Resistance

Airflow (cm/s)	Resistance (in WG)	(Pa)
4.73	0.20	49.8
9.45	0.68	169.4
14.18	1.45	361.2
18.90	2.50	622.7
23.63	3.90	971.4
28.35	5.50	1370.0

Data - Particle Removal Efficiency

Particle Size Range (μm)	MPPS	Particle Removal Efficiency	
		(μm)	(%)
22.50		0.0225	100.0000
26.90		0.0269	99.9140
33.40		0.0334	99.8990
38.50		0.0385	99.8053
44.50		0.0445	99.6805
51.40		0.0514	99.6347
57.30	MPPS	0.0573	99.6329
66.10		0.0661	99.7252
76.40		0.0764	99.7829
88.20		0.0882	99.8429
101.80		0.1018	99.8974
117.60		0.1176	99.9310
135.80		0.1358	99.9495
156.80		0.1568	99.9510
181.10		0.1811	99.9552
209.10		0.2091	99.9740
250.30		0.2503	99.9743
310.60		0.3106	99.9750
358.70		0.3587	99.9790
429.40		0.4294	99.9889