



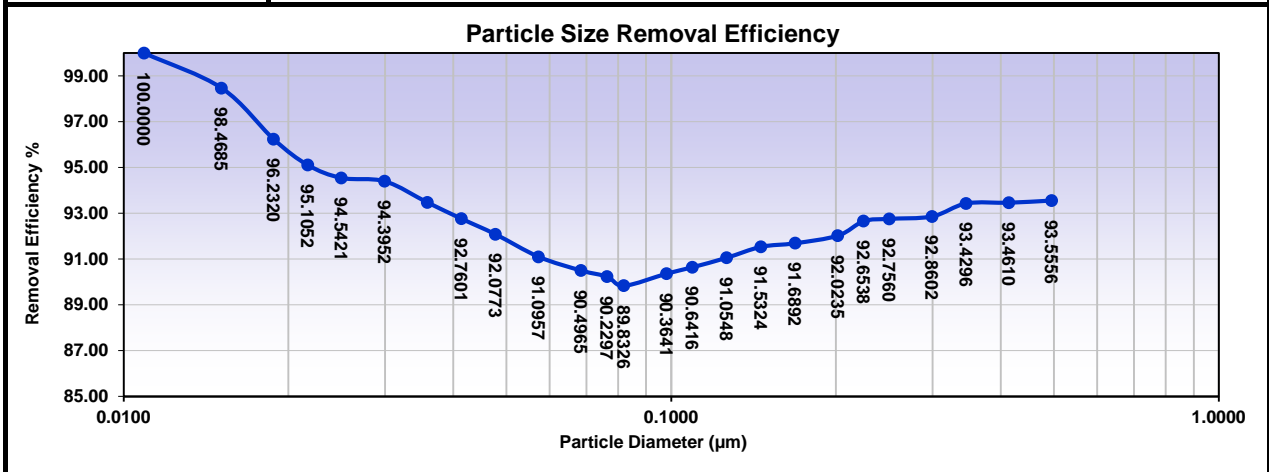
2820 S. English Station Road - Louisville, KY 40299
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 9-May-16 TEST NO. 16-0783

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

Efficiency / MPPS / Resistance

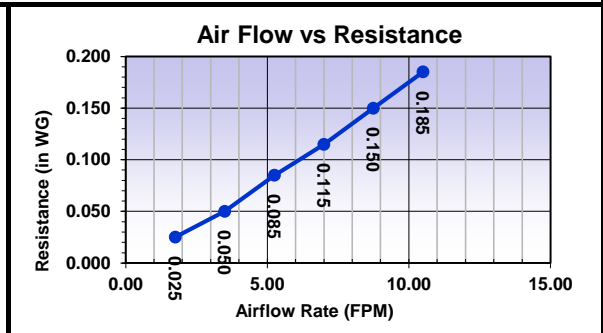
Media Information	Manufacturer: JP Air Tech Part Number / Media Identification: JX180-B-C PTFE Membrane Nominal Dimensions: 15" X 15" Media Type: Flat Sheet PTFE Media
Test Conditions	Test Air Flow Rate (FPM): 7 Challenge Aerosol: DEHS Particle Measurement Equipment: TSI 3080 Classifier / TSI 3772 Counter Test Air Temperature (°F): 75 Relative Humidity (%): 34 Barometric Pressure (Inches Hg): 29.17
Test Results	Initial Resistance ("WG): 0.115 MPPS Determination (µm): 0.0820 Efficiency at MPPS (%): 89.8326 Projected Rating (Min.Integral for E-10=85%): E-10



Media Resistance

Air Flow (FPM)	Resistance (in WG)
1.75	0.025
3.50	0.050
5.25	0.085
7.00	0.115
8.75	0.150
10.50	0.185

Test Flow Rate



Comments

Requester Information	Test Requestor: Jørgen Poulsen	Phone: +45 5495 0025
	Company Name: JP Air Tech	Email: jp@jpairtech.com
	Company Address: Narvikvej 7, DK-4900 Nakskov, Denmark	Date Requested: 4/25/2016
	Test Performed by: Glen D. Toloczko CAFS	Completion Date: 5/9/2016

Blue Heaven Technologies

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 Tel: (502) 357-0132

EN 1822
Test Report

Test No. 16-0783
 Date: 09-May-16

Data - Initial Resistance

Airflow (FPM)	Resistance (in WG)	
1.75	0.025	
3.50	0.050	
5.25	0.085	
7.00	0.115	
8.75	0.150	
10.50	0.185	

Data - Particle Removal Efficiency

Particle Size Range (µm)	MPPS	Particle Removal Efficiency	
		(µm)	(%)
10.90		0.0109	100.0000
15.10		0.0151	98.4685
18.80		0.0188	96.2320
21.70		0.0217	95.1052
25.00		0.0250	94.5421
30.00		0.0300	94.3952
35.90		0.0359	93.4678
41.40		0.0414	92.7601
47.80		0.0478	92.0773
57.30		0.0573	91.0957
68.50		0.0685	90.4965
76.40		0.0764	90.2297
82.00	MPPS	0.0820	89.8326
98.20		0.0982	90.3641
109.40		0.1094	90.6416
126.30		0.1263	91.0548
145.90		0.1459	91.5324
168.50		0.1685	91.6892
201.70		0.2017	92.0235
224.70		0.2247	92.6538
250.30		0.2503	92.7560
299.60		0.2996	92.8602
346.00		0.3460	93.4296
414.20		0.4142	93.4610
495.80		0.4958	93.5556