

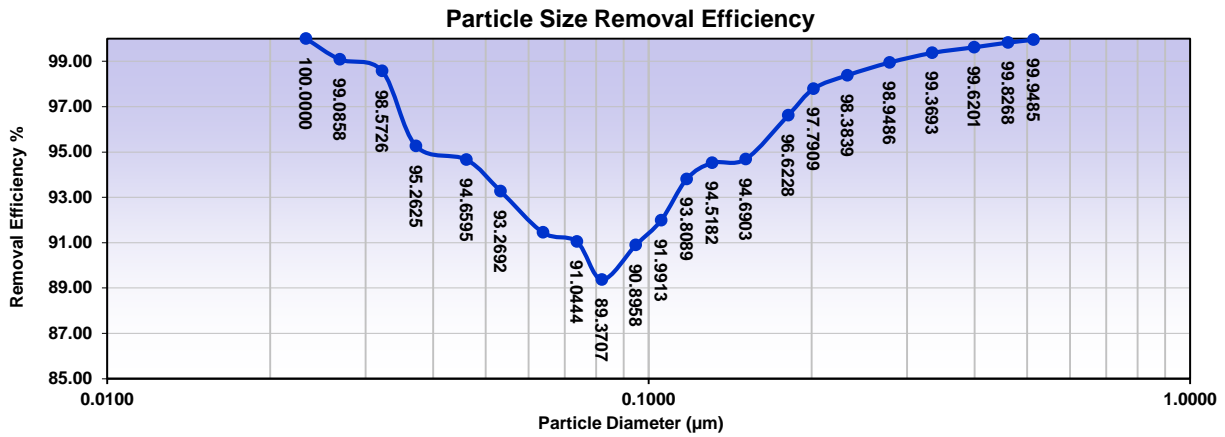


2820 S. English Station Road - Louisville, KY 40299
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 15-Nov-16 TEST NO. 16-1877

EN-1822-3:2009
Test Report
 Efficiency / MPPS / Resistance

| | | |
|--------------------------|---------------------------------------------|------------------------------------------|
| Media Information | Manufacturer | JP Air Tech |
| | Part Number / Media Identification | JX 254-B-PTFE-Membrane |
| | Nominal Dimensions | A4 |
| | Media Type | 100%BOCO Polyester + Thermal Bonded PTFE |
| Test Conditions | Test Air Flow Rate (FPM) | 7 |
| | Challenge Aerosol | DEHS |
| | Particle Measurement Equipment | TSI 3080 Classifier / TSI 3772 Counter |
| | Test Air Temperature (°F) | 74.4 |
| | Relative Humidity (%) | 33.5 |
| | Barometric Pressure (Inches Hg) | 29.28 |
| Test Results | Initial Resistance ("WG) | 0.315 |
| | MPPS Determination (µm) | 0.0820 |
| | Efficiency at MPPS (%) | 89.3707 |
| | Projected Rating (Min.Integral for E11=95%) | E10 |

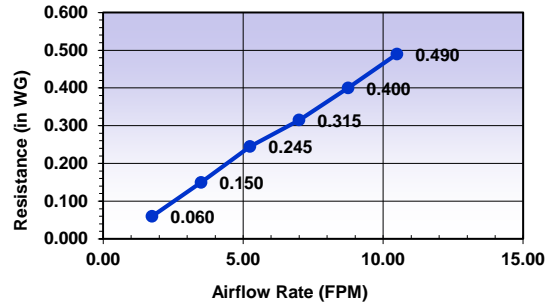


Media Resistance

| Air Flow (FPM) | Resistance (in WG) |
|----------------|--------------------|
| 1.75 | 0.060 |
| 3.50 | 0.150 |
| 5.25 | 0.245 |
| 7.00 | 0.315 |
| 8.75 | 0.400 |
| 10.50 | 0.490 |

Test Flow Rate

Air Flow vs Resistance



Comments

Requester Information

| | | | |
|--------------------|------------------------------------|------------------|------------------------------------------------------|
| Test Requestor | Mads Bojda | Phone: | +45 5495 0025 |
| Company Name | JP Air Tech | Email: | mb@pairtech.com |
| Company Address | Narvikvej 7, 4900 Nakskov, Denmark | Date Requested: | 11/8/2016 |
| Test Performed by: | Glen D. Toloczko CAFS | Completion Date: | 11/17/2016 |

Blue Heaven Technologies

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

EN 1822
Test Report

Test No. 16-1877
 Date: 15-Nov-16

Data - Initial Resistance

| Airflow (FPM) | Resistance (in WG) |
|---------------|--------------------|
| 1.75 | 0.060 |
| 3.50 | 0.150 |
| 5.25 | 0.245 |
| 7.00 | 0.315 |
| 8.75 | 0.400 |
| 10.50 | 0.490 |

Data - Particle Removal Efficiency

| Particle Size Range (µm) | MPPS | Particle Removal Efficiency | |
|--------------------------|------|-----------------------------|----------|
| | | (µm) | (%) |
| 23.30 | | 0.0233 | 100.0000 |
| 26.90 | | 0.0269 | 99.0858 |
| 32.20 | | 0.0322 | 98.5726 |
| 37.20 | | 0.0372 | 95.2625 |
| 46.10 | | 0.0461 | 94.6595 |
| 53.30 | | 0.0533 | 93.2692 |
| 63.80 | | 0.0638 | 91.4485 |
| 73.70 | | 0.0737 | 91.0444 |
| 82.00 | MPPS | 0.0820 | 89.3707 |
| 94.70 | | 0.0947 | 90.8958 |
| 105.50 | | 0.1055 | 91.9913 |
| 117.60 | | 0.1176 | 93.8089 |
| 131.00 | | 0.1310 | 94.5182 |
| 151.20 | | 0.1512 | 94.6903 |
| 181.10 | | 0.1811 | 96.6228 |
| 201.70 | | 0.2017 | 97.7909 |
| 232.90 | | 0.2329 | 98.3839 |
| 278.80 | | 0.2788 | 98.9486 |
| 333.80 | | 0.3338 | 99.3693 |
| 399.50 | | 0.3995 | 99.6201 |
| 461.40 | | 0.4614 | 99.8268 |
| 514.00 | | 0.5140 | 99.9485 |
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