



2820 S. English Station Road - Louisville, KY 40299

TEST NO. 16-0861A

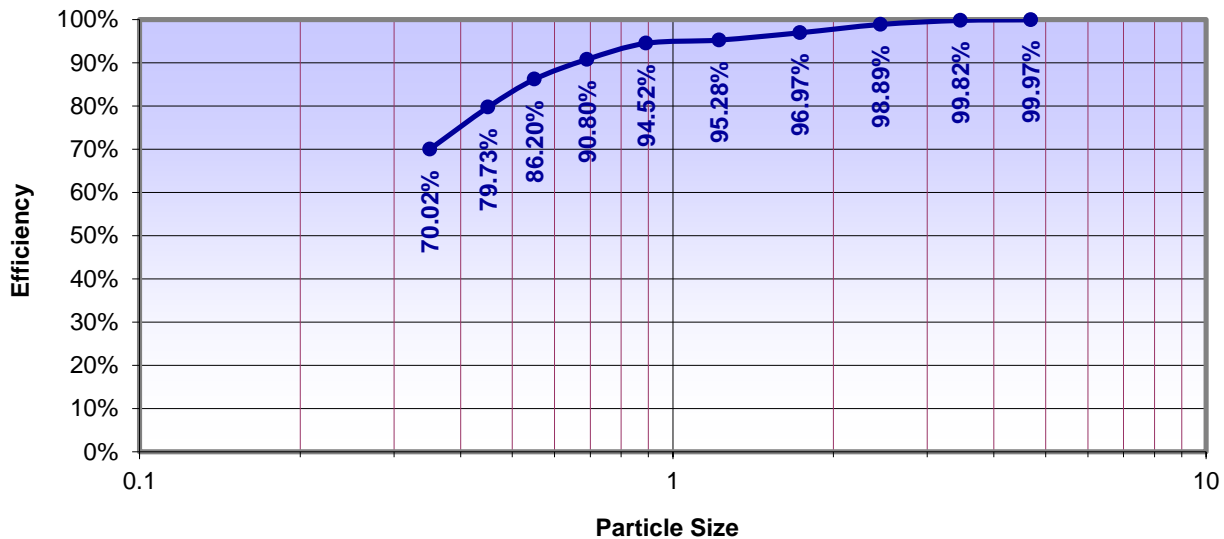
EN 779-2002 Initial Efficiency

Flat Sheet Initial Efficiency Test

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Filter Description	Manufacturer	JP Air Tech
	Filter Model	JX180-B-NANO-9
	Nominal Face Dimensions	8.5"X10"
	Media Type	Flat Sheet Media
Test Conditions	Test Air Flow Rate (FPM)	7
	Challenge Aerosol	DEHS
	Test Air Temp (degrees F.)	80.8
	Relative Humidity (%)	42
	Barometric Pressure (In. Hg.)	29.43
Test Results	Initial Resistance (Inches Water Gage)	0.035
	0.35 Micron Range Efficiency	70.02%
	0.45 Micron Range Efficiency	79.73%
	0.55 Micron Range Efficiency	86.20%
	0.69 Micron Range Efficiency	90.80%
	0.89 Micron Range Efficiency	94.52%
	1.22 Micron Range Efficiency	95.28%
	1.73 Micron Range Efficiency	96.97%
	2.45 Micron Range Efficiency	98.89%
	3.46 Micron Range Efficiency	99.82%
	4.69 Micron Range Efficiency	99.97%
Average Efficiency at 0.4 micrometers 74.88%		

Efficiency vs. particle size



Requestor Information	Test Requestor	Jørgen Poulsen	Phone:	+45 5495 0025
	Company Name	JP Air Tech	Email:	jp@jpairtech.com
	Company Address	Narvikvej 7, DK-4900 Naskov, Denmark	Date Requested:	5/25/2016
Test Operator Information	Test Performed by:	Glen Toloczko CAFS	Completion Date:	5/26/2016



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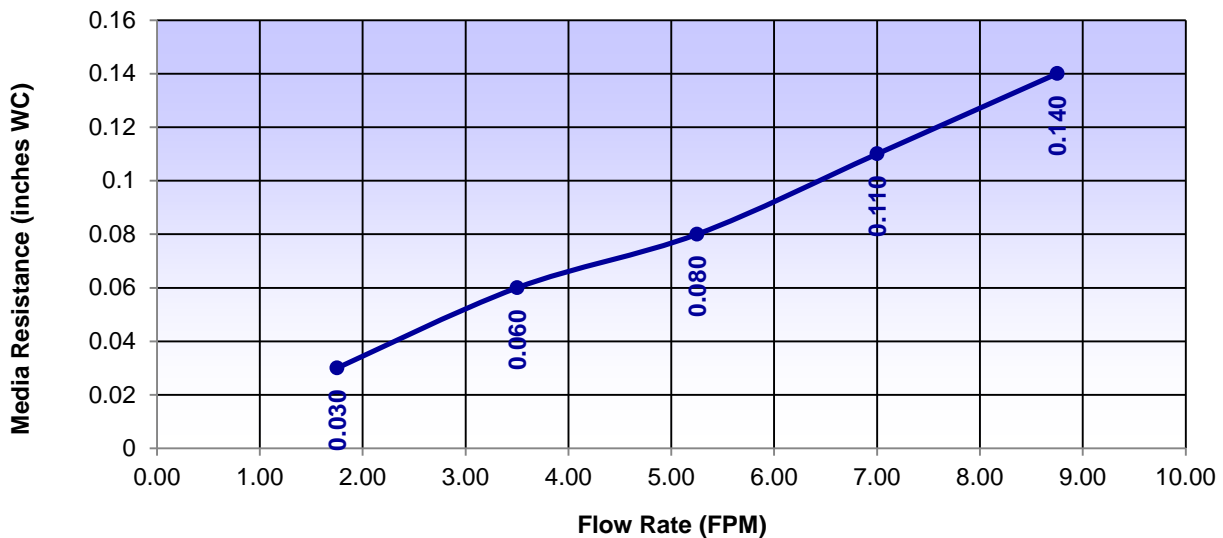
EN 779-2002 Initial Resistance

Flat Sheet Initial Resistance Test

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Filter Description	Manufacturer	JP Air Tech				
	Filter Model	JX180-B-NANO-9				
	Nominal Face Dimensions	8.5"X10"				
	Media Type	Flat Sheet Media				
Test Conditions	Test Air Flow Rate (FPM)	7				
	Test Air Temp (degrees F.)	80.8				
	Relative Humidity (%)	42				
	Barometric Pressure (In. Hg.)	29.43				
Media Resistance Data	Resistance Data (" H ₂ O)					
	FPM	1.75	3.50	5.25	7.00	8.75
	Resistance	0.030	0.060	0.080	0.110	0.140

Media Resistance vs. FLOW Rate



NOTES	

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