



2820 S. English Station Road - Louisville, KY 40299

TEST NO. 15-0826

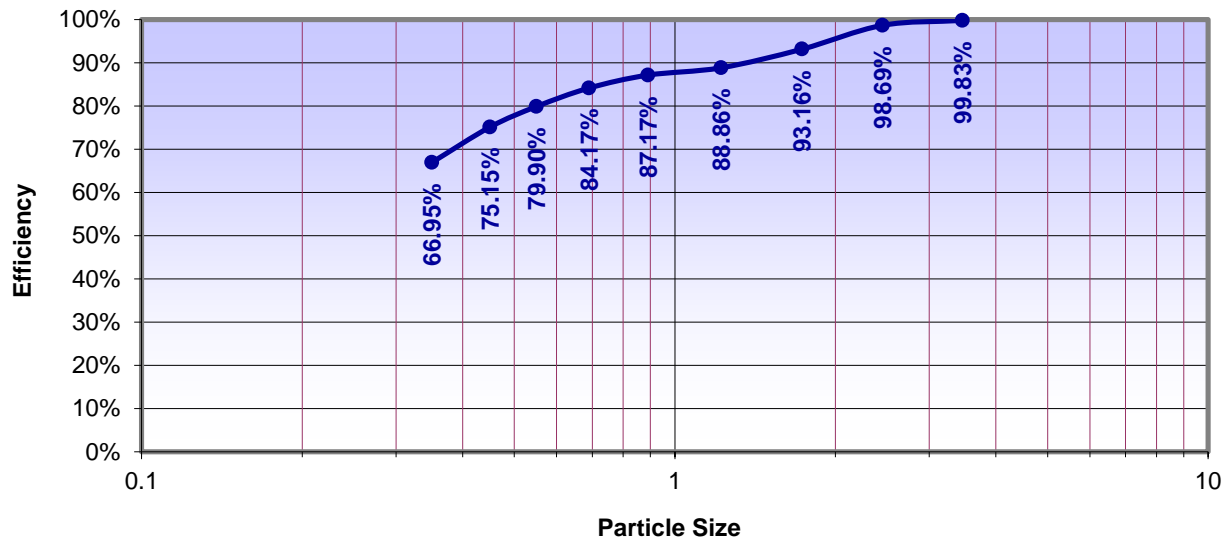
EN 779-2002 Initial Efficiency

Flat Sheet Initial Efficiency Test

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Filter Description	Manufacturer	JP Ait Tech
	Filter Model	JX 180 ALU + Nano-9
	Nominal Face Dimensions	24" X 24"
	Media Type	Flat Sheet
Test Conditions	Test Air Flow Rate (FPM)	10.5
	Challenge Aerosol	DEHS
	Test Air Temp (degrees F.)	75.3
	Relative Humidity (%)	45.3
	Barometric Pressure (In. Hg.)	29.21
Test Results	Initial Resistance (Inches Water Gage)	0.365
	0.35 Micron Range Efficiency	66.95%
	0.45 Micron Range Efficiency	75.15%
	0.55 Micron Range Efficiency	79.90%
	0.69 Micron Range Efficiency	84.17%
	0.89 Micron Range Efficiency	87.17%
	1.22 Micron Range Efficiency	88.86%
	1.73 Micron Range Efficiency	93.16%
	2.45 Micron Range Efficiency	98.69%
	3.46 Micron Range Efficiency	99.83%
Average Efficiency at 0.4 micrometers 71.05%		

Efficiency vs. particle size



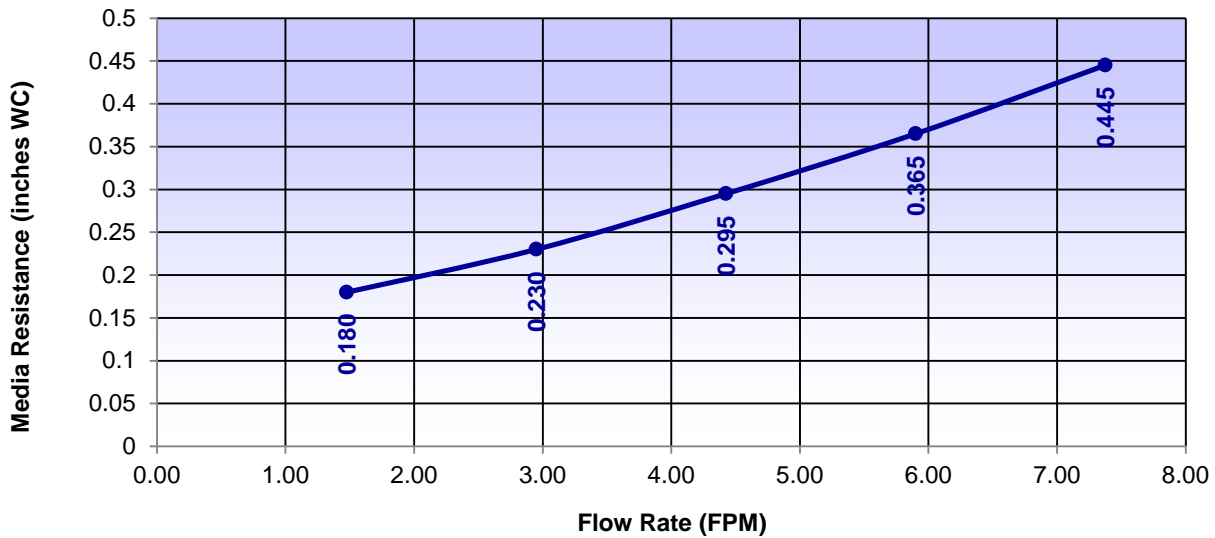
Requestor Information	Test Requestor	Joergen Poulsen	Phone Number	45-5495-25
	Company Name	JP Air Tech	Email	jp@jpairtech.com
	Company Address	Narvikvej 7 DK-4900; Denmark	Date Requested	6/5/2015
Test Operator Information	Test Performed by:	Glen Toloczko CAFS	Completion Date	6/12/2015

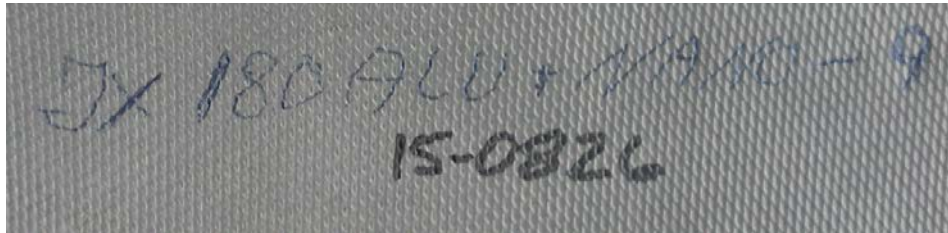
EN 779-2002 Initial Resistance

Flat Sheet Initial Resistance Test

Filter Description	Manufacturer	JP Ait Tech				
	Filter Model	JX 180 ALU + Nano-9				
	Nominal Face Dimensions	24" X 24"				
	Media Type	Flat Sheet				
Test Conditions	Test Air Flow Rate (FPM)	10.5				
	Test Air Temp (degrees F.)	75.3				
	Relative Humidity (%)	45.3				
	Barometric Pressure (In. Hg.)	29.21				
Media Resistance Data	Resistance Data (" H ₂ O)					
	FPM	1.48	2.95	4.43	5.90	7.38
	Resistance	0.180	0.230	0.295	0.365	0.445

Media Resistance vs. FLOW Rate



Media Photograph		
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