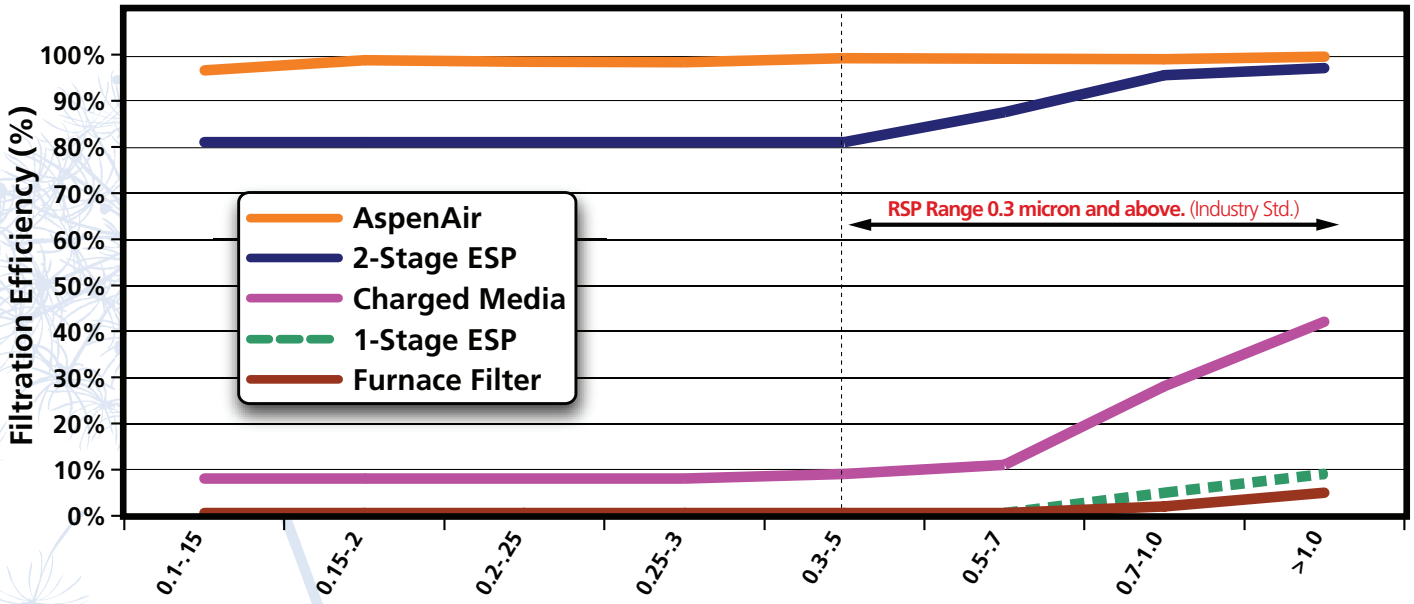
AspenAir Lab Test Certifications

MADE IN THE USA

AspenAir Filtration Performance Comparison



The AspenAir efficiency testing shown above was conducted by an independent, certified laboratory, which specializes in air filtration testing. AspenAir's systems were tested using a multiple pass format.

Note: The efficiencies of the comparative technologies shown above were taken from publicly available sources, in this case from the American Lung Association website (www.lungusa.org). This widely-published data illustrates the relative efficiencies of electronic air cleaners versus other air filtration methods.

Fractional Efficiency Testing

Laboratory: IBR Labs
Test Date: August, 2006
Test: Multi-Pass Loop Test
Product Tested: FM1220244
Contaminant: ISO Fine Dust
Note: Unit tested to 53% at .04 M

Particle Size	.1-.15	.16-.2	.21-.25	.26-.3	.31-.5	.51-.7	.71-1.0	>1.0	Total
% Capture	98%	98%	99%	99%	99%	100%	100%	100%	99%
Capture Rate Down to .1 Microns									99%
Capture Rate Down to .3 Micron (RSP)									99%

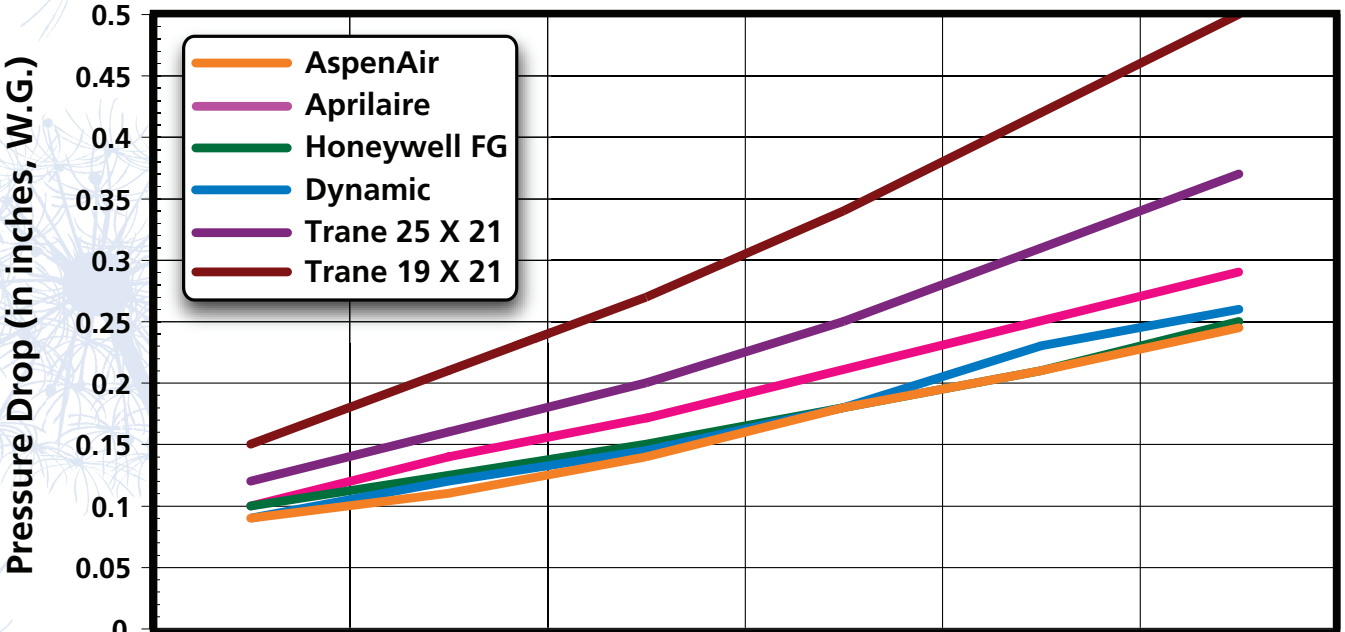
827 Arnold Drive, #160 • Martinez, CA 94553 • Ph: 888.326.0976 • Fax: 925.957.9795 • www.AspenAirInside.com

AspenAir® INSIDE

AspenAir Lab Test Certifications

MADE IN THE USA

Initial Pressure Drop Comparison



	1000 CFM	1200 CFM	1400 CFM	1600 CFM	1800 CFM	2000 CFM
AspenAir	0.09	0.11	0.14	0.18	0.21	0.245
Aprilaire	0.1	0.14	0.17			0.29
Honeywell FG	0.1	0.125	0.15	0.18	0.21	0.25
Dynamic	0.09	0.12	0.145	0.18	0.23	0.26
Trane 25 X 21	0.12	0.16	0.2	0.25	0.31	0.37
Trane 19 X 21	0.15	0.21	0.27	0.34	0.42	0.5

Static Pressure Testing

Laboratory: RTI International
Test Date: March, 2007
Test 1: Initial Static Pressure from 1000 - 2000 cfm
Test 2: Resistance for a Clean Unit from 1000 - 2000 cfm
Test 3: Resistance as ISO Fine Dust was fed @ 2000 cfm
Product Tested: FG242424
Contaminant: ISO Fine Dust
All results are shown in inches H20

Test Highlights:

Resistance of Test Unit without media :	0.038
Initial Resistance for a Clean Unit with media:	0.245
Resistance at Step One – Total dust fed 240 (g):	0.37
Resistance at Step Two – Total dust fed 628 (g):	0.50
Resistance at Step Three – Total dust fed 1217 (g):	0.62
Resistance at Step Four – Total dust fed 1893 (g):	0.75
Final Resistance at Step Five – Total dust fed 2373 (g):	1.02
Number of pounds (lb) of dust fed to achieve Final Resistance:	5.23 lb

827 Arnold Drive, #160 • Martinez, CA 94553 • Ph: 888.326.0976 • Fax: 925.957.9795 • www.AspenAirInside.com

AspenAir® INSIDE