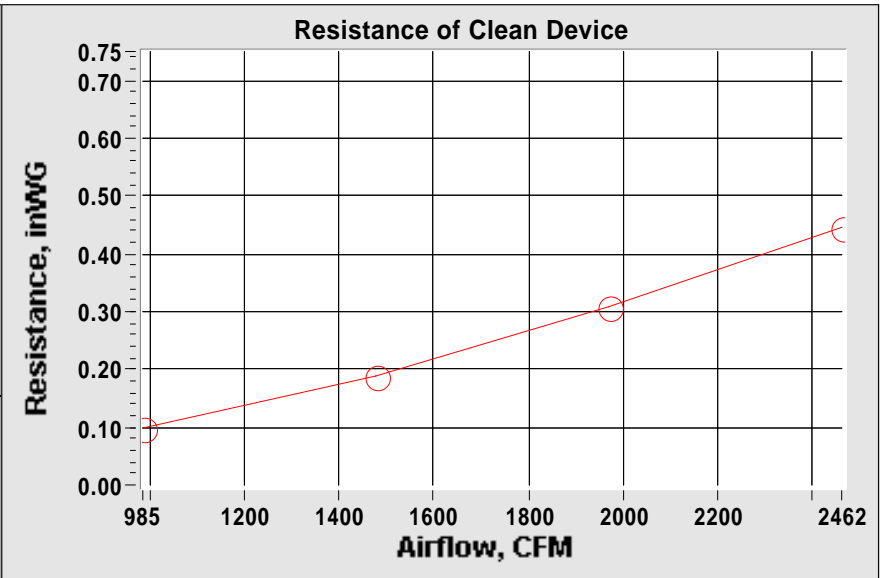




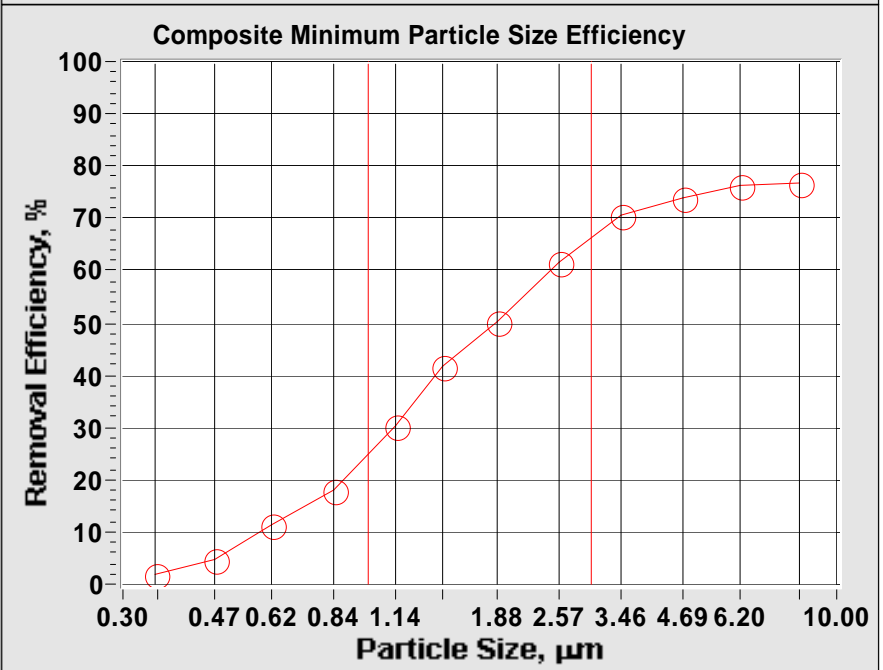
ASHRAE® 52.2-2007 Test Results

Filter Description		Test Number	200809261028	Date	09/26/08
Manufacturer	Model	Operator	A. Acain		
Camfil Farr	30/30®-M8 - QA				
Media Type	Part Number				
Cotton/Polyester	049880-005				
Media Color	Nominal Size (in)	Media Area (sqft)			
Green	24x24x2	17.3			
UL Rating	LabFile	Ref	Actual Size (in)		Pleats
Class 2	1480	1481	23 3/8	23 3/8	1.75 29



Test Results ASHRAE 52.2-2007

	Test Results	Rate	Final ΔP (inWG)	Test Results	Rate
Flow, (cfm)	1970	1970	1.00	1	1
ΔP, (inWG)	0.31	0.31	Avg EDS, (%)	29	25-30
MERV	8	8	Ini EDS, (%)	6	
E1, (%)	9	N/A	Arrest., (%)	90	92
E2, (%)	46	N/A	DHC, (g)	189	175
E3, (%)	74	>70			



Temp, (F)	RH, (%)	Test Aerosol	Loading Dust
65.9	44.9	KCL	ASHRAE

Comments

Certified Filter Test per ASHRAE 52.2-2007

Approval:	<i>Don Thornburg</i>	Date:	09/26/08
	Electronic Signature. Original on File.		

Camfil Farr Permission Required for Distribution



1 North Corporate Drive
Riverdale, NJ 07457
(973) 616-7300

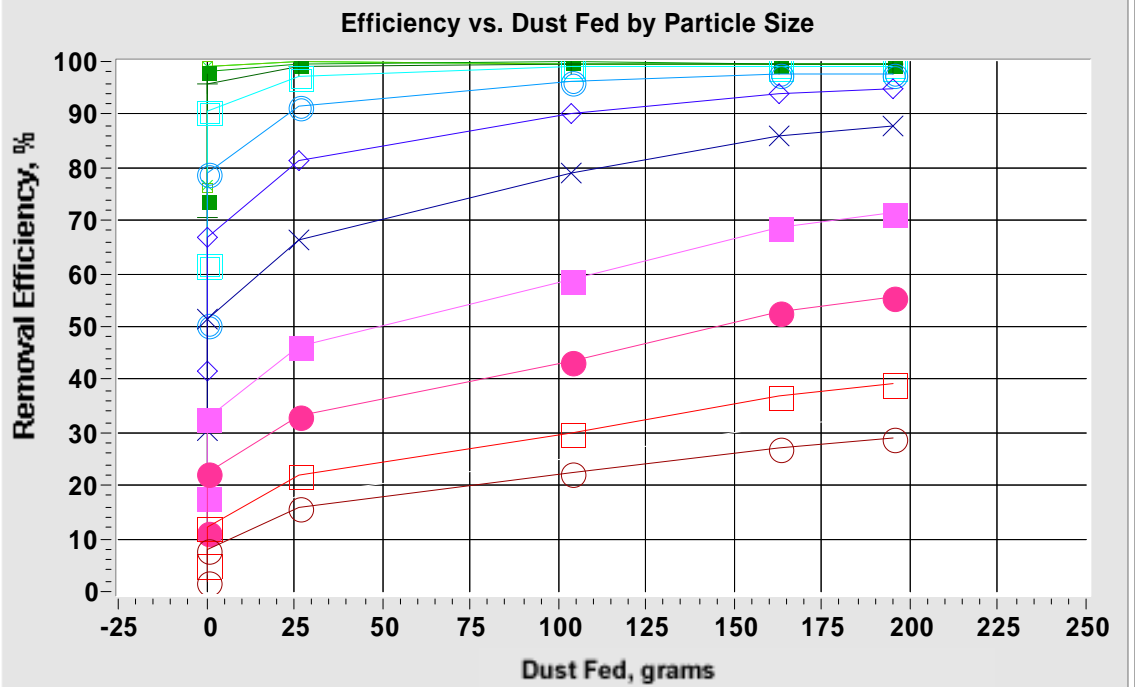
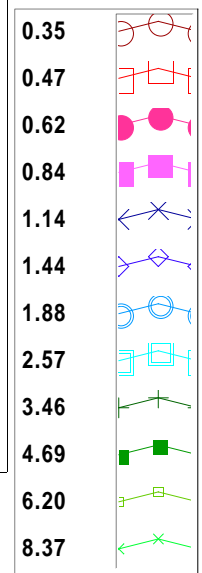


ASHRAE 52.2-2007 Test Results

Filter Description		Test Number	200809261028	Dat	09/26/08
Manufacturer	Model Number	Part Number	Nominal Size (in)	LabFile	
Camfil Farr	30/30®-M8 - QA	049880-005	24x24x2	1480	

Tabulated Test Results	1	2	3	4	5	6	7	8	9	10	11	12	13
Minimum Dia. um	0.30	0.40	0.55	0.70	1.00	1.30	1.60	2,20	3.00	4.00	5.50	7.00	0.35
Maximum Dia. um	0.40	0.55	0.70	1.00	1.30	1.60	2,20	3.00	4.00	5.50	7.00	10.00	0.45
Geometric Mean um	0.35	0.47	0.62	0.84	1.14	1.44	1.88	2.57	3.46	4.69	6.20	8.37	0.40
Initial	1.9	4.9	11.3	17.9	30.5	41.8	50.3	61.8	70.5	74.0	76.4	76.6	3.3
Conditioning Step	8.1	12.1	22.4	32.6	51.2	66.7	78.9	90.6	96.0	98.2	99.3	99.0	9.5
First Dust Load	15.8	22.0	33.1	46.3	66.3	81.5	91.4	97.2	99.1	99.7	99.8	99.9	18.3
Second Dust Load	22.6	29.8	43.5	59.1	78.8	90.3	96.1	98.9	99.7	99.8	99.7	99.6	25.3
Third Dust Load	27.3	36.8	52.6	68.7	86.1	93.9	97.7	99.2	99.6	99.7	99.7	99.5	31.1
Fourth Dust load	29.1	39.3	55.8	71.6	87.6	94.9	97.8	99.3	99.7	99.7	99.7	99.5	33.4
Composite Minimum	1.9	4.9	11.3	17.9	30.5	41.8	50.3	61.8	70.5	74.0	76.4	76.6	3.3

Metric Test Data				
Test Flow, (m3/s)	0.930			
ΔP, (Pa)	76.6			
Final ΔP, (Pa)	248.8			
Temp, (C)	18.8			
Clean Device Resistance Data				
	CFM	in WG	m3/s	Pa
1	985	0.10	0.465	24.9
2	1478	0.19	0.698	47.3
3	1970	0.31	0.930	76.6
4	2462	0.45	1.162	112.0




1 North Corporate Drive
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ASHRAE 52.2-2007 Test Results

Filter Description			
Test Number	200809261028	Date	09/26/08
Manufacturer	Model Number		
Camfil Farr	30/30®-M8 - QA		
Nominal Size (in)	LabFile	Part Number	
24x24x2	1480	049880-005	

Graph Legends



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Particle Size Eff. Data	
Initial	
Conditioning	
1st Load	
2nd Load	
3rd Load	
4th Load	

Arrestance, Eq. Dust Spot and 0.4um Eff vs. Dust Fed	
Arrestance	
Eqiv Dust Spot Eff.	
0.4um Eff.	

