



103 Cardinal Drive Simpsonville, KY 40067
 Phone: 502 494 5797 E-Mail: monroebritt@bellsouth.net

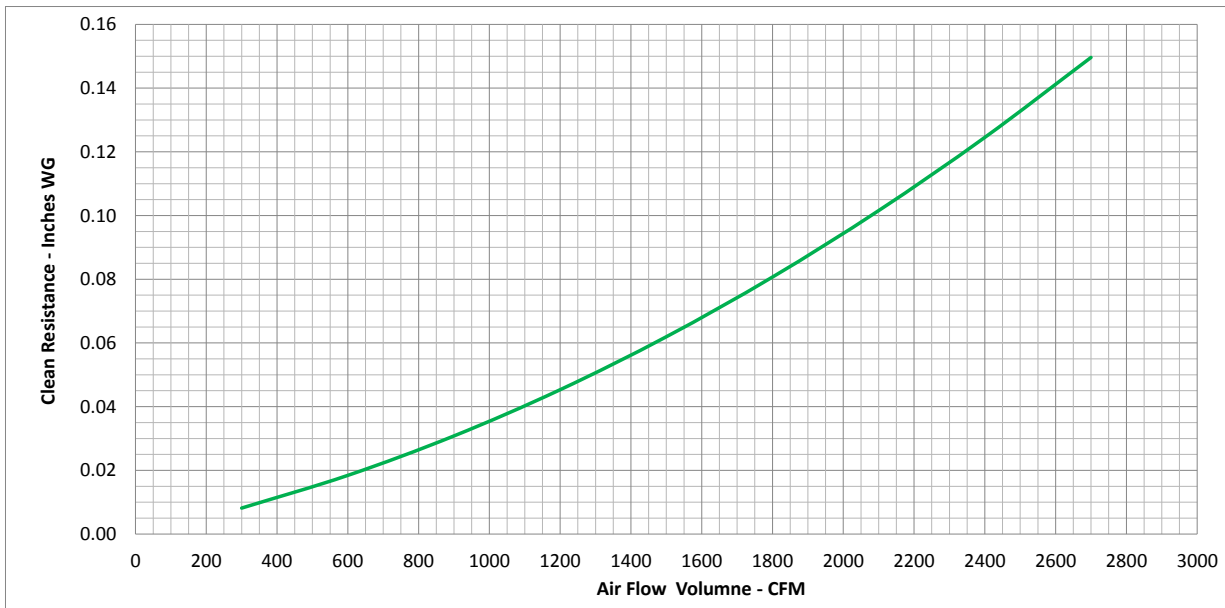
ASHRAE Air Filter
Test Report
 - w/o Photo's

Report No.
GLT 6388 RT
 Date:
14-Mar-18
 Page:
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52.2-2017 ASHRAE Test -- Resistance Traverse Only

Filter Description		Test Conditions	
Manufacturer:	PERMATRON	Air Flow (CFM)	1968
Product Name:	PrmaFlo Mist Eliminator	Face Velocity (FPM)	492
Model/Style Code:	PME-1	Air Temperature (°F)	69
Nominal Dimensions: (inches)	24w x 24h x 1d	Relative Humidity (%)	41
Product Description:	PermaFlo Mist Eliminator 1/2" Gray Rigid Pad	Barometric Pressure (In. HG)	29.31
		Type of Test Aerosol:	n/a
Number of Filter Panels:	1	Particle Counter:	n/a
Pleat Quantity (visible):	not applicable	Filter Loading Dust:	None
Pocket Quantity:	not applicable		
Media Type:	not specified		
Media Color:	Gray		
Effective Media Area:	4 sq. ft.		
Type of Dust Adhesive:	none		
Amount of Dust Adhesive:	not applicable		
Filter Procurement Method:	Provided by Manufacturer		
PME-1		Test Results	
<u>Air Flow vs Filter Resistance</u>			
		Air Flow	Resistance
		<u>CFM</u> <u>FPM</u>	<u>Inches WG</u>
		300 75	0.008
		600 150	0.018
		900 225	0.031
		1200 300	0.045
		1500 375	0.062
		1800 450	0.081
		2100 525	0.102
		2400 600	0.125
		2700 675	0.150

Clean Filter Resistance vs Face Air Velocity



Comments:

Approval: Monroe A. Britt
 14-Mar-18



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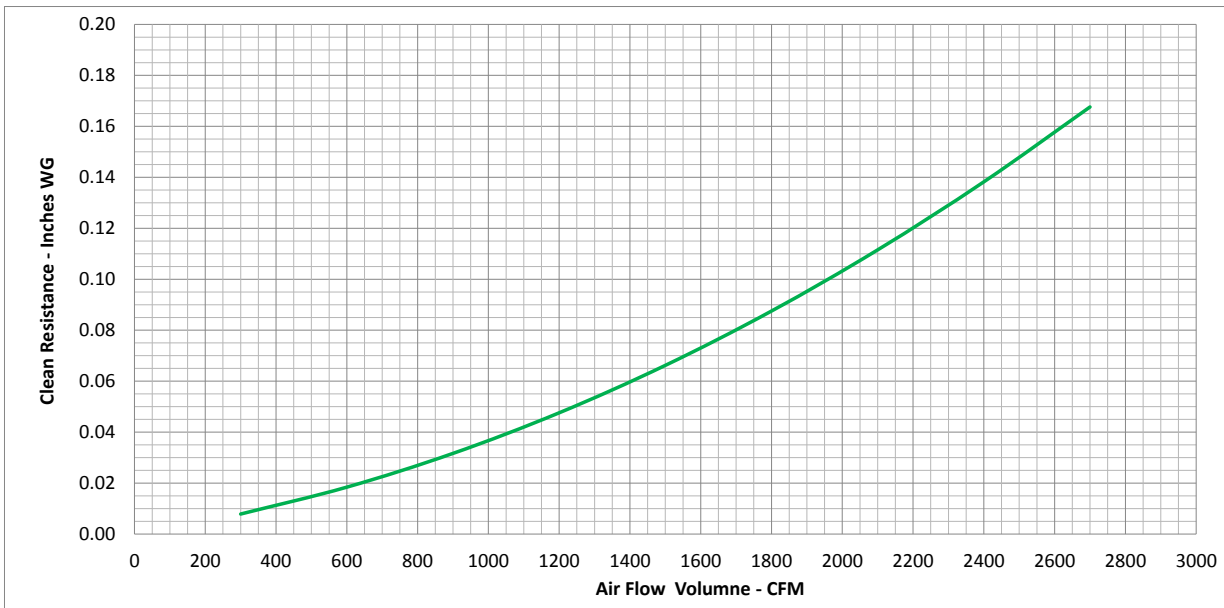
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Filter Description		Test Conditions	
Manufacturer:	PERMATRON	Air Flow (CFM)	1968
Product Name:	PermaFlo Mist Eliminator	Face Velocity (FPM)	492
Model/Style Code:	PME-2	Air Temperature (°F)	69
Nominal Dimensions: (inches)	24w x 24h x 2d	Relative Humidity (%)	35
Product Description:	PermaFlo Mist Eliminator 1" Gray Rigid Pad	Barometric Pressure (In. HG)	29.22
		Type of Test Aerosol:	n/a
Number of Filter Panels:	1	Particle Counter:	n/a
Pleat Quantity (visible):	not applicable	Filter Loading Dust:	None
Pocket Quantity:	not applicable		
Media Type:	not specified		
Media Color:	Gray		
Effective Media Area:	4 sq. ft.		
Type of Dust Adhesive:	none		
Amount of Dust Adhesive:	not applicable		
Filter Procurement Method:	Provided by Manufacturer		
PME-2		Test Results	
<u>Air Flow vs Filter Resistance</u>			
		Air Flow	Resistance
		<u>CFM</u> <u>FPM</u>	<u>Inches WG</u>
		300 75	0.008
		600 150	0.018
		900 225	0.032
		1200 300	0.048
		1500 375	0.066
		1800 450	0.088
		2100 525	0.112
		2400 600	0.138
		2700 675	0.168

Clean Filter Resistance vs Face Air Velocity



Comments:

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