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**ASHRAE Air Filter
 Test Report**

Report No.

GLT 209

Date:

3-Mar-10

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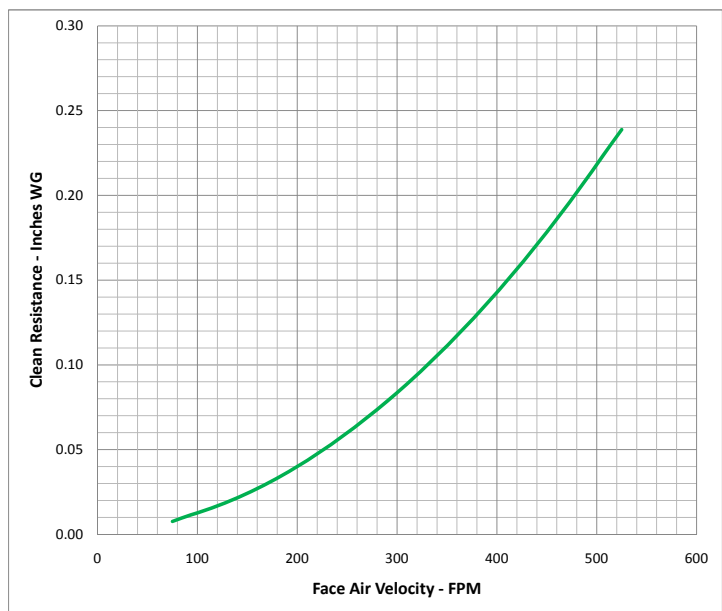
52.2-2007 ASHRAE Test -- Resistance Traverse

Filter Description		Test Conditions	
Manufacturer:	PERMATRON	Air Flow (CFM)	----
Product Name:		Face Velocity (FPM)	----
Model/Style Code:	DuraFoam 1 inch	Air Temperature (°F)	62
Nominal Dimensions: (inches)	24w x 24w x 1d	Relative Humidity (%)	36
Product Description:		Barometric Pressure (In. HG)	29.23
Polymer frame; front and rear polymer grids; multi-layer polymer screen media		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:	polymer	Test Results	
Media Color:	black	<u>Air Flow vs Filter Resistance</u>	
Effective Media Area:	4 sq. ft.	Air Flow	Resistance - In. WG
Type of Dust Adhesive:	none	<u>CFM</u> <u>FPM</u>	
Amount of Dust Adhesive:	not applicable		
Filter Procurement Method:	Provided by Manufacturer	300 75	0.01
Additional Information:		600 150	0.02
		900 225	0.05
		1200 300	0.08
		1500 375	0.13
		1800 450	0.18
		2100 525	0.24

Photograph of Air Entering Side of Filter



Filter Resistance vs Air Flow



Photograph of Label/Markings



Comments:

Approval: Monroe A. Britt
 3-Mar-10