



2820 S. English Station Road - Louisville, KY 40299

TEST NO. 17-042-1

Test Report - ISO 5011 Performance Testing

7.0 Test Procedure for dry-type air cleaners - Industrial Applications

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1. Test Unit

Manufacturer: Premium Filter SAS
 Part Number / Identifier: AIP-890 CA2125
 Pre-Cleaner: N/A
 Primary Element: Outer Dia. 278 mm X Inner Dia. 148 mm X Height 395 mm
 Secondary Element: N/A
 Dust Cap
 Tubular Inlet
 Unloader Valve
 Non-Tubular Inlet: Cylindrical Air Filter
 Outlet: 6.25"

2. Test Conditions

Test Dust: ISO Coarse A-4
 Pre Barometer (" Hg): 29.1
 Pre Temperature (°F): 68.9
 Pre-Test Humidity (%): 39.7
 Applied Method Direct Weighing Method Absolute Filter Method
 Rated Air Flow (CFM):
 Test Air Flow (CFM): 1000 Steady Variable
 Test Terminal Condition: 24.1" WG (6.0 kPa)
 Dust Feeder Type: ISO 5011 Injector
 Dust Concentration (g/ft³): 1.0 g/m³
 Number of dust injectors: 1
 Dust Batch Number: 12827C
 Post Barometer ("Hg): 29.13
 Post Temperature (°F): 69.5
 Post Test Humidity (%): 39.7

3. Test Results

Restriction (at test air flow): 4.7 " WG
 Differential Pressure: 4.7 " WG
 Pressure Loss: 0 " WG
 Initial Efficiency: 99.54 %
 Full-Life Efficiency: 99.94 %
 Pre-Cleaner Efficiency: N/A %
 Capacity: 1480.37g at 24.1"WG Terminating Point grams
 460.21g at 15.0"WG

4. Comments

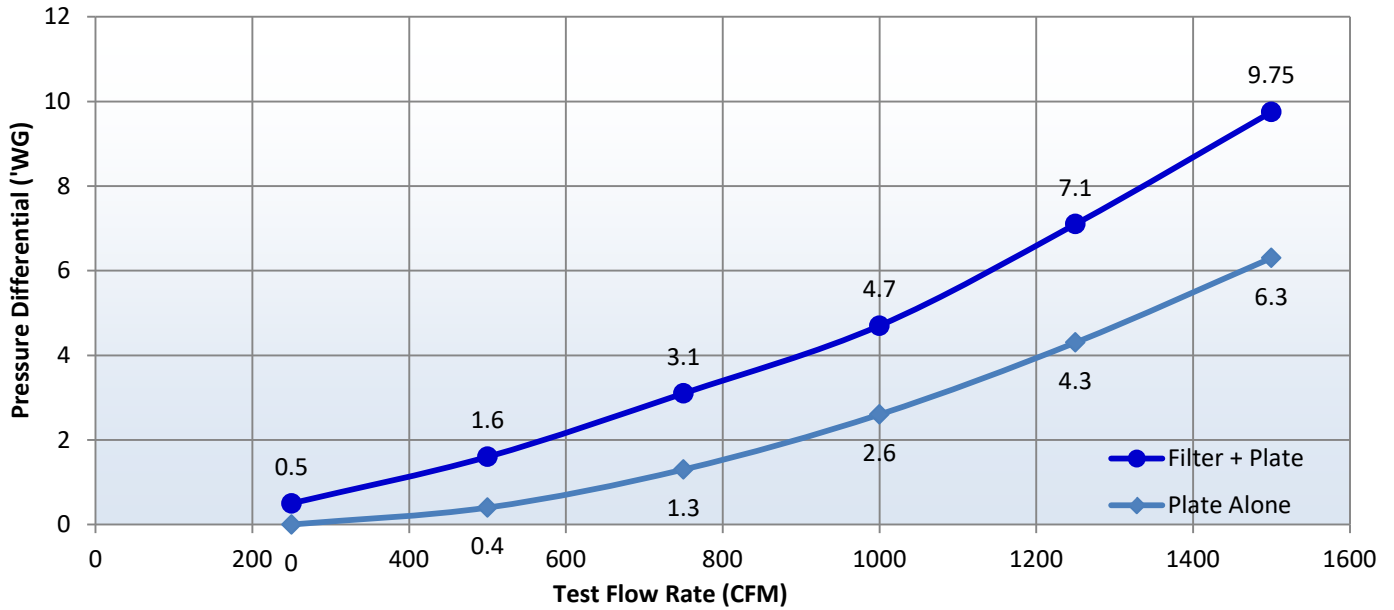
Requestor Information

Test Requestor: Harvey Alexander Pulido
 Company Name: Premium Filters SAS
 Company Address: Autop Norte KM 36, TOC, CUND, Color
 Phone Number: (571)-421-1077
 Email: rencia@premiumfilters.com
 Date Requested: 1/16/2017

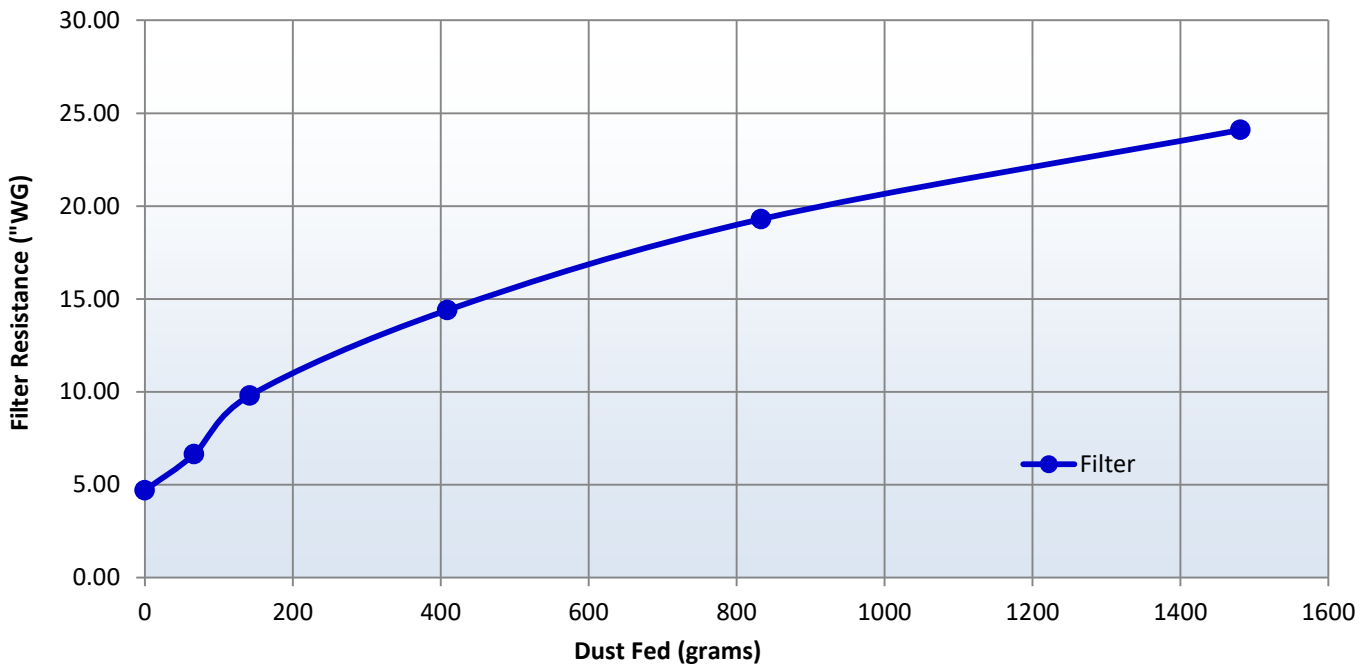
Test Operator Information

Test Performed by: Glen Toloczko CAFS
 Completion Date: 2/9/2017

Air Cleaner Restriction / Differential Pressure vs. Flow Rate



Dust Fed vs. Resistance



Requestor Information	Test Requestor <u>Harvey Alexander Pulido</u>	Phone Number <u>(571)-421-1077</u>
	Company Name <u>Premium Filters SAS</u>	Email: <u>gerencia@premiumfilters.com.c</u>
Test Operator Information	Company Address <u>Autop Norte KM 36, TOC, CUND</u>	Date Requested <u>1/16/2017</u>
	Test Performed by: <u>Glen Toloczko CAFS</u>	Completion Date <u>2/9/2017</u>

Pretest Filter



Post Test Photo - Front



Post Test Photo - Detail



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