



2820 S. English Station Road - Louisville, KY 40299

TEST NO. 15-1521

Test Report - ISO 5011 Performance Testing

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

page 1 of 3

1. Test Unit

Manufacturer: Premium Filter SAS
 Part Number / Identifier: AIP-748
 Pre-Cleaner: N/A
 Primary Element: 10.83" OD X 15.55" L 200 Pleats (1.57" depth)
 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): 29.43
 Pre Temperature: (°F): 73
 Pre-Test Humidity (%): 39.4
 Applied Method Direct Weighing Method Absolute Filter Method
 Rated Air Flow (CFM):
 Test Air Flow (CFM): 1000 Steady Variable
 Test Terminal Condition: 15.0" Pressure Drop above start pressure at 1000 CFM
 Dust Feeder Type: ASHRAE feeder
 Dust Concentration (g/ft³): (0.5 grams per cubic meter)
 Number of dust injectors: 1
 Dust Batch Number: 12182C
 Post Barometer ("Hg): 29.41
 Post Temperature (°F): 82
 Post Test Humidity (%): 40.2

3. Test Results

Restriction (at test air flow): **4.88** " WG
 Differential Pressure: **4.88** " WG
 Pressure Loss: **0** " WG
 Initial Efficiency: **98.63** %
 Full-Life Efficiency: **98.05** %
 Pre-Cleaner Efficiency: **N/A** %
 Capacity: **1110.51 g DHC at 19.88" WG** grams

4. Comments

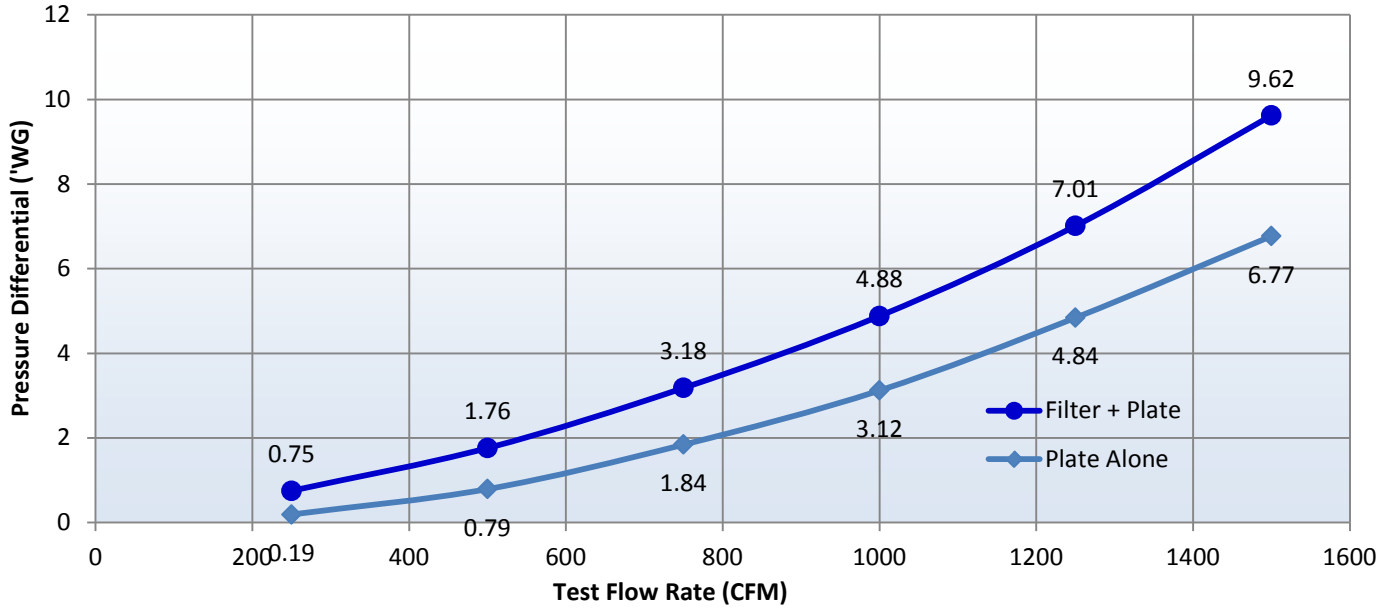
Requestor Information

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: 9/22/2015

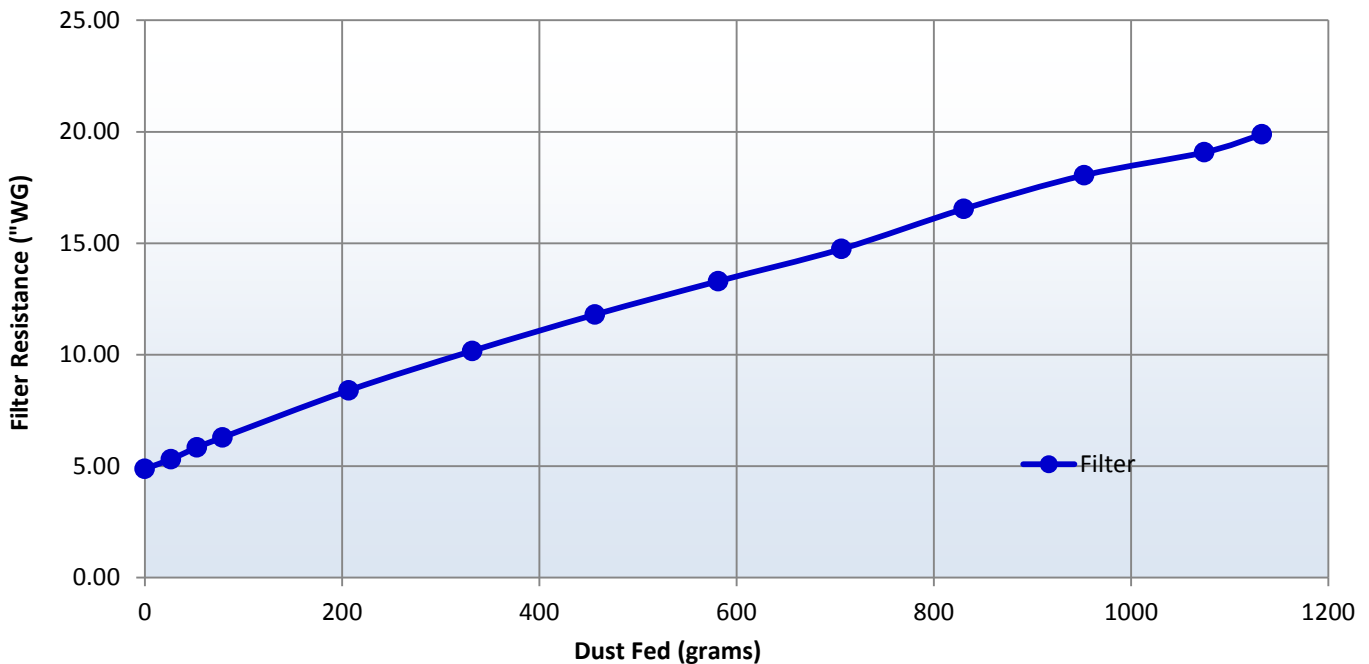
Test Operator Information

Test Performed by: Tyler Shoulders
 Completion Date: 10/5/2015

Air Cleaner Restriction / Differential Pressure vs. Flow Rate



Dust Fed vs. Resistance


Requestor Information

 Test Requestor Harvey Alexander Pulido
 Company Name Premium Filters SAS
 Company Address Autop Norte KM 36, TOC, CUND

 Phone Number (571)-421-1077
 Email: gerencia@premiumfilters.com.c
 Date Requested 9/22/2015
Test Operator Information

 Test Performed by: Tyler Shoulders

 Completion Date 10/5/2015