



THE FACTS ABOUT YOUR INTAKE & AIR FILTER

ISO 5011 Tested to Make Sure You Maximize Airflow While Still Protecting Your Engine.

Part Number:	Test Date:
Description:	Test Report #:
Vehicle Applications:	

TECHNICAL BULLETIN

There is a lot of misinformation in the marketplace. S&B publishes specific test results for each of our intakes & filters as shown below, so you can make an informed decision. Remember, improving your airflow is only good if your engine is still protected. That's the S&B difference!

<p>FACT: S&B Flows _____ Better than Stock. In tests performed in our climate controlled laboratory according to the ISO5011 Test Standard, S&B's intake kit (and filter) had significantly lower restriction (better airflow) than the stock intake system. See the graph on the next page.</p>	<p>WATCH OUT: Some competitors overstate airflow. If they state that their filter will flow, let's say 1000 cfm, without stating at what restriction level, they are trying to mislead you.</p>
--	---

Description	% S&B Flowed Better than Stock (tested @ _____ cfm)	Test Conditions
S&B Intake w/ Oiled Filter (Secondary Inlet - Open)		Barometric Pressure
S&B Intake w/ Oiled Filter (Secondary Inlet - Closed)		Airflow Setpoint
S&B Intake w/ Dry Filter (Secondary Inlet - Open)		Relative Humidity
S&B Intake w/ Dry Filter (Secondary Inlet - Closed)		Temperature
		Type of Dust
		Batch #
		Dust Feed Rate (grams/minute)

<p>FACT: S&B Protects Your Engine S&B Tests at the highest rated CFM for your vehicle when determining the efficiency rate (amount of dust the filter stops), so that we can be sure that your engine will be protected</p>	<table border="1"> <thead> <tr> <th>Description</th> <th>Efficiency Rate (Tested @ _____ cfm)</th> </tr> </thead> <tbody> <tr> <td>Stock</td> <td></td> </tr> <tr> <td>S&B Intake w/ Cleanable Filter</td> <td></td> </tr> <tr> <td>S&B Intake w/ Dry Filter</td> <td></td> </tr> </tbody> </table>	Description	Efficiency Rate (Tested @ _____ cfm)	Stock		S&B Intake w/ Cleanable Filter		S&B Intake w/ Dry Filter		<p>WATCH OUT: Some Competitors Use the Same Efficiency Rates for Multiple Part Numbers Many send one filter off to a lab to be tested at a low cfm and then publish this efficiency rate for all of their part numbers</p>
Description	Efficiency Rate (Tested @ _____ cfm)									
Stock										
S&B Intake w/ Cleanable Filter										
S&B Intake w/ Dry Filter										

Air Filter Restriction Test Report

Test #: 780
Sample #: 1
Filter #: A3248C
Housing #: STOCK
Date Code: 43809

BEN L
12/11/2019
GENERAL MOTORS
AC DELCO



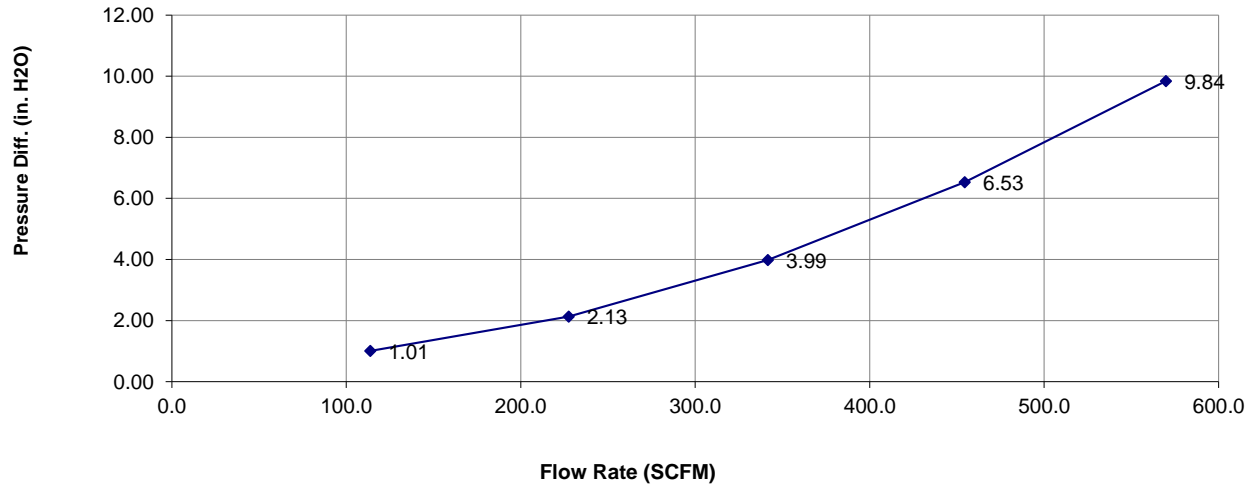
Test Description: STOCK AIR INTAKE RESTRICTION

Test Conditions

Barometric Pressure: 29.10413 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 37 %
Temperature: 73 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
114	1.01
227	2.13
342	3.99
455	6.53
570	9.84

Air Filter Restriction Test Report

Test #: 810
Sample #: 6
Filter #: KF-1076
Housing #: 75-5136
Date Code: 44085

BL
9/11/2020
S&B FILTERS
S&B FILTERS



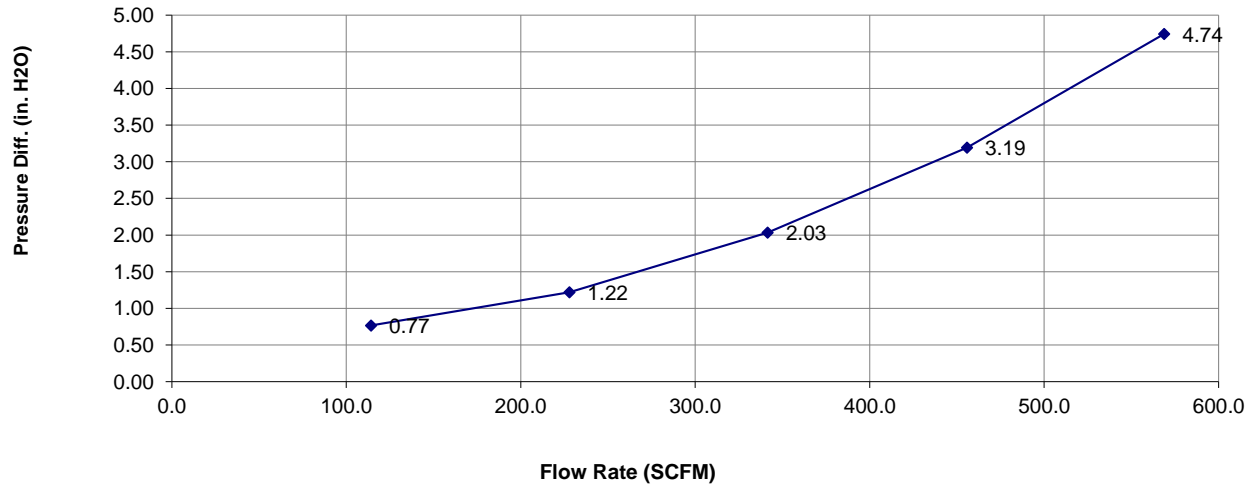
Test Description: PRODUCTION KIT, OILED FILTER, 170G OIL, BOX PLUG NOT INSTALLED

Test Conditions

Barometric Pressure: 28.89922 in. Hg
Air Flow Type: SCFM
Number of Pleats: 120
Flow Direction:

Relative Humidity: 43 %
Temperature: 67 deg. F
Pleat Depth: 1 in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
114	0.77
228	1.22
342	2.03
456	3.19
569	4.74

Air Filter Restriction Test Report

Test #: 810
Sample #: 5
Filter #: KF-1076
Housing #: 75-5136
Date Code: 44085

BL
9/11/2020
S&B FILTERS
S&B FILTERS



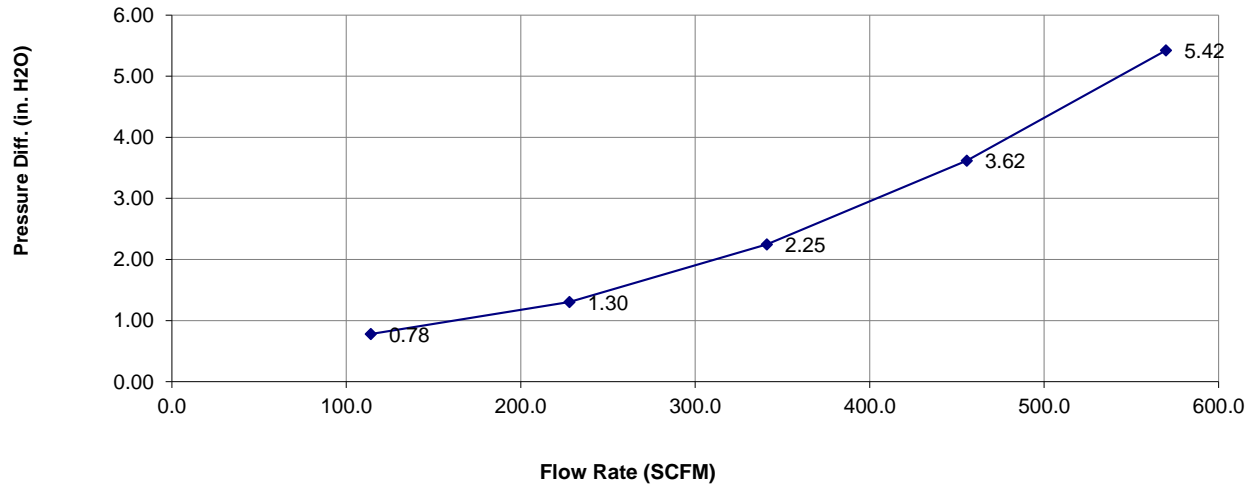
Test Description: PRODUCTION KIT, OILED FILTER, 170G OIL, BOX PLUG INSTALLED

Test Conditions

Barometric Pressure: 28.89454 in. Hg
Air Flow Type: SCFM
Number of Pleats: 120
Flow Direction:

Relative Humidity: 46 %
Temperature: 68 deg. F
Pleat Depth: 1 in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
114	0.78
228	1.30
341	2.25
456	3.62
570	5.42

Air Filter Restriction Test Report

Test #: 810
Sample #: 7
Filter #: KF-1076D
Housing #: 75-5136D
Date Code: 44085

BL
9/11/2020
S&B FILTERS
S&B FILTERS



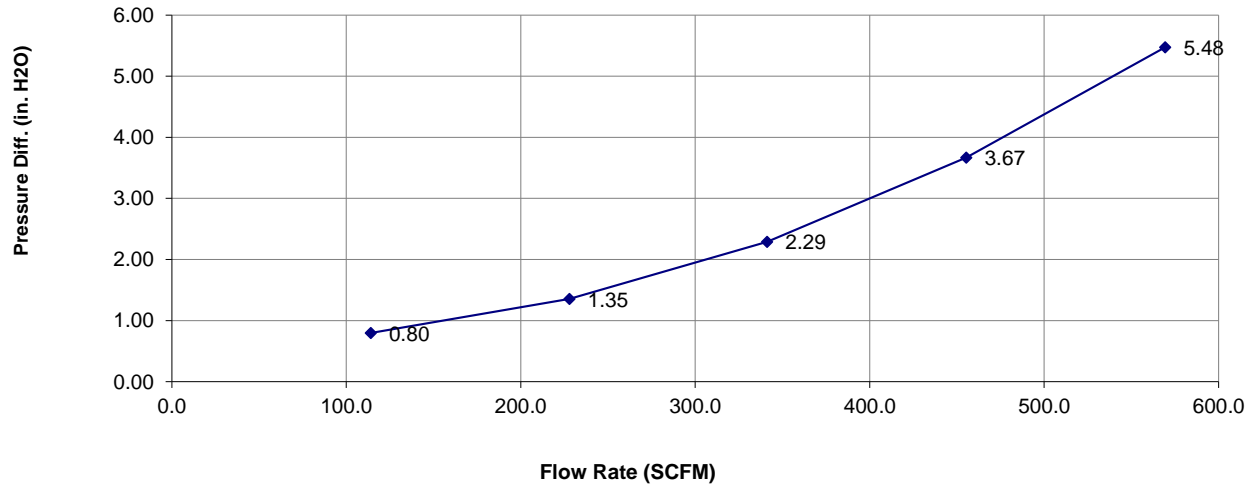
Test Description: PRODUCTION KIT, OILED FILTER, 20G OIL, BOX PLUG INSTALLED

Test Conditions

Barometric Pressure: 28.89858 in. Hg
Air Flow Type: SCFM
Number of Pleats: 160
Flow Direction:

Relative Humidity: 39 %
Temperature: 69 deg. F
Pleat Depth: 1 in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
114	0.80
228	1.35
341	2.29
455	3.67
569	5.48

Air Filter Restriction Test Report

Test #: 810
Sample #: 8
Filter #: KF-1076D
Housing #: 75-5136D
Date Code: 44085

BL
9/11/2020
S&B FILTERS
S&B FILTERS



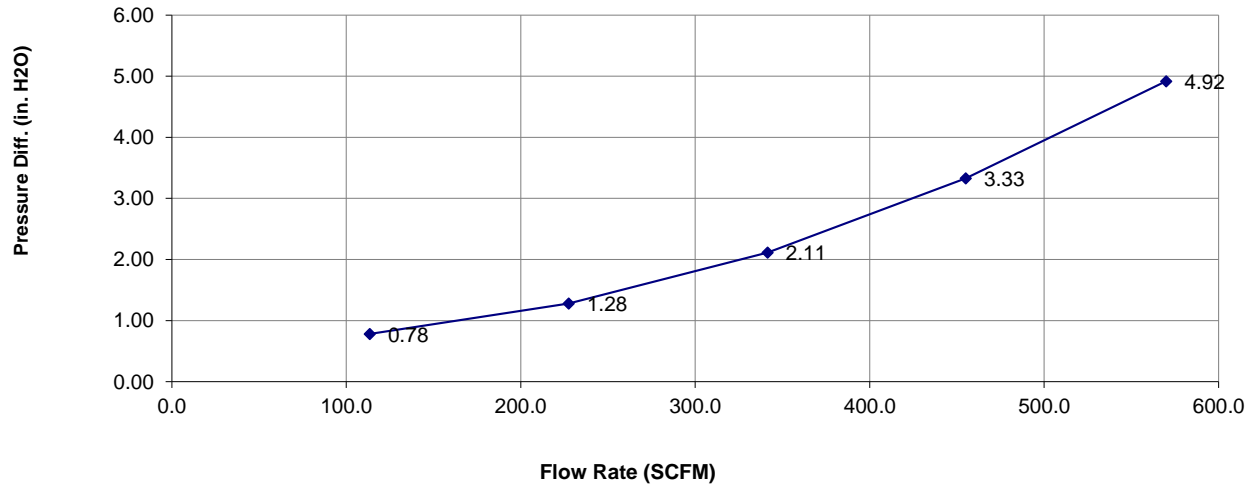
Test Description: PRODUCTION KIT, OILED FILTER, 20G OIL, BOX PLUG NOT INSTALLED

Test Conditions

Barometric Pressure: 28.89468 in. Hg
Air Flow Type: SCFM
Number of Pleats: 160
Flow Direction:

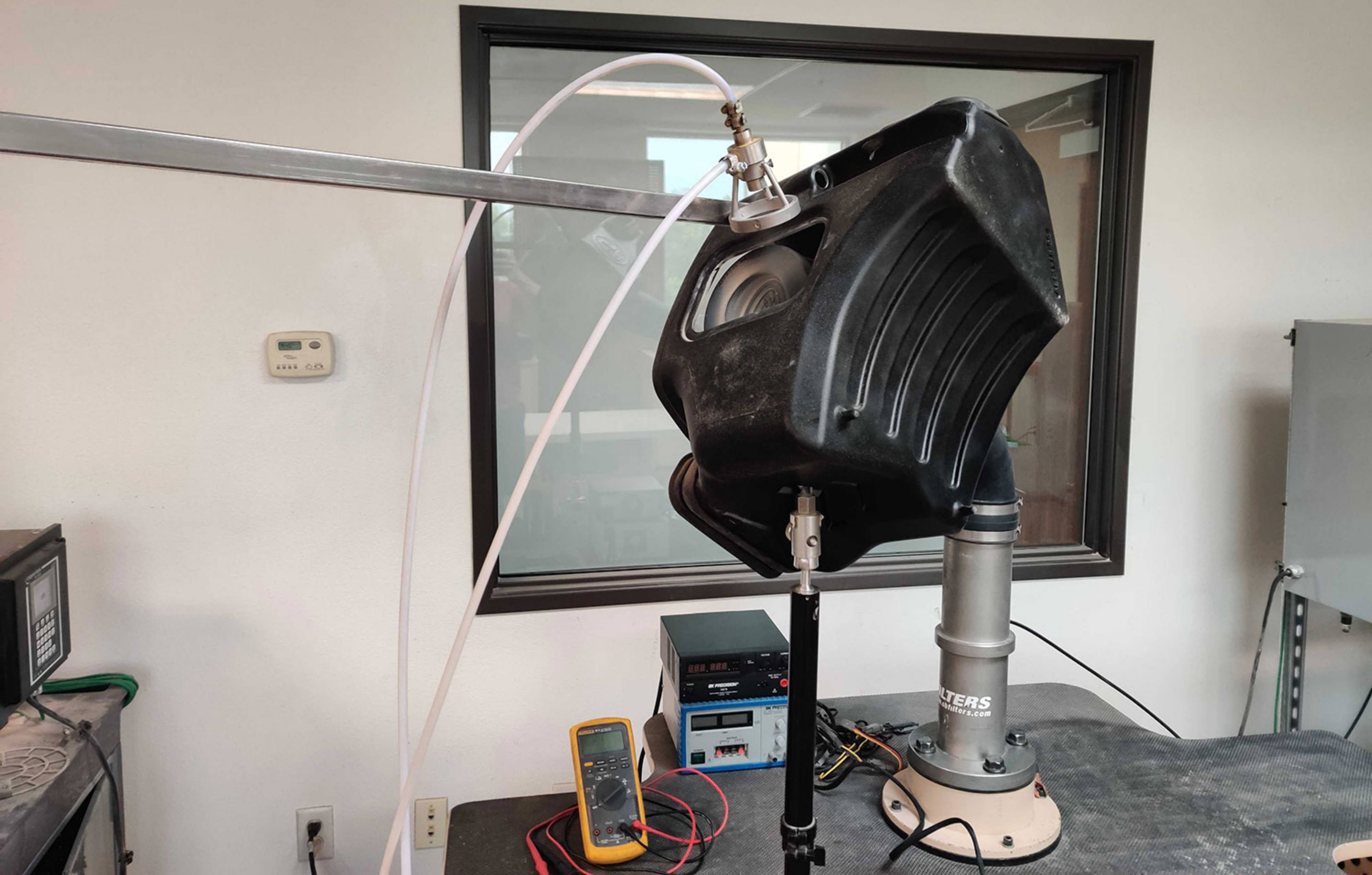
Relative Humidity: 41 %
Temperature: 69 deg. F
Pleat Depth: 1 in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
113	0.78
227	1.28
341	2.11
455	3.33
570	4.92



ALTERS
labfilters.com

