



Automotive & Powersports

# THE FACTS ABOUT YOUR INTAKE & AIR FILTER

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

<b>Part Number:</b>	<b>Test Date:</b>
<b>Description:</b>	<b>Test Report #:</b>
<b>Vehicle Applications:</b>	

## 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!

**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.

**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.

Description	% S&B Flowed Better than Stock (tested @ _____ cfm)	Test Conditions
S&B Intake w/ Cleanable Filter (Secondary Inlet - Open)		Barometric Pressure
S&B Intake w/ Cleanable 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)

**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

Description	Efficiency Rate (Tested @ _____ cfm)
Stock	
S&B Intake w/ Cleanable Filter	
S&B Intake w/ Dry Filter	

**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

# Air Filter Restriction Test Report

Test #: 858  
Sample #: 05R  
Filter #: KF-1076D  
Housing #: 75-5158D  
Date Code: 44631

JK  
3/11/2022



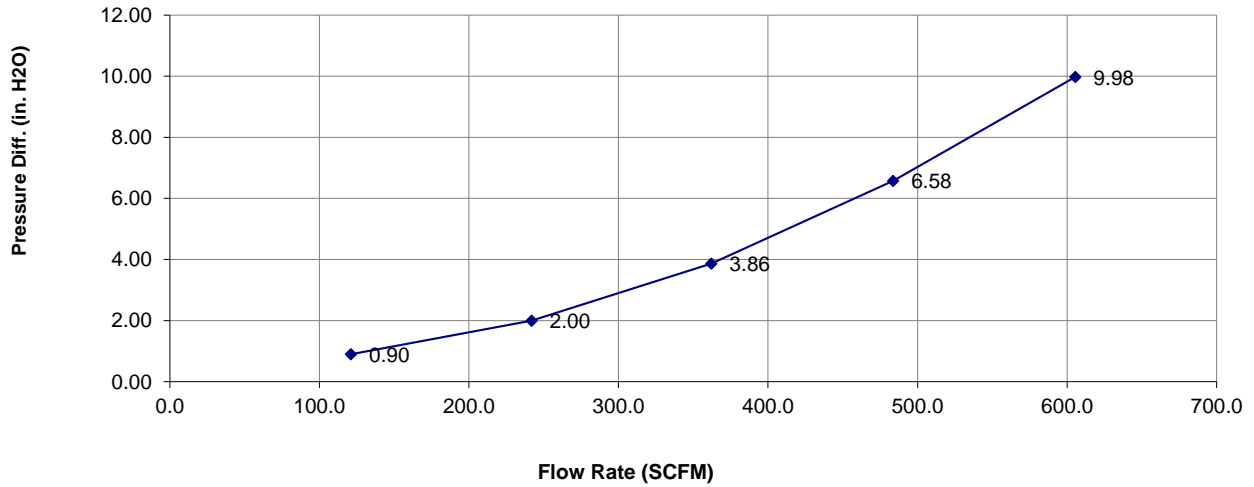
Test Description: 75-5158D RESTRICTION, NO PLUG, 606 CFM

## Test Conditions

Barometric Pressure: 29.15437 in. Hg  
Air Flow Type: SCFM  
Number of Pleats:  
Flow Direction:

Relative Humidity: 51 %  
Temperature: 69 deg. F  
Pleat Depth: in.

## Air Flow Curve



## Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
121	0.90
242	2.00
362	3.86
484	6.58
605	9.98

# Air Filter Restriction Test Report

Test #: 858  
Sample #: 07R  
Filter #: KF-1076D  
Housing #: 75-5158D  
Date Code: 44631

JK  
3/11/2022



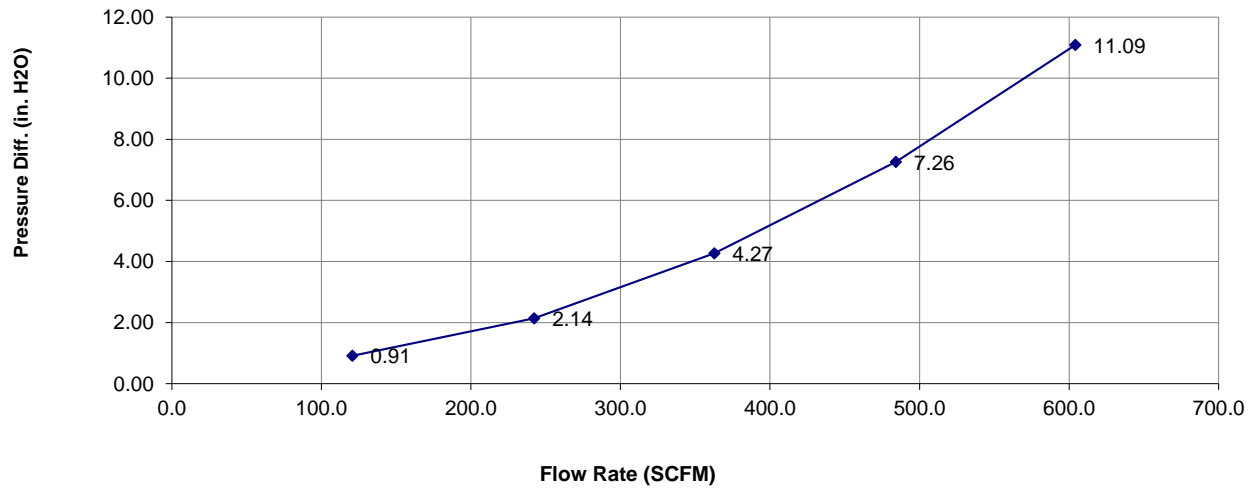
Test Description: 75-5158D RESTRICTION, WITH PLUG, NO INLET SEAL, 606 CFM

## Test Conditions

Barometric Pressure: 29.11586 in. Hg  
Air Flow Type: SCFM  
Number of Pleats:  
Flow Direction:

Relative Humidity: 50 %  
Temperature: 70 deg. F  
Pleat Depth: in.

## Air Flow Curve



## Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
121	0.91
242	2.14
363	4.27
484	7.26
604	11.09





# Air Filter Restriction Test Report

Test #: 858  
Sample #: 11R  
Filter #: KF-1076  
Housing #: 75-5158  
Date Code: 44635

JK  
3/15/2022



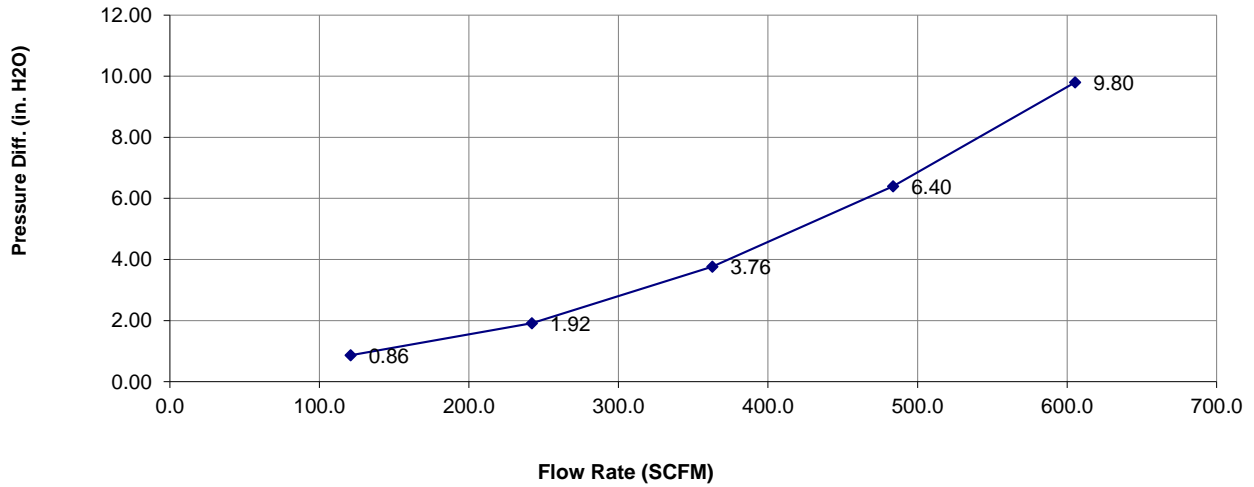
Test Description: 75-5158 RETSRICITION, NO PLUG, NO INLET SEAL, 606 CFM

## Test Conditions

Barometric Pressure: 29.00964 in. Hg  
Air Flow Type: SCFM  
Number of Pleats:  
Flow Direction:

Relative Humidity: 29 %  
Temperature: 75 deg. F  
Pleat Depth: in.

## Air Flow Curve



## Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
121	0.86
242	1.92
363	3.76
484	6.40
605	9.80



# Air Filter Restriction Test Report

Test #: 858  
Sample #: 13R  
Filter #: KF-1076  
Housing #: 75-5158  
Date Code: 44707

JK  
5/26/2022



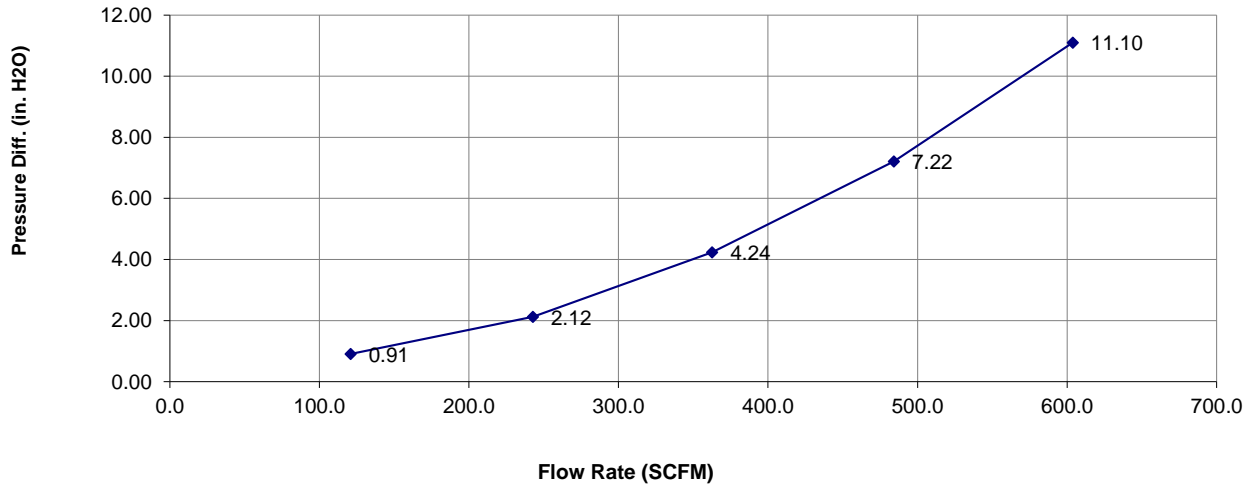
Test Description: 75-5158 RESTRICTION, 606 CFM

## Test Conditions

Barometric Pressure: 28.80292 in. Hg  
Air Flow Type: SCFM  
Number of Pleats:  
Flow Direction:

Relative Humidity: 46 %  
Temperature: 69 deg. F  
Pleat Depth: in.

## Air Flow Curve



## Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
121	0.91
243	2.12
363	4.24
484	7.22
604	11.10