

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!

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 #: 907-1R
Sample #: 1R
Filter #:
Housing #:
Date Code: 45086

FH
6/9/2023
FORD



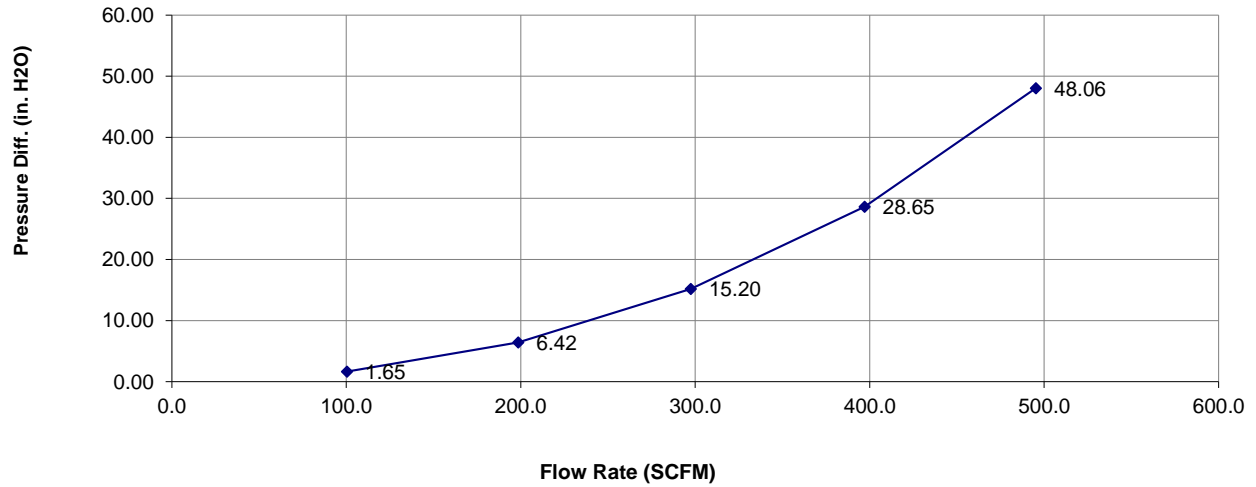
Test Description: 19-23 Ford Bronco Sport 2.3L Restriction Test Stock

Test Conditions

Barometric Pressure: 28.85426 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 53 %
Temperature: 70 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
100	1.65
199	6.42
297	15.20
397	28.65
495	48.06

Air Filter Restriction Test Report

Test #: 907-2R
Sample #: 2R
Filter #: KF-1057
Housing #: AL1396B-00
Date Code: 45089

FH
6/12/2023
S&B
S&B



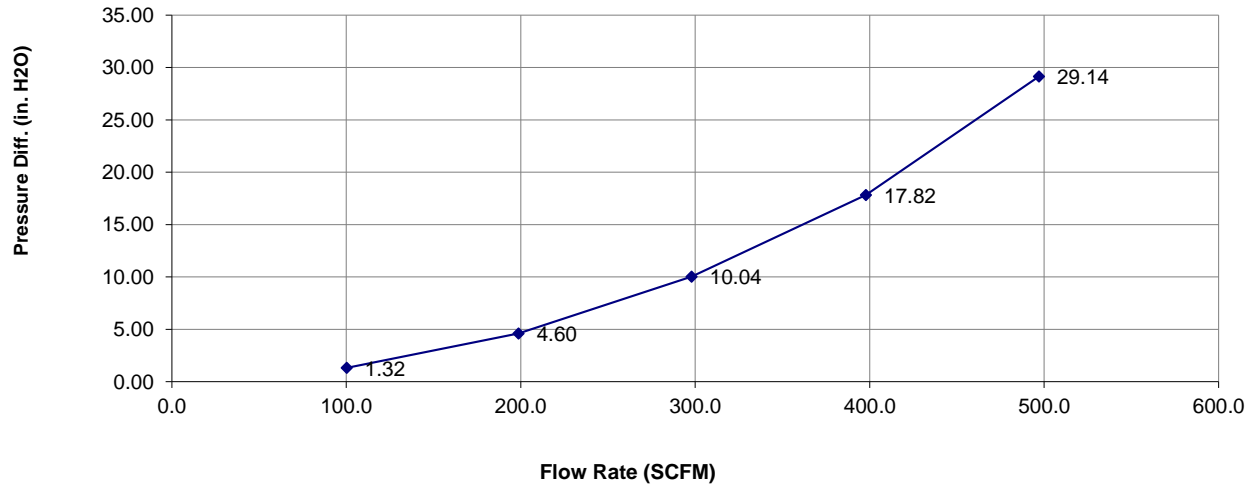
Test Description: 21-23, 75-5161 Ford Bronco Sport 2.3L Restriction Test KF-1057

Test Conditions

Barometric Pressure: 28.90031 in. Hg
Air Flow Type: SCFM
Number of Pleats: 100
Flow Direction:

Relative Humidity: 54 %
Temperature: 69 deg. F
Pleat Depth: 0.7 in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
100	1.32
199	4.60
298	10.04
398	17.82
497	29.14

Air Filter Restriction Test Report

Test #: 907-3R
Sample #: 3R
Filter #: KF-1057D
Housing #: AL1396B-00
Date Code: 2023.06.26

DC
6/26/2023
S&B
S&B



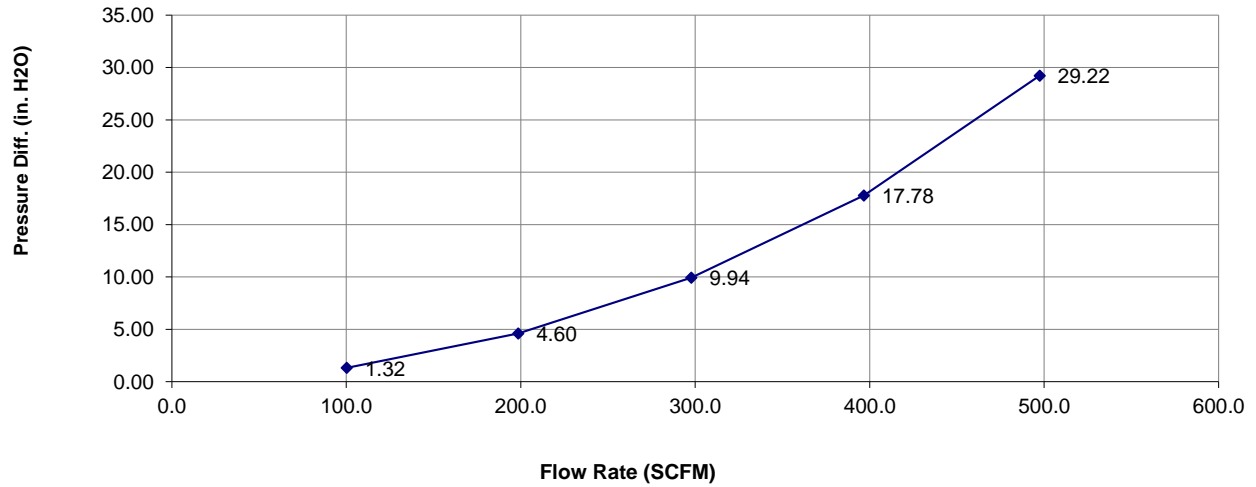
Test Description: 21-23 FORD BRONCO SPORT 2.3L 75-5161D S&B INTAKE RESTRICTION TEST

Test Conditions

Barometric Pressure: 28.72968 in. Hg
Air Flow Type: SCFM
Number of Pleats: 100
Flow Direction:

Relative Humidity: 54 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
100	1.32
198	4.60
298	9.94
397	17.78
497	29.22



TEST LAB



TEST LAB

CAUTION



60424 g

TARE

TARE

ON

OFF

MODE

UNIT

PRINT



TARE

604.28

g

TARE

I/O

CF

CAL

F

⊙



sartorius
CP16001 S
69464 g
TARE
TARE
Max 16 kg 0.1g
I/O CF CAL F Q



TARE

60423 g

TARE

ON

CF

CAL

F

⏻





