



Automotive & Powersports THE FACTS ABOUT YOUR INTAKE & AIR

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

Part Number: 75-5084, 75-5084D
Description: Performance Intake Kit & Filter
Vehicle Applications: 2007 – 2011 Jeep Wrangler JK 3.8L

Test Date: 12/09/16
Test Report #: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

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 70.09% 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 over state airflow.

If they state that their filter will flow, lets say 1000 cfm, without stating at what restriction level, they are trying to mislead you.

Description	% S&B Flowed Better than Stock (tested @ 279 cfm)
S&B Intake w/ Cleanable Filter (Hood Seal Installed and Primary Inlet - Open)	70.09%
S&B Intake w/ Cleanable Filter (Hood Seal Installed and Primary Inlet - Closed)	69.83%
S&B Intake w/ Cleanable Filter (Clear Lid Installed and Primary Inlet - Open)	66.64%
S&B Intake w/ Dry Filter (Hood Seal Installed and Primary Inlet - Open)	69.83%
S&B Intake w/ Dry Filter (Hood Seal Installed and Primary Inlet - Closed)	69.48%
S&B Intake w/ Dry Filter (Clear Lid Installed and Primary Inlet - Open)	65.78%

TEST CONDITIONS

Barometric Pressure	28.98
Airflow Setpoint	279 cfm
Relative Humidity	50
Temperature	70.2F
Type of Dust	ISO Coarse
Batch #	13099C
Dust Feed Rate (grams/minute)	7.90

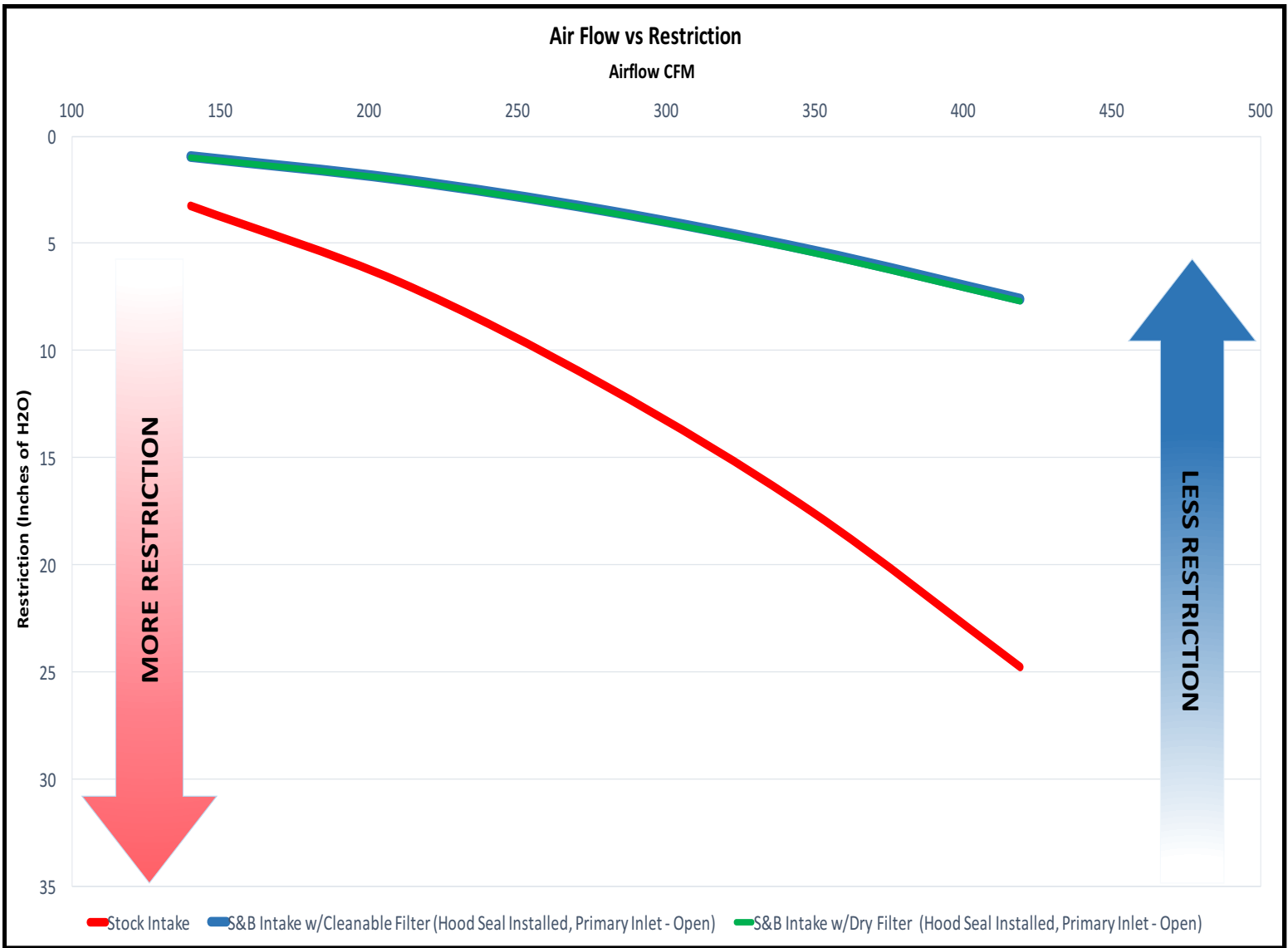
FACT: S&B Protects Your Engine

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 @ 279 cfm)
Stock	99.86%
S&B Intake w/ Cleanable Filter	99.51%
S&B Intake w/ Dry Filter	99.64%

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 #: 442
Sample #: 1
Filter #: 68257791AA-001
Housing #:
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



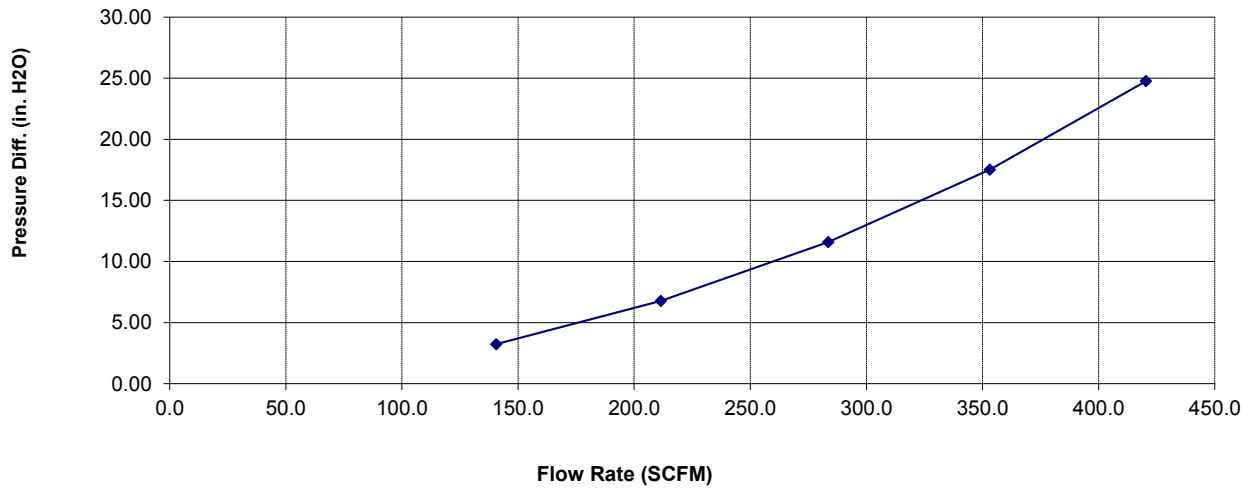
Test Description: STOCK INTAKE AND FILTER, NO CCV, NO SENSOR

Test Conditions

Barometric Pressure: 28.92616 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 50 %
Temperature: 68 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
141	3.24
211	6.78
284	11.60
353	17.52
420	24.76

Air Filter Restriction Test Report

Test #: 442
Sample #: 2
Filter #: KF-1057
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



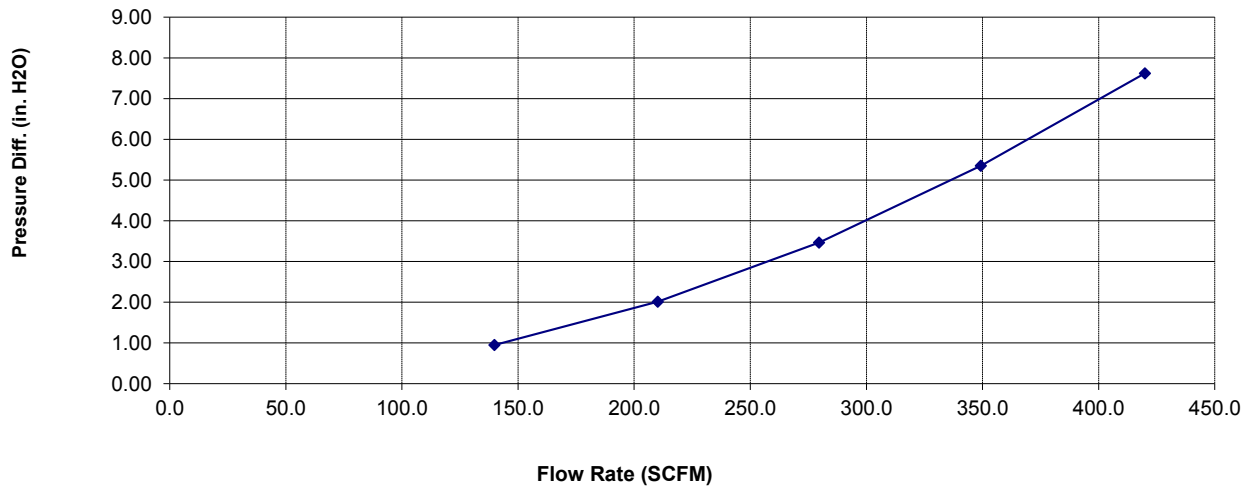
Test Description: 75-5084 PRODUCTION KIT, HOOD SEAL INSTALLED, AIR BOX PLUG REMOVED, NO CCV, NO SENSOR

Test Conditions

Barometric Pressure: 29.04604 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 49 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	0.95
210	2.01
280	3.47
349	5.35
420	7.62

Air Filter Restriction Test Report

Test #: 442
Sample #: 3
Filter #: KF-1057
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



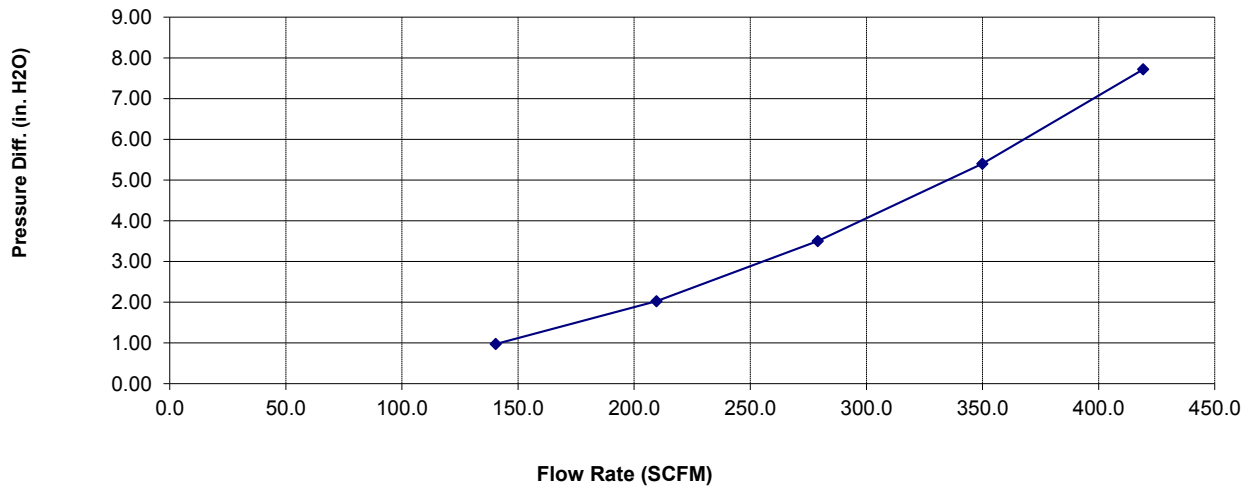
Test Description: 75-5084 PRODUCTION KIT, HOOD SEAL INSTALLED, AIR BOX PLUG INSTALLED, NO CCV, NO SENSORS

Test Conditions

Barometric Pressure: 29.04229 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 48 %
Temperature: 68 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	0.97
210	2.03
279	3.50
350	5.40
419	7.72

Air Filter Restriction Test Report

Test #: 442
Sample #: 4
Filter #: KF-1057
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



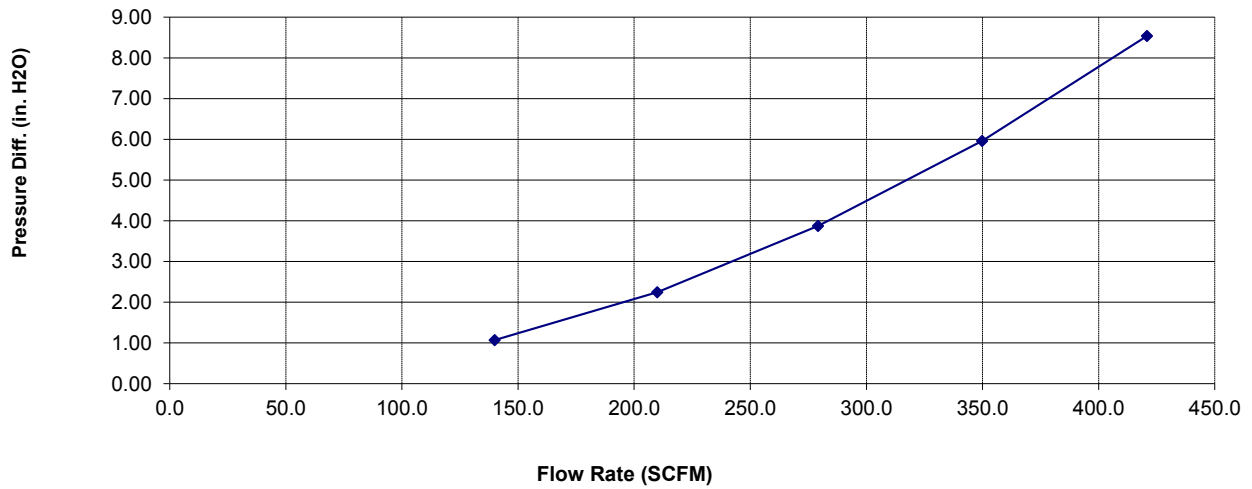
Test Description: 75-5084 PRODUCTION KIT, LID INSTALLED, AIR BOX PLUG REMOVED, NO CCV, NO SENSORS

Test Conditions

Barometric Pressure: 29.03907 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 48 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	1.07
210	2.25
279	3.87
350	5.96
421	8.54

Air Filter Restriction Test Report

Test #: 442
Sample #: 5
Filter #: KF-1057D
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



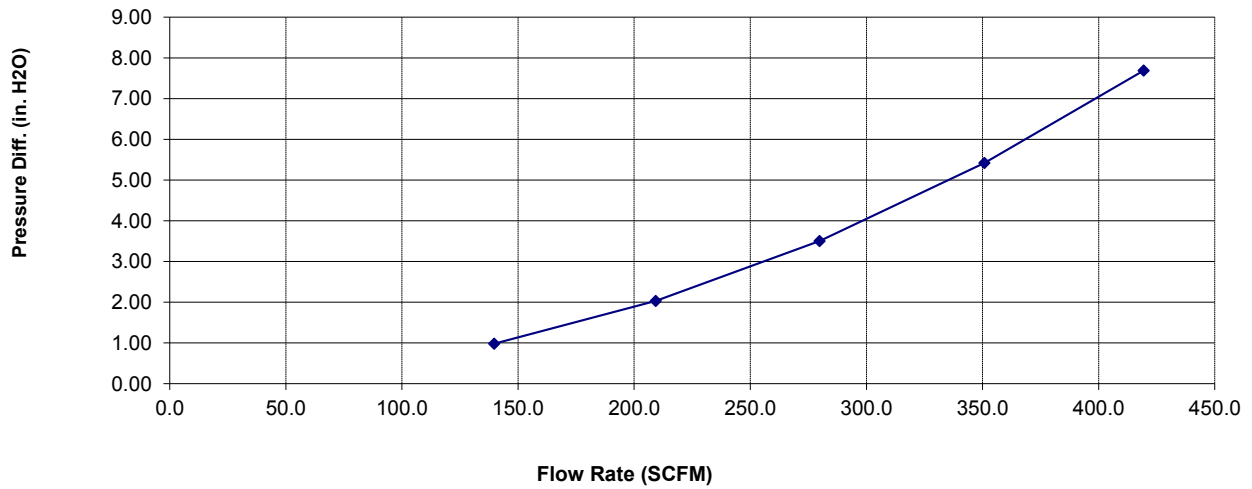
Test Description: 75-5084 PRODUCTION KIT, HOOD SEAL INSTALLED, AIR BOX PLUG REMOVED, NO CCV, NO SENSOR

Test Conditions

Barometric Pressure: 29.03733 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 48 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	0.98
209	2.03
280	3.50
351	5.42
419	7.69

Air Filter Restriction Test Report

Test #: 442
Sample #: 6
Filter #: KF-1057D
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



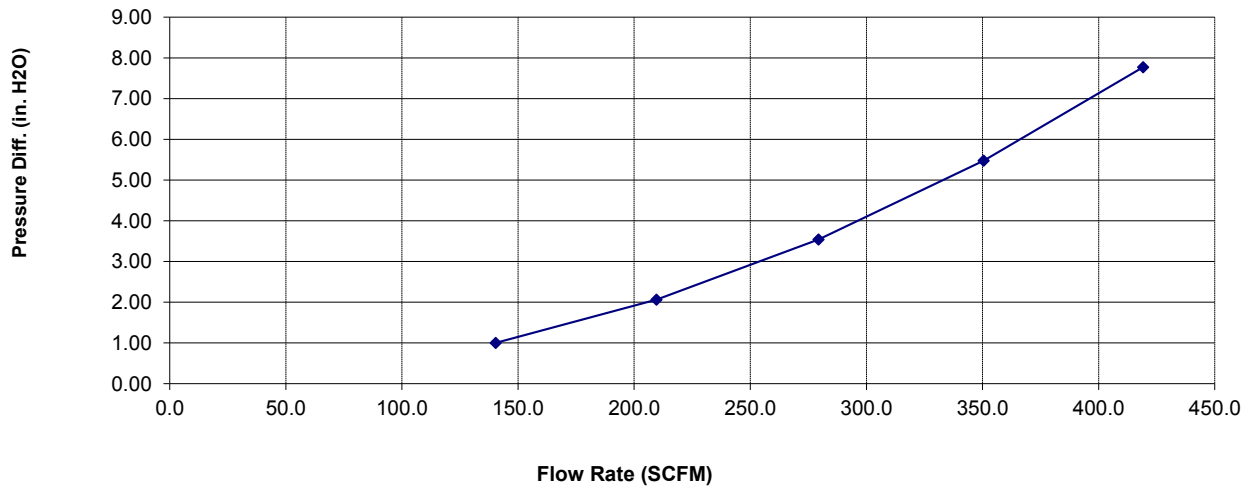
Test Description: 75-5084 PRODUCTION KIT, HOOD SEAL INSTALLED, AIR BOX PLUG INSTALLED, NO CCV, NO SENSOR

Test Conditions

Barometric Pressure: 29.03669 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 49 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	1.00
210	2.06
279	3.54
350	5.48
419	7.77

Air Filter Restriction Test Report

Test #: 442
Sample #: 7
Filter #: KF-1057D
Housing #: 75-5084
Date Code:

Operator: SD
Report Date: 12/9/2016
Filter Mfg.:
Housing Mfg.:



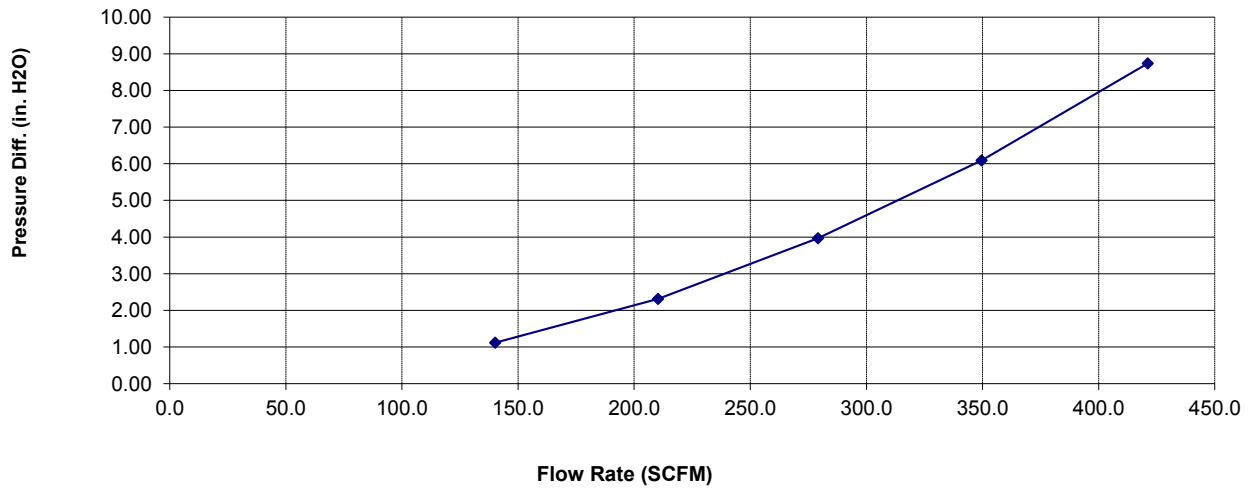
Test Description: 75-5084 PRODUCTION KIT, LID INSTALLED, AIR BOX PLUG REMOVED, NO CCV, NO SENSORS

Test Conditions

Barometric Pressure: 29.03433 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

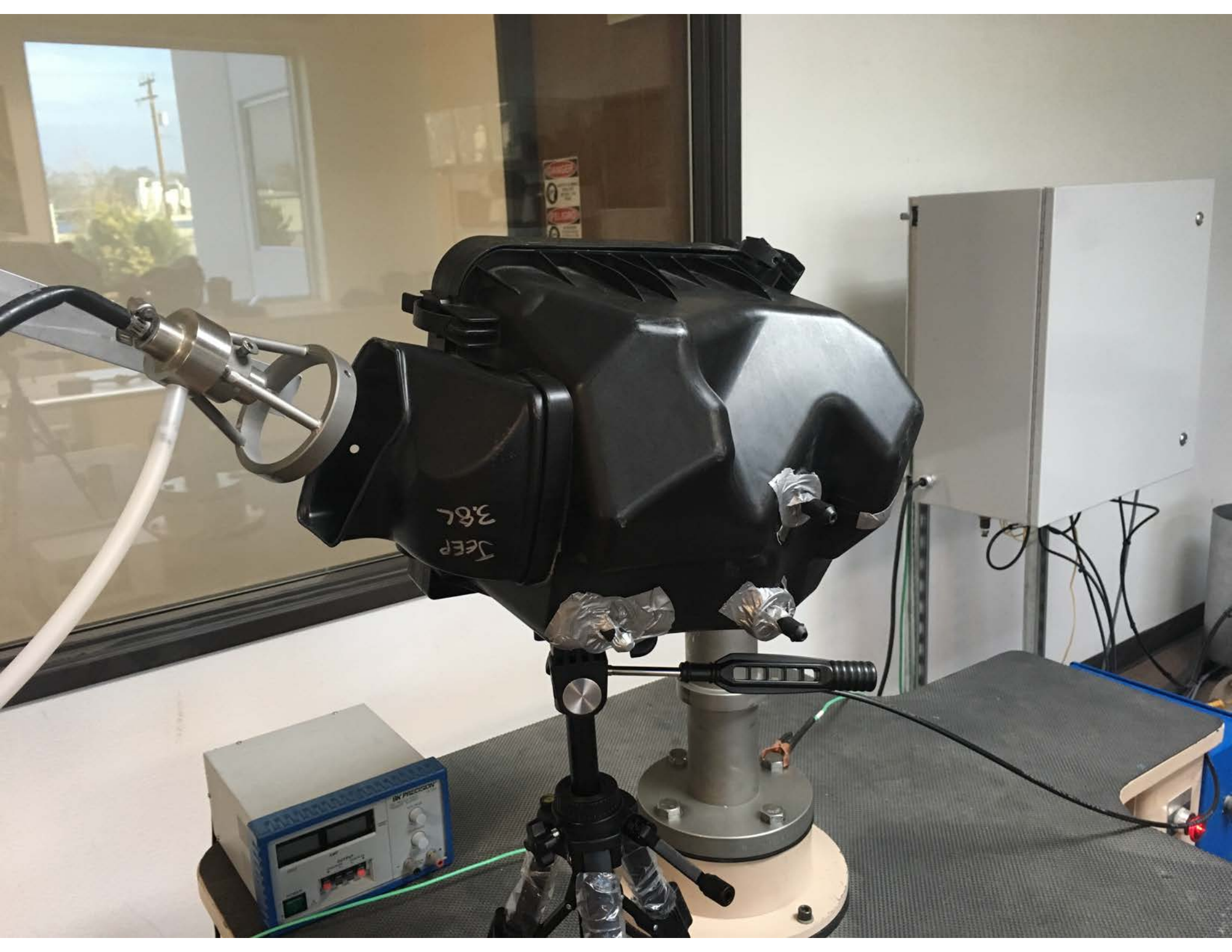
Relative Humidity: 49 %
Temperature: 69 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
140	1.12
210	2.32
279	3.97
350	6.09
421	8.74



JEEP
3.8L





JEEP
3.8L







Model: UR10
Serial: 10000000000000000000











