Automotive & Powersports

THE FACTS ABOUT YOUR INTAKE & AIR

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

Part Number: 75-5104, 75-5104D
Description: Performance Intake Kit & Filter
Vehicle Applications: 2011-2016 Ford Powerstroke 6.7L

Test Date: 06/21/2017
Test Report #: 1, 3, 4, 6, 7

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 36.98% 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 @ 580 cfm)
S&B Intake w/ Cleanable Filter (Secondary Inlet - Closed)	24.24%
S&B Intake w/ Cleanable Filter (Secondary Inlet - Open)	36.98%
S&B Intake w/ Dry Filter (Secondary Inlet - Closed)	19.39%
S&B Intake w/ Dry Filter (Secondary Inlet - Open)	33.71%

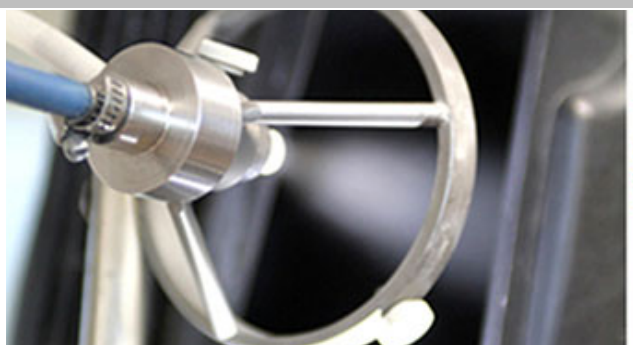
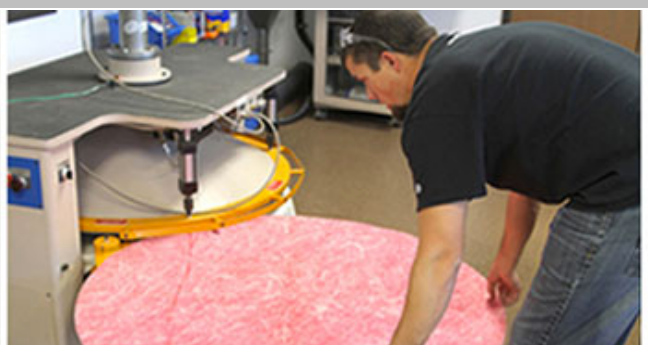
TEST CONDITIONS

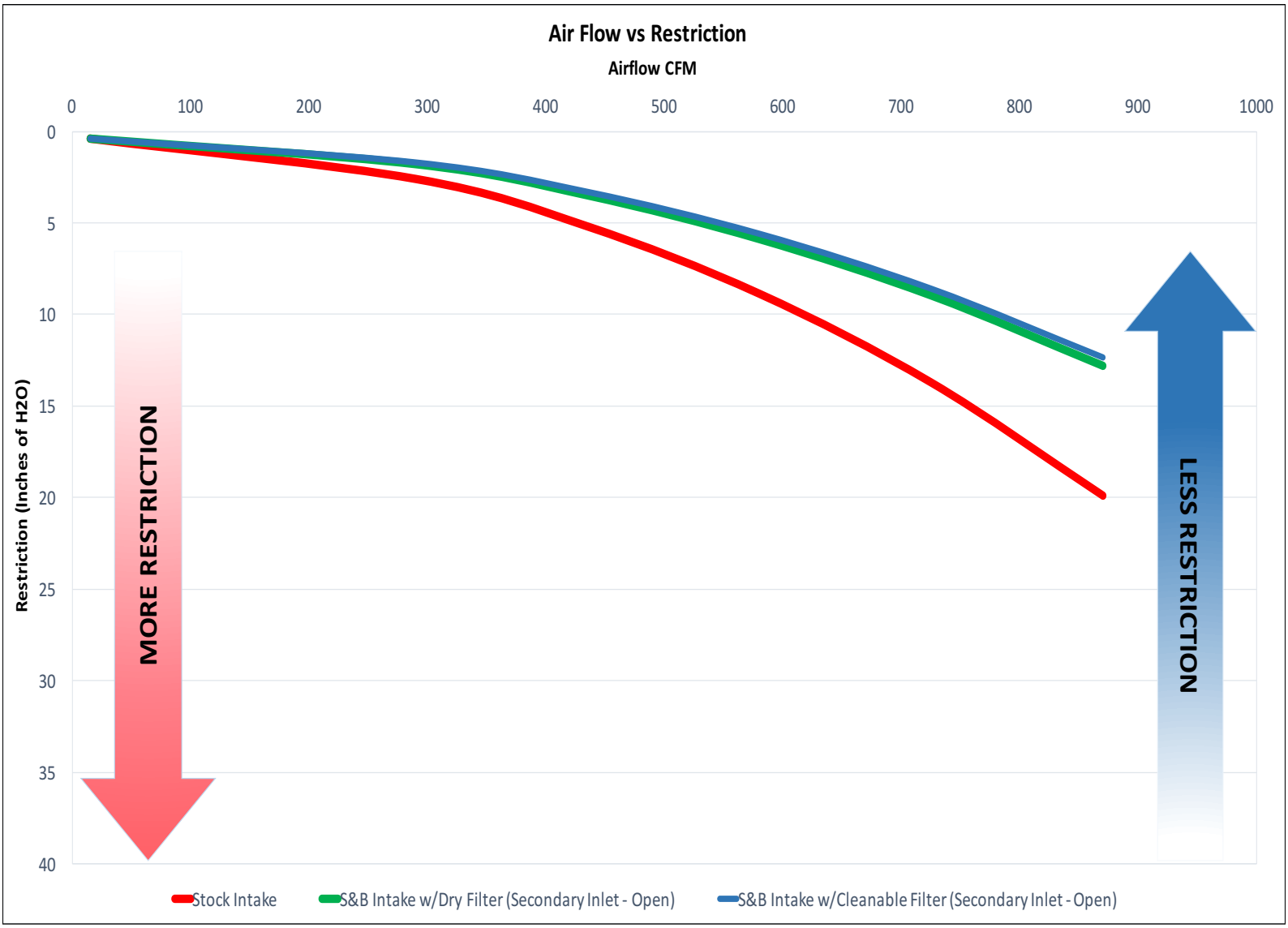
Barometric Pressure	28.98
Airflow Setpoint	580 cfm
Relative Humidity	50
Temperature	70.2F
Type of Dust	ISO Coarse
Batch #	13240C
Dust Feed Rate (grams/minute)	16.42

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 @ 580 cfm)
Stock	99.81%
S&B Intake w/ Cleanable Filter	99.26%
S&B Intake w/ Dry Filter	99.66%

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

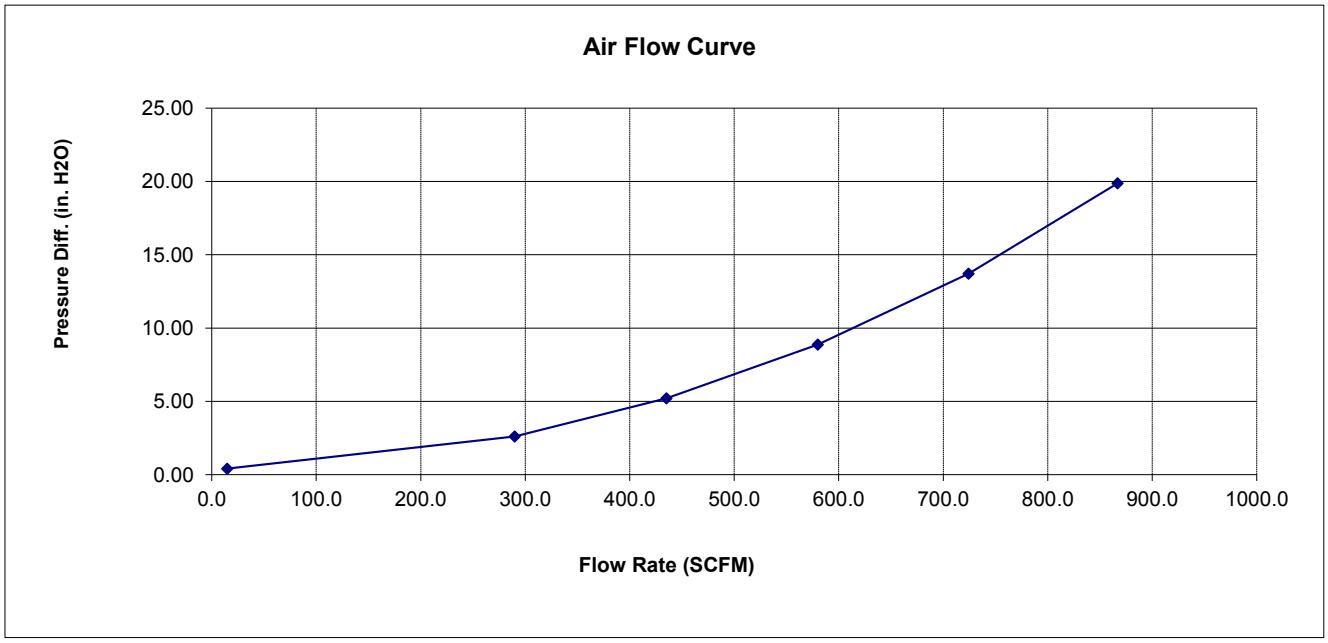
Test #: 456
Sample #: 1
Filter #: FA-1902
Housing #:
Date Code:

Operator: SD
Report Date: 6/21/2017
Filter Mfg.:
Housing Mfg.:

Test Description: STOCK INTAKE AND FILTER, NO SENSOR, MOTORCRAFT# FA-1902

Test Conditions

Barometric Pressure:	28.65065 in. Hg	**Relative Humidity:**	46 %
Air Flow Type:	SCFM	**Temperature:**	68 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
290	2.61
435	5.20
580	8.87
724	13.71
867	19.88

Air Filter Restriction Test Report

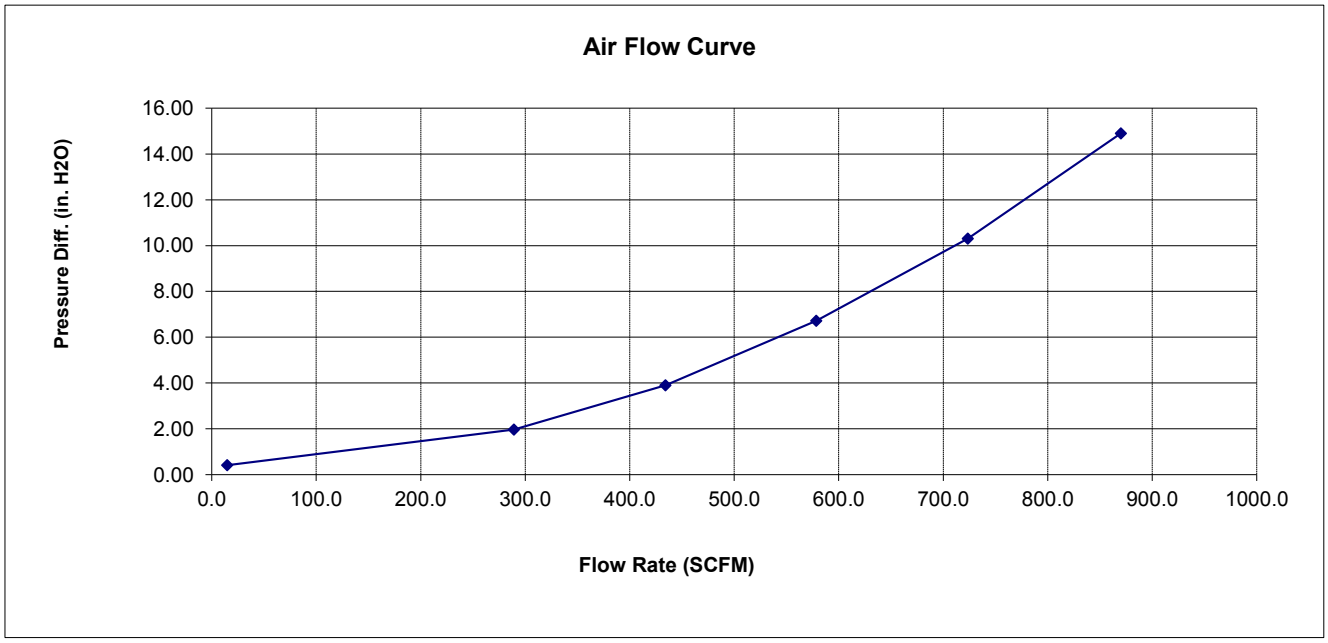
Test #: 456
Sample #: 3
Filter #: KF-1050
Housing #: 75-5104
Date Code:

Operator: SD
Report Date: 6/21/2017
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5104 PRODUCTION KIT, NO SENSOR, PLUG INSTALLED, KF-1050

Test Conditions

Barometric Pressure:	28.72645 in. Hg	**Relative Humidity:**	49 %
Air Flow Type:	SCFM	**Temperature:**	69 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
289	1.97
434	3.90
579	6.72
724	10.31
870	14.90

Air Filter Restriction Test Report

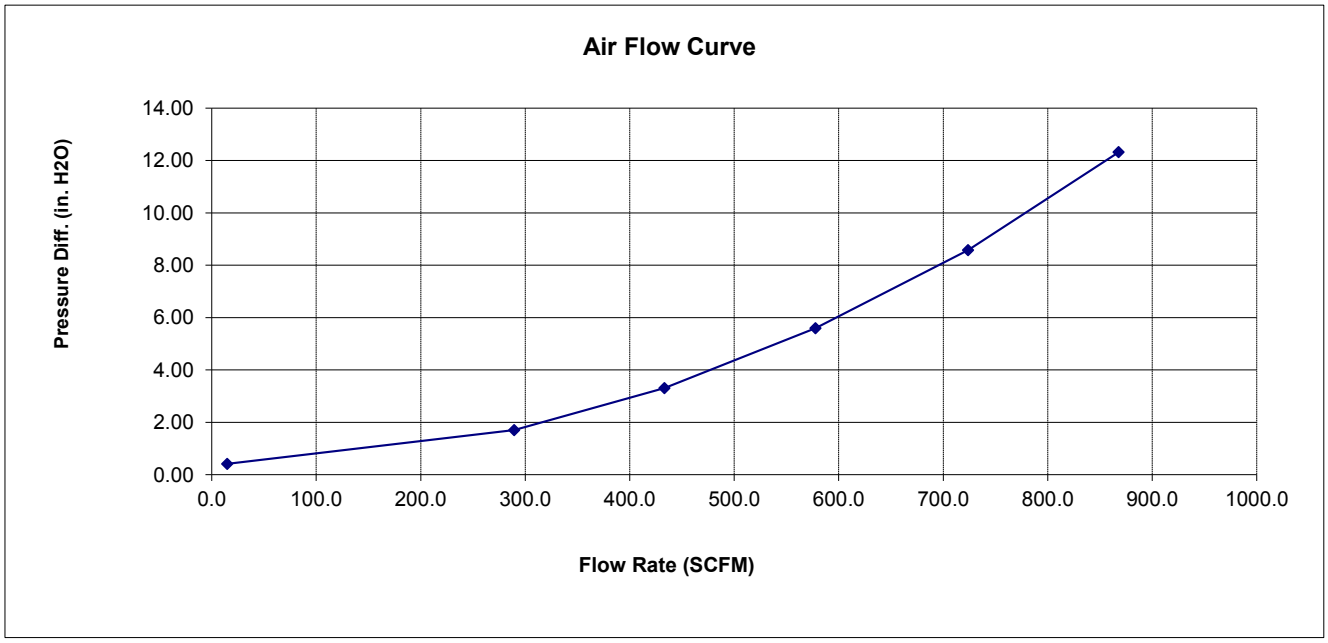
Test #: 456
Sample #: 4
Filter #: KF-1050
Housing #: 75-5104
Date Code:

Operator: SD
Report Date: 6/21/2017
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5104 PRODUCTION KIT, NO SENSOR, PLUG REMOVED, KF-1050

Test Conditions

Barometric Pressure:	28.72447 in. Hg	**Relative Humidity:**	48 %
Air Flow Type:	SCFM	**Temperature:**	68 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
290	1.71
433	3.31
578	5.59
724	8.58
868	12.32

Air Filter Restriction Test Report

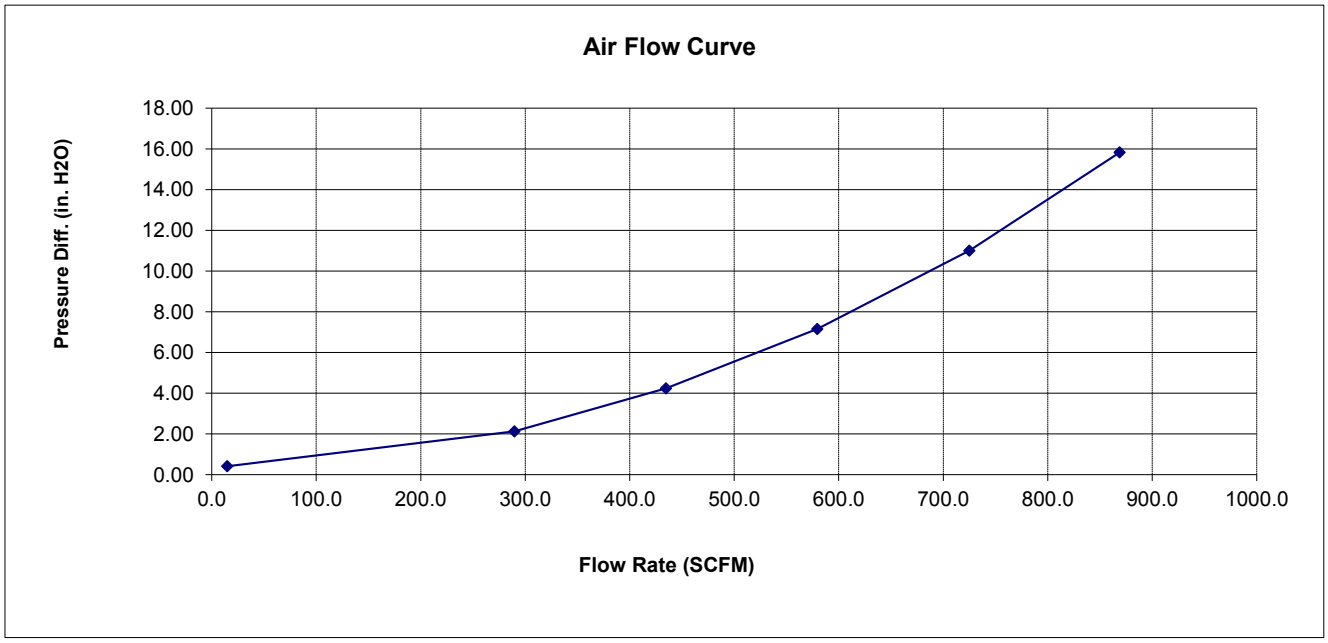
Test #: 456
Sample #: 6
Filter #: KF-1050D
Housing #: 75-5104
Date Code:

Operator: SD
Report Date: 6/21/2017
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5104 PRODUCTION KIT, NO SENSOR, PLUG INSTALLED, KF-1050D

Test Conditions

Barometric Pressure:	28.70129 in. Hg	**Relative Humidity:**	47 %
Air Flow Type:	SCFM	**Temperature:**	68 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			



Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
290	2.12
435	4.24
580	7.15
725	11.00
869	15.83

Air Filter Restriction Test Report

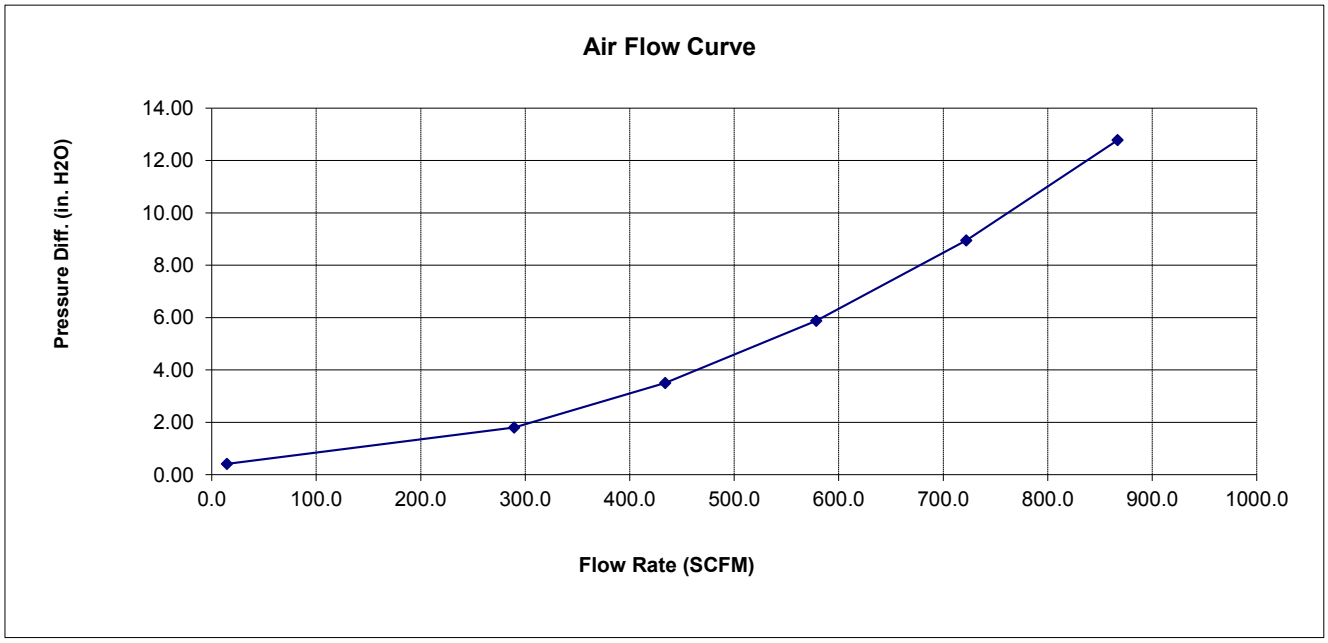
Test #: 456
Sample #: 7
Filter #: KF-1050D
Housing #: 75-5104
Date Code:

Operator: SD
Report Date: 6/21/2017
Filter Mfg.:
Housing Mfg.:

Test Description: 75-5104 PRODUCTION KIT, NO SENSOR, PLUG REMOVED, KF-1050D

Test Conditions

Barometric Pressure:	28.69812 in. Hg	**Relative Humidity:**	47 %
Air Flow Type:	SCFM	**Temperature:**	68 deg. F
Number of Pleats:		**Pleat Depth:**	in.
Flow Direction:			

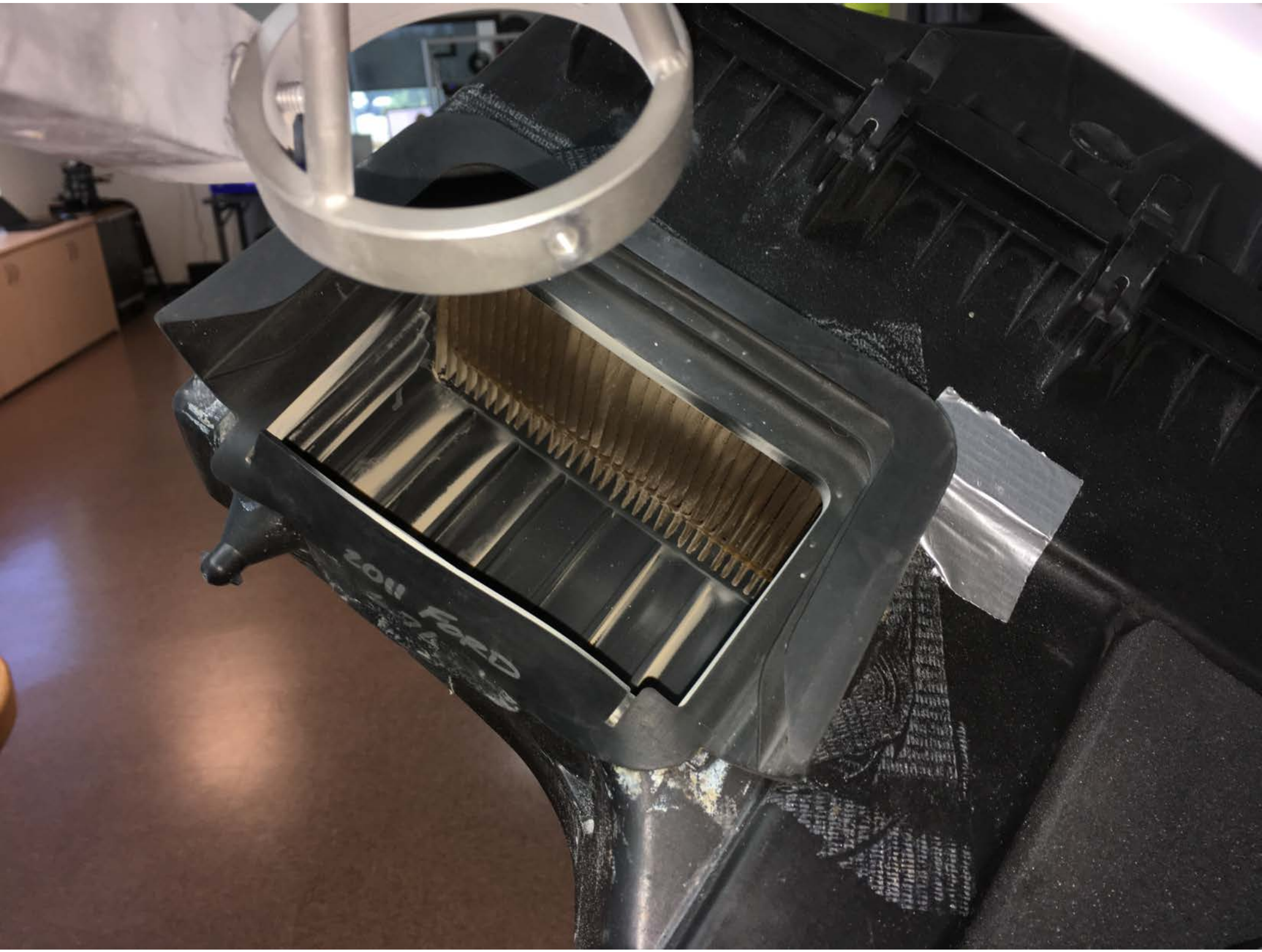


Air Flow Curve Data

Flow Rate	Differential Pressure
15	0.41
290	1.80
434	3.50
579	5.88
722	8.95
867	12.78


2011 FORD F250-450
6.7L DIESEL
DANGER
PELIGRO


2011 Ford
4.7L


2011 Ford


2011 FORD
6.7L


2011 Ford
F150 67L
FILTERS
FILTERS
BREATHE


2011 FORD