

Airflow (SCFM)	OE Cummins 6.7L Elbow (No Heater & TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow (No Heater & TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow %Improvement Over Stock
214	1.57	1.00	36.31%
428	5.34	2.50	53.18%
644	12.08	5.13	57.53%
857	22.53	9.08	59.70%



OE Cummins 6.7L Intake Elbow Airflow Test (No Heater & TMAP Sensor)



S&B Intake Elbow Airflow Test (No Heater & TMAP Sensor)

Airflow (SCFM)	Banks Elbow (No Heater & TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow (No Heater & TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow %Improvement Over Banks
214	1.01	1.00	0.99%
428	2.64	2.50	5.30%
643	5.27	5.13	2.66%
857	9.27	9.08	2.05%
1070	14.80	14.63	1.15%



Banks Elbow Airflow Test (No Heater & TMAP Sensor)



S&B Intake Elbow Airflow Test (No Heater & TMAP Sensor)

Airflow (SCFM)	Banks Elbow w/Heater (No TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow w/Heater (No TMAP Sensor) Differential Pressure (inH2O)	S&B Elbow %Improvement Over Banks
214	1.02	1.01	0.98%
428	2.67	2.56	4.12%
642	5.35	5.25	1.87%
856	9.38	9.30	0.85%
1074	15.06	14.95	0.73%

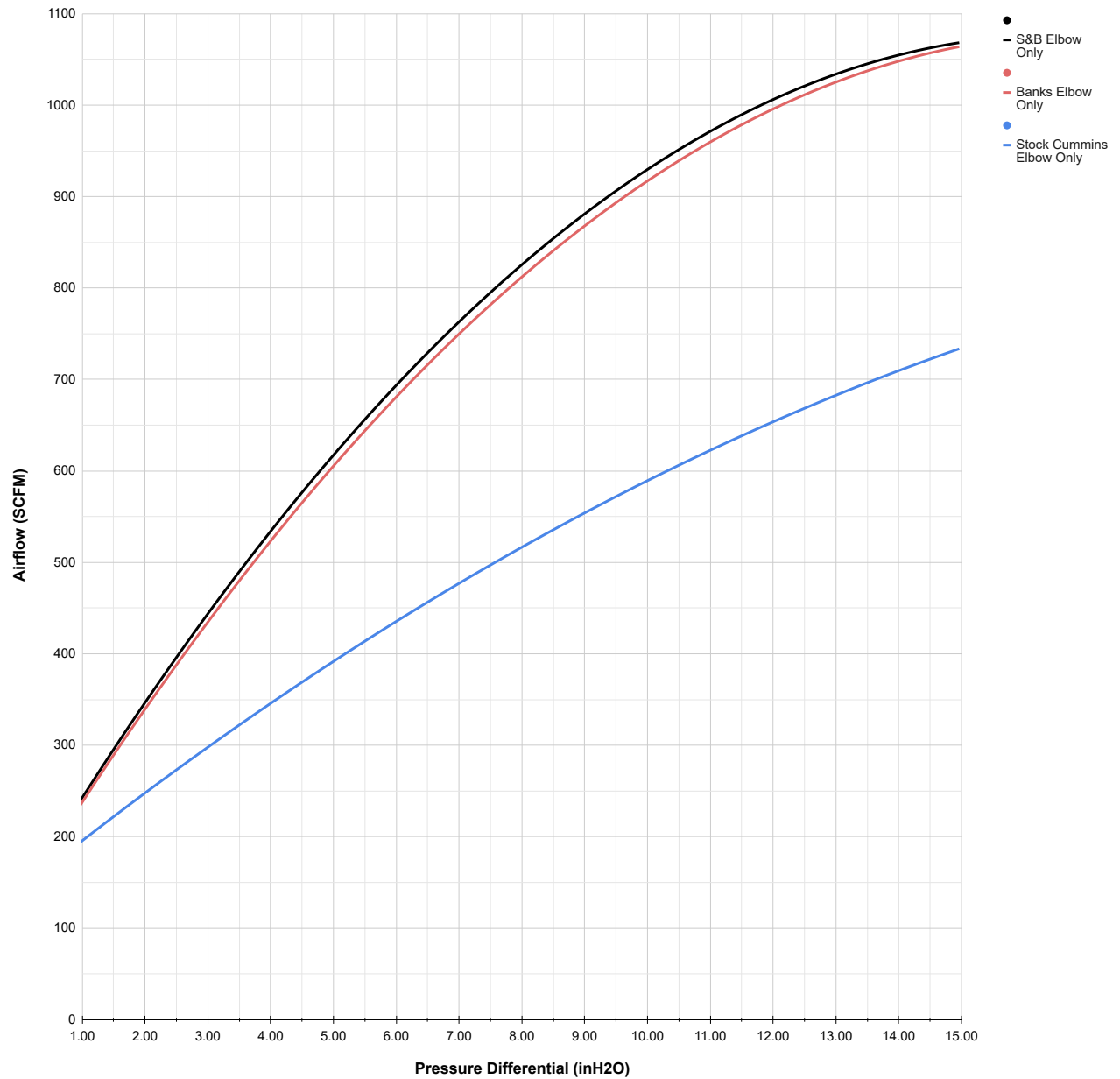


Banks Elbow Airflow Test w/Heater (No TMAP Sensor)

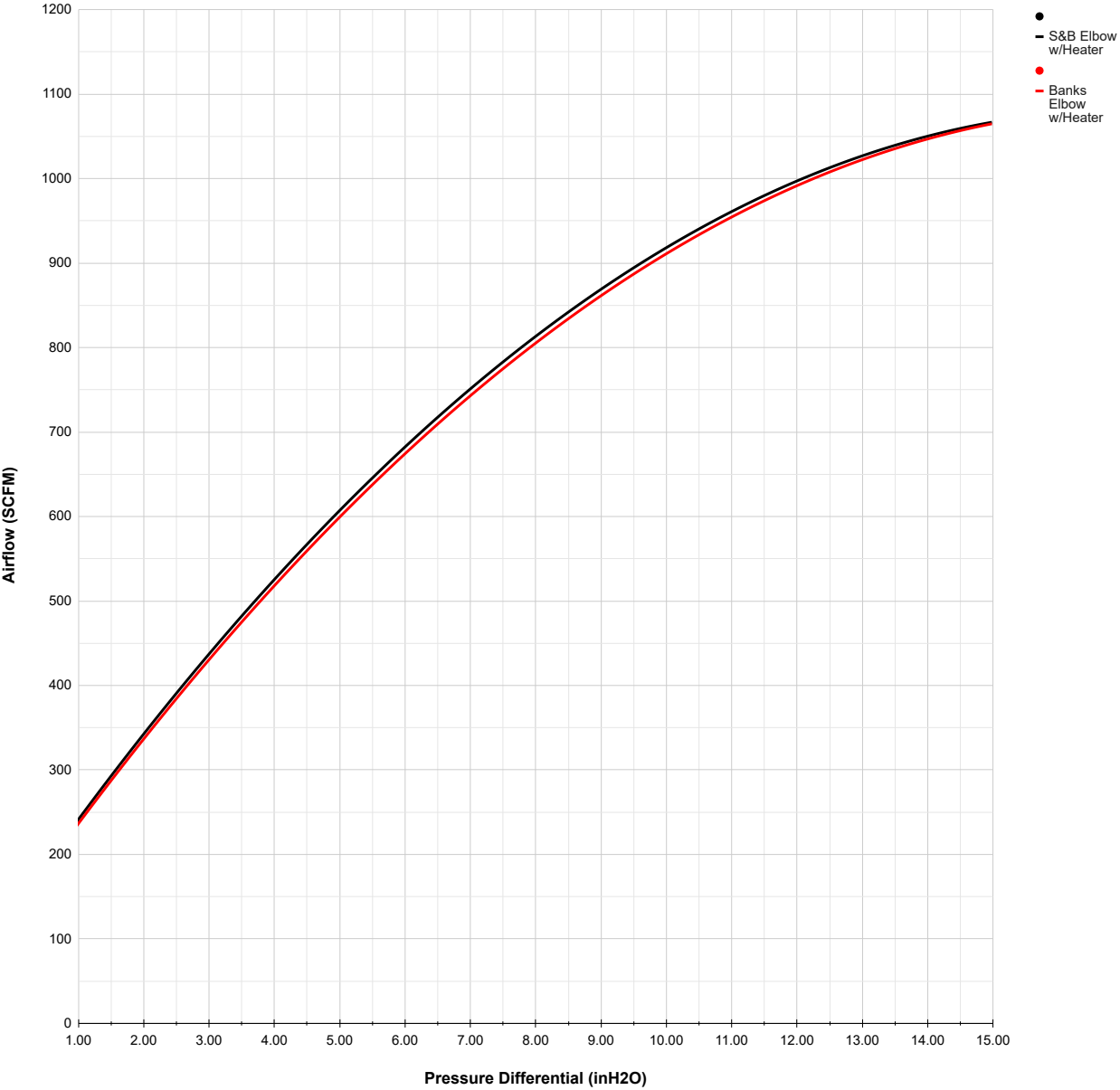


S&B Intake Elbow Airflow Test w/Heater (No TMAP Sensor)

**Airflow vs Pressure Differential
6.7L Cummins Intake Elbow
(No Heater, No TMAP Sensor)**



Airflow vs Pressure Differential
6.7L Cummins Intake Elbow with Heater
(No TMAP Sensor)



Air Filter Restriction Test Report

Test #: 945-25
Sample #: 6.7L Cummins OE
Filter #:
Housing #:
Date Code:

JM
6/13/2025



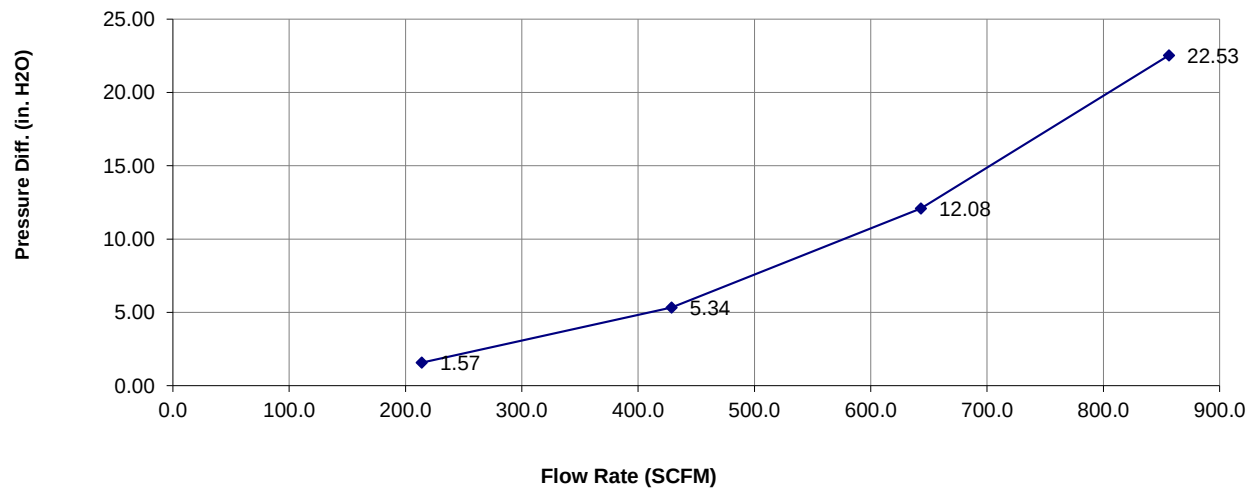
Test Description: Cummins 6.7L Intake Elbow, OE, no MAP Sensor

Test Conditions

Barometric Pressure: 28.7011 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 51 %
Temperature: 70 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

Flow Rate	Differential Pressure
214	1.57
429	5.34
643	12.08
856	22.53

Air Filter Restriction Test Report

Test #: 945-24
Sample #: S&B Production Sample
Filter #:
Housing #:
Date Code:

JM
6/13/2025



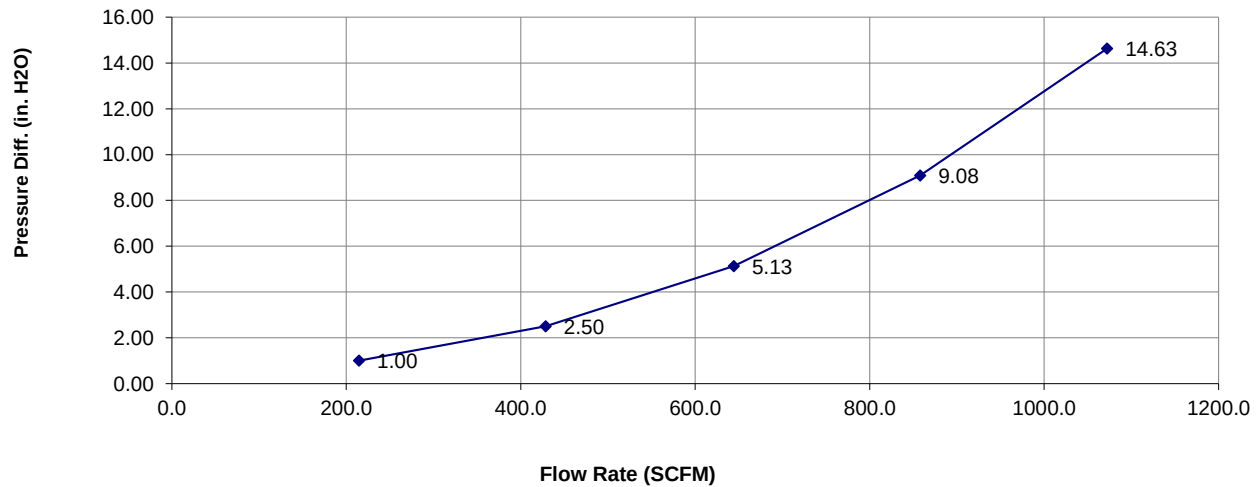
Test Description: Cummins 6.7L Intake Elbow, S&B Production Sample, with heater plug, no MAP Sensor

Test Conditions

Barometric Pressure: 28.69892 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 51 %
Temperature: 70 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
214	1.00
428	2.50
644	5.13
858	9.08
1072	14.63

Air Filter Restriction Test Report

Test #: 945-23
Sample #: Banks 42781
Filter #:
Housing #:
Date Code:

JM
6/13/2025



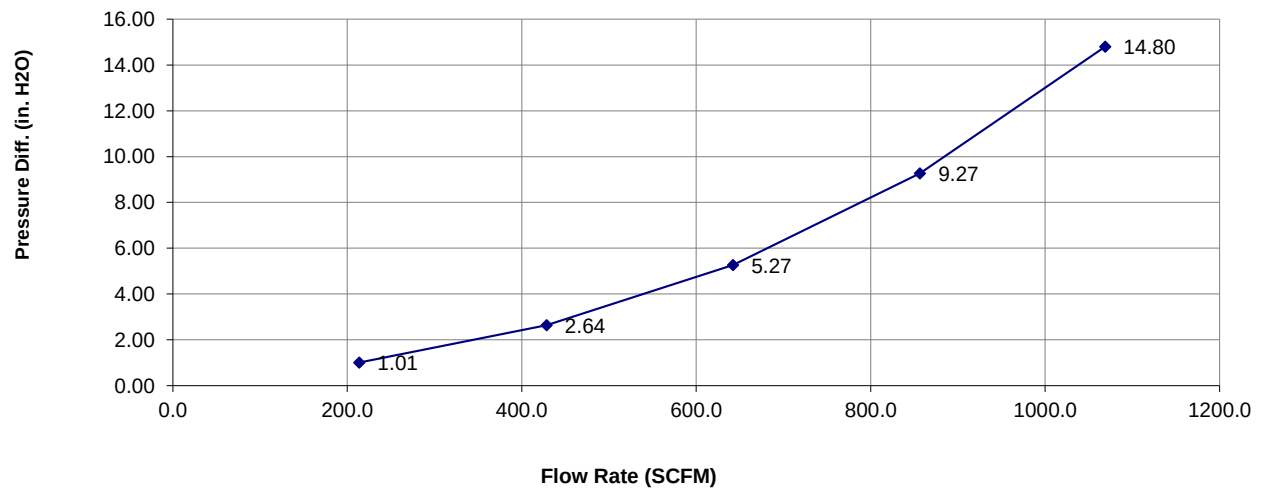
Test Description: Cummins 6.7L Intake Elbow, Banks 42781 with heater plug, no MAP Sensor

Test Conditions

Barometric Pressure: 28.70664 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

Flow Rate	Differential Pressure
214	1.01
429	2.64
642	5.27
856	9.27
1069	14.80

Air Filter Restriction Test Report

Test #: 946-28
Sample #: S&B Production Sample
Filter #:
Housing #:
Date Code:

JM
6/16/2025



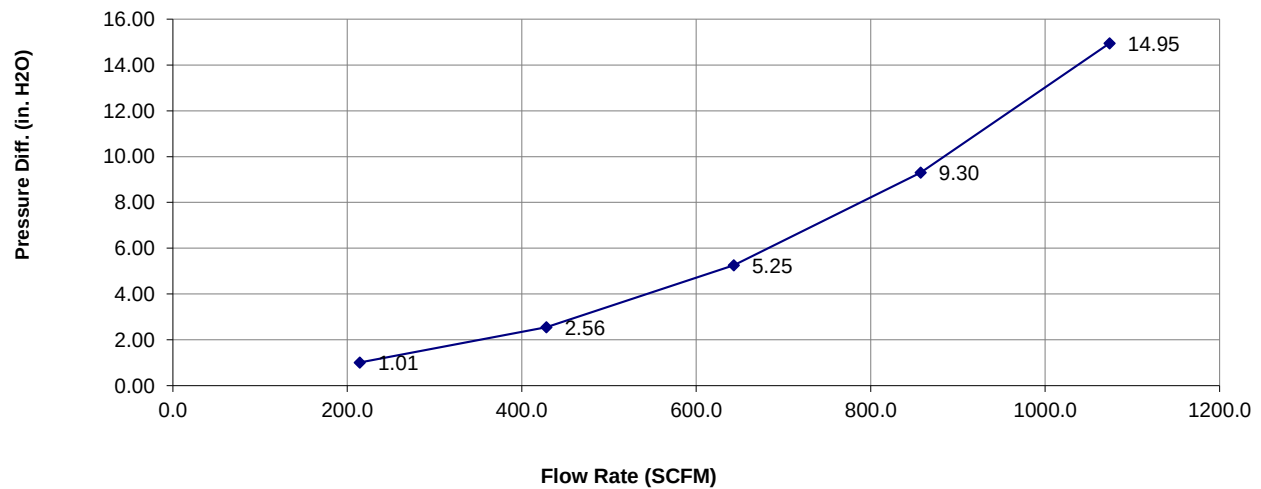
Test Description: Cummins 6.7L Intake Elbow, S&B Production Sample, with heater, no TMAP Sensor

Test Conditions

Barometric Pressure: 28.75088 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 49 %
Temperature: 72 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

Flow Rate	Differential Pressure
214	1.01
428	2.56
643	5.25
857	9.30
1074	14.95

Air Filter Restriction Test Report

Test #: 945-26
Sample #: Banks 42781
Filter #:
Housing #:
Date Code:

JM
6/16/2025



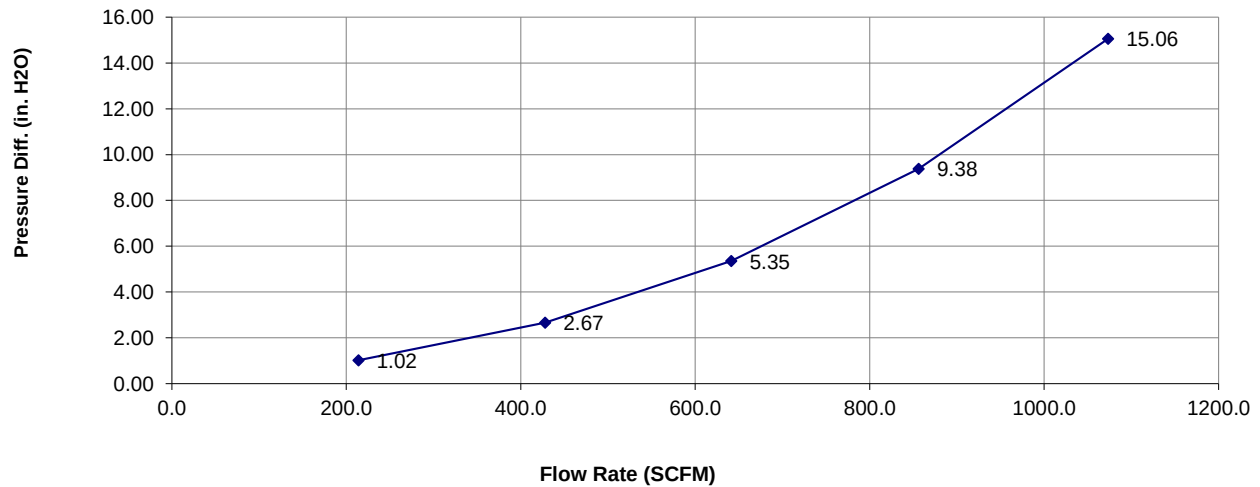
Test Description: Cummins 6.7L Intake Elbow, Banks 42781 with heater, no TMAP Sensor

Test Conditions

Barometric Pressure: 28.76094 in. Hg
Air Flow Type: SCFM
Number of Pleats:
Flow Direction:

Relative Humidity: 50 %
Temperature: 72 deg. F
Pleat Depth: in.

Air Flow Curve



Air Flow Curve Data

<u>Flow Rate</u>	<u>Differential Pressure</u>
214	1.02
428	2.67
641	5.35
856	9.38
1073	15.06