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## **EXAMPLE FILTER PRESURE DROP TEST REPORT**

<b>Manufacturer:</b>	<b>Filter Company</b>
<b>Product Name:</b>	<b>Air Filter</b>
<b>RTI Report No.</b>	<b>BXmmdyy00</b>

**Test Laboratory:**  
**RTI**  
**3040 Cornwallis Road**  
**Research Triangle Park, NC 27709**  
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## Air Cleaner Performance Report Summary

This report applies to the tested device only.

### Laboratory Data

RTI Report No.	<u>BXmmddy00</u>	Date	<u>MM/DD/YY</u>
Test Laboratory	<u>RTI International</u>		
Operator	<u>Pope</u>	Supervisor	<u>Owen</u>
Particle Counter(s):	Brand <u>NA</u>	Model	<u>NA</u>

### Device Manufacturer's Data

Manufacturer	<u>Filter Company</u>		
Product Name	<u>Air Filter</u>		
Product Model	<u>AF2424</u>		
Test requested by	<u>Filter Company</u>		
Sample obtained from	<u>Filter Company</u>		
Catalog rating:	Airflow rate <u>NA</u>	Initial dP (in. wg)	<u>NA</u>
Specified test conditions:	Airflow (cfm) <u>various</u>	Final dP (in. wg)	<u>NA</u>
	Face Velocity (fpm) <u>various</u>		

### Device Description

Nominal Dimensions (in.):	<u>24 x 24 x 1</u>	(height x width x depth)	
Generic name	<u>flat panel</u>	Media color	<u>white</u>
Amount and type of adhesive	<u>NA</u>		
Other attributes	<u></u>		

### Test Conditions

Airflow (cfm)	<u>various</u>	Temperature (F)	<u>74</u>	RH (%)	<u>45</u>
Face Velocity (fpm)	<u>various</u>	Final Pressure Drop (in. wg)	<u>NA</u>		
Test aerosol type:	<u>NA</u>				
Remarks	<u></u>				

### Resistance Test Results

Initial resistance (in. wg)	<u>see page 3</u>	Final resistance (in. wg)	<u>NA</u>
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# TABULATED DATA SUMMARY

Report No. BXmmddy00

Research Triangle Institute

## Summary of Test Conditions:

Product Manufacturer

Filter Company

Product Name

Air Filter

Nominal Dimensions (in.)

24 x 24 x 1

## Resistance to Airflow:

Airflow (%)	Airflow (m3/s)	Airflow (cfm)	Air Velocity (fpm)	Air Velocity (m/s)	Resistance (in. H2O)	Resistance (Pa)
50	0.464	984	246	1.250	0.10	24
75	0.697	1476	369	1.875	0.14	35
100	0.929	1968	492	2.499	0.20	50
125	1.161	2460	615	3.124	0.28	70

Resistance to Airflow

