



**UL900 Safety for Air Filter Units  
7<sup>th</sup> Edition, September 2, 2004  
And  
ULC-S111 Standard Method of Fire Tests  
For Air Filter Units  
August, 2007**

**TEST REPORT**

**Client:** Energy Wall LLC  
**Address:** 970 Iron Bridge Road  
Mount Joy, PA 17552-9650

**Received Date:** October 21, 2009  
(This specimen was received in good condition.)

**Test Date:** November 23, 2009

**Report Date:** November 23, 2009

**Project No:** 3165241SAT-001G

**Sample Identification:** 7th Prototype

**Description:** 24 h x 13 w x 28 d inches

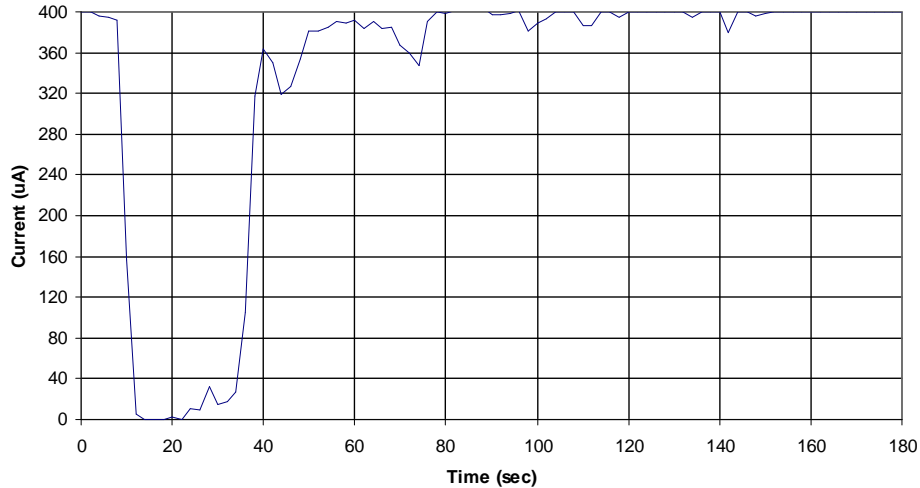
**Sample Conditioning:** 23±2°C and 50±5% R.H. for at least 2 hrs.

**Test Conditions:** 68°F and 61% r.h.

**This Test Witnessed by:** No witnesses

The following graphs below depict the test results for the sample shipped to us for UL 900 testing.

**Energy Wall  
Prototype 7**  
Total Smoke Area = 7.46 sq in.  
Total Smoke Allowed Class 1 = 2.5 sq in.  
Total Smoke Allowed Class 2 = 9 sq in.



The table below outlines the test results:

<b>Test Specimen</b>	<b>Flames</b>	<b>Sparks</b>	<b>Smoke Area</b>
7th Prototype	Yes	No	7.46 sq in.

Rear manifold system was removed to allow the sample to be mounted into UL900.

Class 1 Criteria: No flames or sparks allowed. Total smoke allowed less than 2.5 sq in.

Class 2 Criteria: No flames or excessive sparks (25 or more) beyond discharge end of duct. Total smoke allowed less than 9 sq in.

## **Conclusion**

This sample passed the criteria for UL900 Class 2. Results are tentative when based on the testing of a single sample.


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This report contains a total of three pages.

  
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Senior Technician

November 23, 2009

Reviewed and approved:

  
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Project Manager

November 23, 2009