

## REPORT ON FILTER TEST

Based on AS1324.2-2003

### **FILTER TEST REPORT No. F1005**

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Date of test: 13 April, 2011

#### **(a) FILTER DATA**

Client: **KALEYA ENGINEERING PTY LTD**  
Filter manufacturer: **KALEYA ENGINEERING PTY LTD**  
Product name/model: **KITCHEN EXHAUST BAFFLE TYPE FILTER**  
Filter type: **KITCHEN EXHAUST FIRE STOP**  
Product description: **ALUMINIUM CHANNEL TYPE**  
Filter Dimensions W x H x T: **495 x 395 x 395 mm**  
Face Area: **0.196 sqm**  
Nominal Air Flow Rate: **300 L/s**

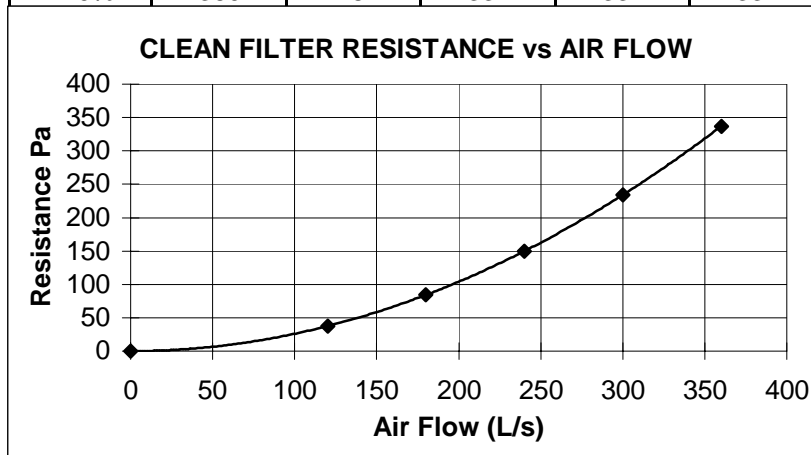


photo

#### **(b) TEST RESULTS**

**AS1324.2.2-2003: Variation of clean Filter Resistance with Air Flow.**

Percent of Rated Capacity	Flow Rate (L/s)	Face Velocity (m/s)	Resistance (Pa)		
			Increasing	Decreasing	Average
40%	120	0.61	37	37	37
60%	180	0.92	84	84	84
80%	240	1.23	150	150	150
100%	<b>300</b>	1.53	234	234	234
120%	360	1.84	337	337	337



The filter was tested as supplied. The results pertain to the tested sample.

At 300 L/s test air flow rate, the Initial Resistance was 234 Pa.

*James Fricker*

**JAMES FRICKER**

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