



# Blower Door System

## Project Quality Control

The Blower Door is the essential tool for building air tightness quality control.

Refine your processes.

Train your team.

Educate your clients on what to expect from a job well done.

### Minneapolis Blower Door® System:

- ✓ Gives real-time feedback on effectiveness of air barrier installation
- ✓ Measures leakage quickly and accurately
- ✓ Light and fast to set up
- ✓ Modern system uses Bluetooth or Wi-Fi to record tests on a mobile device
- ✓ Two model options for testing very tight to very leaky buildings



For more info:



### Your local support

04 589 8460 | 09 892 9900 | 03 327 4925

General: [info@blower-door.co.nz](mailto:info@blower-door.co.nz)




[www.blower-door.co.nz](http://www.blower-door.co.nz)






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Model 4 Minneapolis® Blower Door for testing tight and leaky buildings		
<b>Technical Data</b>		
	System with standard accessories to test common construction	
	Maximum airflow	8,150 m <sup>3</sup> /h
	Minimum airflow	540 m <sup>3</sup> /h
	Weight of fan	15 kg
	Power source	230 V / 50 Hz
	Adjustable Frame	
	Fits door width	0.71 – 1.14 m
	Fits door height	1.32 – 2.43 m
	<b>Kit includes:</b> Model 4 Minneapolis Blower Door® fan with Rings A and B, fan controller, DG-1000 pressure and flow gauge, door frame and fabric, and accessory cases.	
	<b>High-performance accessories (optional) for testing small or high-performance buildings e.g. Passive House</b>	
	Rings C, D, and E for additional range for ultra-tight or small buildings	
	Maximum airflow	440 m <sup>3</sup> /h
	Minimum airflow	18 m <sup>3</sup> /h
	Padded Cordura fan protective case - for frequent transport, the case helps to protect it the fan from dust and wear on housing, flow rings and flow rings. It is smaller and more durable than the original packaging the fan is provided with.	

Mini-Fan Blower Door for testing small or tight buildings e.g., Passive House		
<b>Technical Data</b>		
	System to test mid- to high-performance construction	
	Maximum airflow	2,300 m <sup>3</sup> /h
	Minimum airflow	20 m <sup>3</sup> /h
	Weight of fan	3 kg
	Power source	230 V / 50 Hz
	Adjustable Frame	
	Fits door width	0.71 – 1.14 m
	Fits door height	1.32 – 2.43 m
	<b>Kit includes:</b> Minneapolis Duct Blaster® fan with Rings 1, 2, and 3, fan controller, door frame and fabric, DG-1000 pressure and flow gauge, and accessory cases.	
	<b>High-performance accessories (optional):</b>	
Ring 4, minimum flow 5 m <sup>3</sup> ·hr <sup>-1</sup> for measuring very tight or small structures		
Micro-Leakage Meter, for measuring ultra-tight enclosures such as laboratories or medical facilities		

### APPLICATION NOTES:

- The Energy Conservatory Minneapolis Blower Door and Mini-Fan Blower Door are two systems to test different profiles of buildings. Typical needs are building codes and standards, Passive House standards, green building programs, and retrofit programs. To help choose which system would best suit your typical application, contact Pro Clima NZ Ltd, or scan the QR code here for more information.
- To obtain certified results from a blower door test, proper training and accreditation with the Air Tightness Testing and Measurement Association ATTMA is recommended. See <https://www.bcta.group/attma/> for detailed information.

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