

# BLOWER DOOR SYSTEM for LARGE BUILDING MODEL GTI 658



GTI 658 is mainly used to test the airtightness of the whole building and its interior spaces. It adopts the Fan Pressurization Method to establish a pressure difference in the house indoor and outdoor. It conforms to many current test standards in the world to ensure an accurate result.

- ◆ One Click to Test
- ◆ 8 Flow Control Methods
- ◆ Dual/ Triple Fan System
- ◆ On-site Report



Display of Complete Data

Easy Operation on PC Software

## FEATURES

- 3.2inch LCD;
- Adjustable frame structure;
- RS485/ WiFi communications;
- Light weight for easy carry and transportation;
- Interchangeable nozzles for various flow ranges;
- Quick leak detection for on-site pinpointing the leak points;
- Two pressurization methods: Pressurization & Depressurization;
- Compliance with the standards ASTM E779-03, CGSB-149.10-2019, ATTMA, GBT 34010-2017, T/CECS 704-2020, ISO 9972-2015.

## APPLICATIONS

- Building envelopes such as passive house, low energy and large commercial buildings;
- Industrial plants, granaries, fire protection systems and other large public buildings;
- Leak search in building envelope;
- Other building envelopes whose air tightness is determined according to regulations such as ISO 9972 / GBT 34010 / GBT 51350.



Various Nozzle Combinations

## SPECIFICATIONS

GTI 658				
Items			Parameters	
Fan	Air Flow	Range	3600 ~ 11000m <sup>3</sup> /h (Free Air)	
			1080 ~ 4400m <sup>3</sup> /h (Blue Nozzle)	
			315 ~ 1320m <sup>3</sup> /h (Red Nozzle)	
			144 ~ 385m <sup>3</sup> /h (8 pcs. Large Hole Nozzles)	
			64 ~ 176m <sup>3</sup> /h (4 pcs. Large Hole Nozzles)	
			32 ~ 96m <sup>3</sup> /h (2 pcs. Large Hole Nozzles)	
			12 ~ 48m <sup>3</sup> /h (One Large Hole Nozzle)	
			4 ~ 18m <sup>3</sup> /h (One Small Hole Nozzle)	
		Accuracy	± 3% of Readings ± 5m <sup>3</sup> /h	
	Pressure		Range	± 2500Pa
			Accuracy	± 0.5% of Readings ± 1Pa
			Resolution	0.1Pa
	Barometric Pressure		Range	70 ~ 130KPa
			Accuracy	± 2% of Readings
			Resolution	0.1KPa
Temperature		Range	0~60℃	
		Accuracy	± 0.5℃	
		Resolution	0.1℃	
	Power Supply		AC220V / AC110V	
	Dimensions (mm)		586 × 300 × 680 (L × D × H)	
	Weight		Roughly 19kg	
Host	Screen		3.2inch LCD Screen	
	Communications		RS485 / Wifi Communications	
	Power Supply		4 AA Batteries (Roughly 25Hours) or DC5V Adapter	
Adjustable Frame Components	Standard	Width Range (mm)	795 ~ 1320	
		Height Range (mm)	1380 ~ 2460	
	Option	Frame & Cloth	Custom Size	
	Type of Frame		Lightweight aluminum alloy	
	Type of Sealing		EPDM Rubber	
	Type of Cloth		Nylon canvas (with Polyethylene Film Window)	

Note: In case of changes in products design, specifications, and parameters, the latest data provided by our company shall prevail without prior notice.

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