

Leak Checker

Air Leakage Diagnostics Fan^o





Achieving an airtight construction alongside an appropriate well balanced ventilation system can deliver a more comfortable home environment and significant energy efficiency benefits.

The BTS Leak Checker helps to minimise uncontrolled air leakage within buildings, by helping to identify unwanted air leakage paths.

The supplied fan can be either window or door mounted, and is controlled through a mobile app.

The BTS Leak Checker diagnostic tool is ideal at any stage of a retrofit or new build project.

Applications

New Build

The window mounted fan unit allows site teams to test for air leakage throughout the building. This helps to improve build quality and compliance test pass rates.

Existing Homes and Retrofit

Air leakage can account for as much as a third of total heat loss. Finding and remedying those leaks can lead to considerable energy savings and comfort gains.

Key Features

Basic Measurement

The fan includes a differential pressure sensor to provide an indication of overall leakiness, which quantifies the level of progression made by your sealing interventions.

Simple to operate

The fan is easy to operate, and is controlled via a simple to use mobile app.

Identify leakage paths

The fan creates a pressure difference large enough so that air leakage paths can be felt with your hand or visualised with a smoke pen or thermal imaging camera.

Save time and costs

Run the fan during works and before your compliance testing to be confident of a first time pass whilst reducing the need for costly rectification and remedial works.



Technical Specification

LEAK CHECKER	
Power	24 VDC, 50/60 Hz
Max Consumption	4.5 A, 105W
Measurements	Fan speed (RPM), Pressure difference (± 50 Pa to $\pm 3\%$), Flow rate (m3/s)
Max Airflow	2042 m3/h (2750 RPM)
Wireless	Control the fan via a 2.4GHz Wifi connection between the fan and your mobile device
Power Connection	Socket: Straight jack DC power supply plug Lead: 3m power supply lead to UK 3-pin plug (as standard)
Environmental Conditions	-10 to +35°C, 80% RH up to 30°C
Dimensions	Carry Case dimensions: 600 x 515 x 163 mm
	Fan dimensions: 295 x 300 x 81 mm
Weight	Complete Kit in Carry Case weight: 7.5kg
	Fan weight: 3.8kg
Kit Contents	1x Carry Case, 1x Fan Unit, 1x Extendable Mounting Rod, 1x Nylon Window Sealing Sheet (2200mm X 1150mm), 12x Sealing Sheet Clamps



Works with Pulse

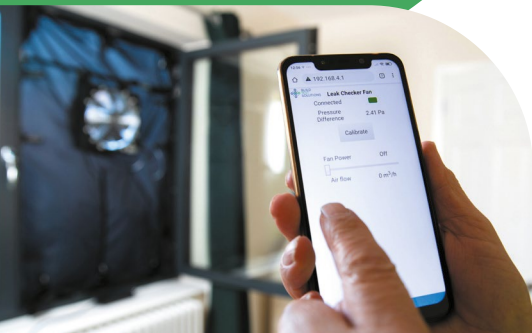
Leak Checker complements our Pulse air permeability testing system by helping users to locate and address unwanted air leakage paths.

It is designed to complement any air tightness test by identifying and rectifying key leakage points on your retrofit or new build projects.



Scan here to find out more about Pulse alongside Leak Checker





Contact

To find out more about Leak Checker please contact us today:

- 📞 0333 444 2870
- ✉️ enquiries@buildtestsolutions.com
- 🖱️ buildtestsolutions.com



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