

LABORATORY: CNR-ISPC

NAME OF THE INSTRUMENT

Blower Door Test

GENERAL DESCRIPTION

The BlowerDoor RETROTEC EU6210 is a high-performance air infiltration measurement system, consisting of two fans, fabric door panel with double holes and two pressure gauges. The dual fan with two high power motors makes the system ideal for testing large buildings. The system includes an easy-to-install, lightweight aluminum frame that fits a variety of door sizes. If the blower door system is used in combination with thermal imagers, even more informative thermal images are usually produced, as the air flows can be represented and evaluated very well in the thermogram.

TECHNICAL DETAILS

Blower Door Test Retronic kit model EU6210

(in accordance with EN 13829 and ISO 9972) consisting of:

1. **N.2 6000 fans with 2 motors** with the following characteristics:
 - Max Flow: 13.082 m³/h (50 Hz) per fan
 - Dimensions: 55.9 cm inlet diameter, 24.8 cm long, 63.5 cm height
 - Weight: 15.2 kg or 16.0 kg with Ring A & Plated B8 installed
 - Flow Accuracy: +/-5%
 - Power: 240V@50hz/4.9A
2. **N.1 large canvas with aluminum frame**
3. **N.1 DM32 pressure gauge**



RETROTEC EU6210, 2 FAN



MOUNTED RETROTEC BLOWER DOOR, SINGLE FAN

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