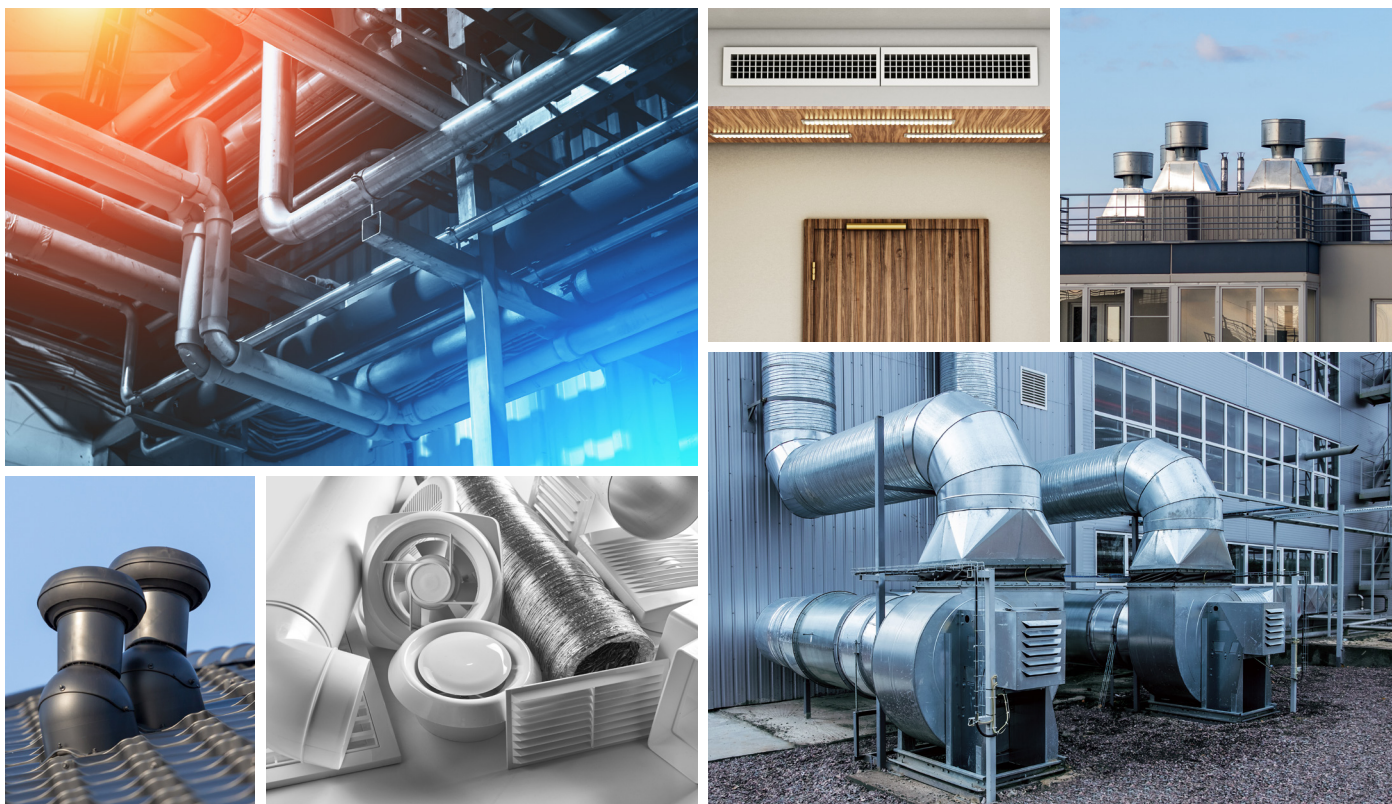


Ventilation

Aeraulic systems and components test laboratory

Manufacturers, take advantage of CSTB expertise to determine the performance of your products



The efficiency of ventilation systems is a major challenge not only for industry but also in non residential buildings and in housing, since it is a contributing factor to indoor air quality.

For optimal performance, it is essential to adapt systems to the air permeability of the building's shell.

The CSTB Laboratory for Aeraulic Systems and Components (CESA) adapts its test methods and means to your own specific issues, in order to:

- determine the aeraulic performance of your products
- determine their airtightness
- optimise their operating conditions

- **Time saved thanks to the efficiency of CSTB's experts in determining relevant trial scenarios in order to ensure the protocol meets your needs**
- **Tests conducted in controlled, realistic or extreme conditions**
- **Reliable test results thanks to the recognised quality of CSTB's facilities**
(COFRAC accreditation No. 1-0304)
- **Guidance in the promotion of your products among clients with the NF205, QB35, QB37 and QB40 certification programs**
- **Research & development contributions to help with your product innovations**

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Ventilation system performance tests

Determination of the aeraulic performance of demand controlled ventilation systems:

- air inlets, exhaust devices and fans, for Technical Appraisals and NF205 and QB37 certifications
- aeraulic networks in line with QB40 certification

From
€1,500
excluding VAT

Performance tests on roof fittings

Implementation of tests in realistic conditions to characterise aeraulic performance:

- roof outlet terminal devices for the Technical Appraisal
- ventilated hips-and-ridges for QB35 certification



From
€2,000
excluding VAT

Airtightness trials on indoor fittings

Determination of the airtightness of the building's fittings: recessed spotlights, power distribution points, plumbing and all integrated equipment.

Development of test benches specifically for your products in order to determine their performance and regarding RE2020 requirements.

From
€1,500
excluding VAT



Tests on outdoor air inlet

Assessment in our laboratories of outdoor air inlet gratings in line with standard EN 13030:

- aeraulic performance
- capacity to limit rainwater infiltration



Prices on
request

Characterisation tests on industrial ventilation dampers

Design and implementation of test benches:

- determination of airtightness of dampers in line with standard EN 1751, among others
- potential for integration into adapted ageing cycle processes

Prices on
request



Ageing cycles of aeraulic network components

Our experts help you to evaluate the constraints attached to the use of your products. The aim is to determine and implement the most pertinent ageing cycles in order to guarantee the performance of your products throughout their life cycle.



Prices on
request



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