



SILENCER

VENTILATION

OUR SOLUTIONS

The use of fans, whether axial or centrifugal, leads to the generation of noise on the one hand around its structure and on the other hand in the ventilation ductwork or the immediate proximity.

ALMECO will assist you in your projects to provide technical solutions for sound insulation.

The acoustic energy generated by the fans is mainly diffused at their suction and discharge. It is therefore important to provide an effective solution to reduce its propagation.

The integration of silencers between the sound source (fan) and the people in the proximity, allows to control the noise level perceived or to respect the required levels for the environment.

On the basis of technical elements, such as available pressure drops, flow rate, sound spectrum of the equipment, our team calculates, optimizes and defines ventilation silencers.

The silencers mainly use the capacities of certain materials to absorb acoustic energy.

CYLINDRICAL SILENCER

- The cylindrical silencers consist of a steel shell with a perforated sheet on the inner side. The perforated sheeting provides the necessary open areas for sound absorption while effectively protecting the integrated acoustic complex.
- In some cases, in order to improve the acoustic efficiency of the silencers, "cores" of the same construction are integrated on the inside.
- Finish: galvanized steel, painted to specification, stainless steel, PVC.



RECTANGULAR SILENCER

- Rectangular silencers consist of acoustic panels integrated in a duct.
- The silencers can be supplied with all adaptation or connection parts (support feet, transformation and connection parts, protection grids, etc.).
- Finish: galvanized steel, painted to specification, stainless steel, PVC



AXON

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OUR BUSINESS UNITS:

- industrial fans
- fluid cooling systems
- water treatment
- air treatment
- automation

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