



(219) 879-2600

Absorptive Silencers

Absorptive silencers provide extremely good broadband acoustical and aerodynamic performance. They consist of parallel baffles constructed with aerodynamic noses (leading edges) and perforated metal sides enclosing fibrous sound absorptive materials. By varying the number of baffles, baffle thickness, width of the air flow passages, and effective length, wide ranges of broadband acoustic and aerodynamic (pressure drop) performances can be achieved.

Sound Technologies consistently furnishes absorptive silencers to our clients on a customized basis. Installation configurations range from rectangular to round ductwork and stacks to skewed plenums. They are supplied mounted in shop fabricated casing assemblies or shipped loose with custom mounting hardware for installation within your existing equipment.

For their performance, absorptive silencers rely upon acoustic energy entering through their active (perforated) surfaces to be dissipated in the absorptive filler materials.

