

## SPRINGTRAP™ BASS ABSORBER

Bass sounds invariably end up causing standing wave resonance in all rooms. These resonances lead to poor bass clarity, peaks at some frequencies, dips at others, and inconsistent bass character throughout the room. The peaks and dips are all heard in the middle of the room, but standing waves result in strong sound pressures at the corners. Pressure-sensitive devices like the SpringTrap can effectively damp these standing waves, leaving the room with cleaner, tighter bass.

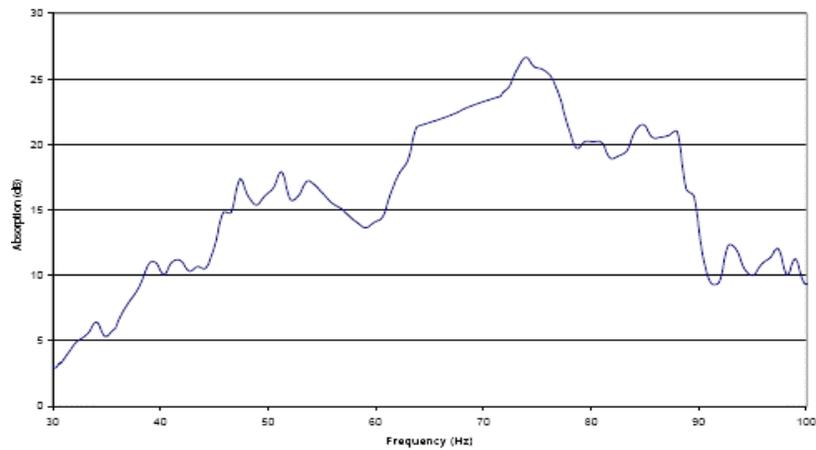
The Dimension4 SpringTrap™ from MSR, Inc. is the reference standard for bass absorbers in the audio industry. SpringTrap outperforms solutions constructed of foam or fiberglass because it effectively absorbs bass standing waves from 100 Hz all the way down to 30Hz.

SpringTrap is a triangular enclosure that you place in the corner of a room. Behind the front grille cloth is a large, rigid diaphragm panel, suspended on six precision springs and sealed with a rubber gasket like a woofer. Inside the enclosure are three cavities, each ported and tuned to the right frequencies to absorb the full range of low bass sounds. The absorption process is, in fact, a combination of cavity resonator effects and the conversion of acoustic energy into heat through fluid friction as the air particles move through the cabinet's internal ports.

SpringTrap is 46"x18"x18" and it can be painted to any color.

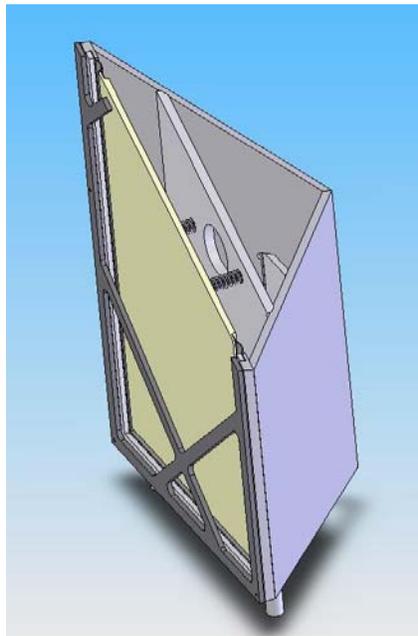


The Dimension4 SpringTrap. Notice the gasket-sealed diaphragm behind the removable grille.



The chart above shows the absorption performance of two SpringTraps in a 1,000 ft<sup>3</sup> room. Notice that up to 25dB of bass standing wave energy is eliminated.

MSR's SpringTrap is ideal for private screening rooms, home theaters, music listening rooms, media rooms, and gaming rooms. One or two SpringTraps in the corners of a room provide outstanding bass clarity and consistency for individuals seeking a cost-effective and high-performance solution to the problems of bass standing waves.



The MSR-exclusive SpringTrap™ bass absorber received the Mix Magazine "Certified Hit" award.

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