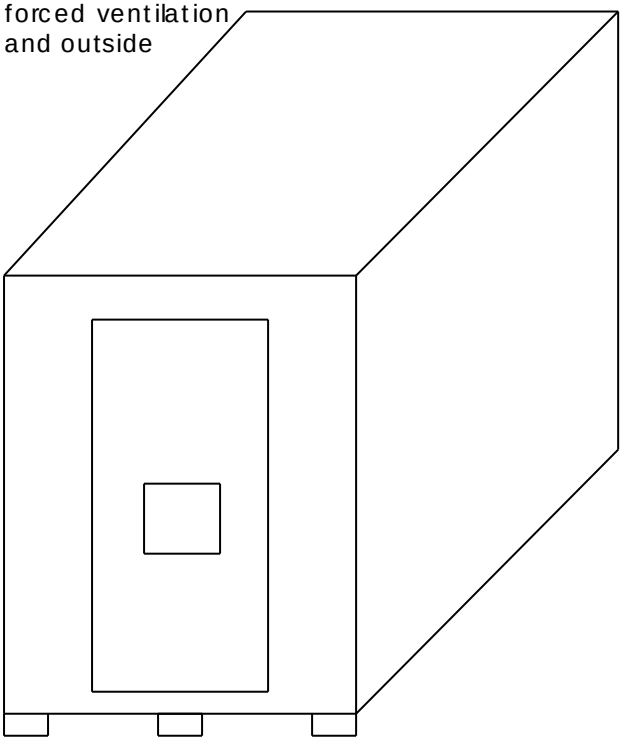
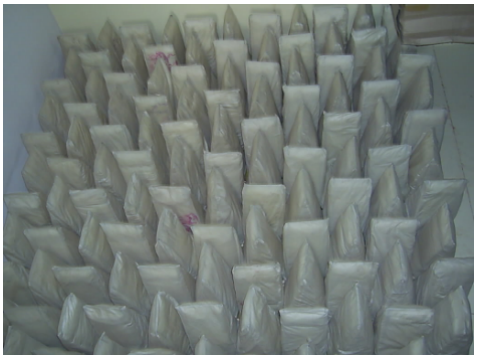
Sound Proof- /Sound Testing- /Anechoic- Chambers /Audiometry Booths
for machine noise & Loudspeaker measurements, Audiometry,

Audiolec offers customized solutions for Sound Proof/Sound Testing/ Anechoic chambers/Audiometry Booths.

Sound Proof/ Sound Testing chambers create acoustically quiet, non reflecting space, insulated from outside noise. Such a quiet space is used for accurate measurement of noise generated by machines, HVACs, motors, refrigerators.

Audiometry Booths are small structures (3' x3' x 6'), insulated from outside noise, with forced ventilation , pleasant interiors, observation window, and outside to inside signal connections.





Glass wool wedges inside anechoic chamber

Fig. : A Sound Proof Chamber made with MS walls lined internally with glass wool

Anechoic chambers provide low noise environment, very high internal sound absorption and very low reverberation time for a range of audio frequencies. Anechoic chambers are used for measurements on loudspeakers and microphones.

Anechoic chambers are generally built of brick walls. These walls are lined with wedges (shown above) of high density glass wool. These wedges 'absorb' incident sound, thus creating a reflection free space.

Audiolec Instruments, Survey No. 12, Lagad Mala, Vadgaon Khurd, Sinhgad Road,
Pune 411 041, India. Ph. +91 9422366562
web site : www.audiolec.com, email : audiolec@vsnl.net