

SoundLok® Sound-Isolation Rooms with VAE® Technology

- A SoundLok Sound-Isolated Practice Room equipped with digital signal processing that allows musicians to hear themselves in a variety of acoustical environments
- System comes with 10 pre-set acoustical environments: practice room, baroque room, medium recital hall, large recital hall, small auditorium, medium auditorium, large auditorium, cathedral, sports arena and system off
- Accelerates development of articulation, intonation and control in a variety of environments from very "dry" to very "live"
- Record/playback feature provides an effective teaching/coaching studio to train students in the relationship between the acoustical environment and instrumental or choral technique
- A radical new version of the "greenroom" that allows for warm-up in a more realistic environment
- Does not require any technical expertise to operate the room. Easier than a TV remote control
- Allows practice for performance without having to schedule the performance space for rehearsal
- Stimulates creativity and encourages practice by relieving the tedium of playing in an acoustically "dry" practice room
- VAE is available in several sized rooms ranging from 5' 8" x 5' 8" to 18' 2" x 19' 5" (1727 x 1727 mm to 5537 x 5918 mm)
- Internal ceiling height ranges from 7' 6" (2286 mm) to 10' (3048 mm) in 6" (152 mm) increments
- Wall and ceiling panels feature powder-coat paint available in oyster, warm sand or vanilla finish
- Floor railings and doors are available in charcoal grey or warm beige finish
- Built-in LED lighting to minimize power consumption; Provides 80 fc at 36" (914 mm) above the floor for a 7' 6"h (2286 mm) room
- ETL classified room wiring system
- Rated: NIC 63 room to room; NIC 41 hallway to room
- Sound isolating door with a full window
- Internal fan ventilation system: NC 25
- Direct connection HVAC (optional): acoustically isolated HVAC connections of STC 45
- Wall and ceiling panels flame spread <25 and smoke developed <450
- Control panel: one 18-button control panel
Nine acoustical environments, volume up, volume down, system mute (off), record, stop, play, rewind, fast forward, clear and select buttons
- Doors feature a double acoustical seal with a cam type hinge and an acoustically-engineered window
- UL GREENGUARD certified - product certified for low chemical emissions: ul.com/gg - UL 2818

Control System

- Lighting, room ventilation fans and master power for active acoustical system each individually controlled by an on/off toggle switch. UL®-Listed, CSA-approved
- Optional light sensor switch

Microphone

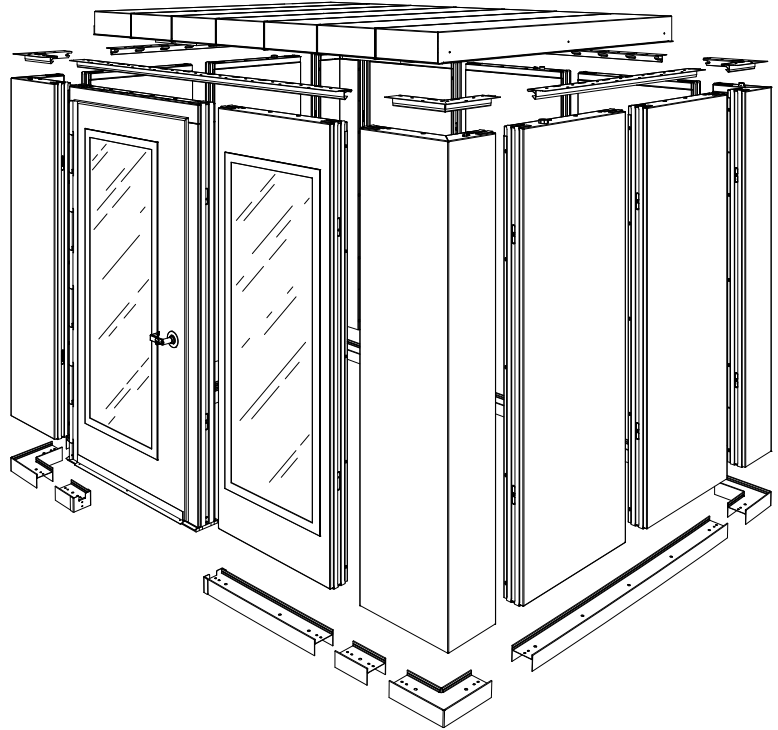
- Transducer type: self-polarized condenser microphone
- Frequency response: 60 to 20,000 Hz
- Signal-to-Noise ratio re 1 Pa (A-weighted): 67dB
- Maximum sound pressure level for 1.0% THD: 115dB SPL

Speakers

- Frequency response: On Axis (0°) +/- 2dB from 70 - 20kHz. Off Axis (30°) +/- 2dB from 70 - 15kHz
- Sensitivity-room/Anechoic; 89dB/86dB
- Maximum input power: 80 watts
- Low frequency extension: 48Hz (DIN)

Installation Requirements

- Internal room fan system typically exchanges ambient surrounding air every 1-1/2 to 2 minutes depending on room size
- Contact Wenger for cfm requirements based on room size for direct connect HVAC
- For internal room heights of 7' 6" (2286 mm), overall ceiling height of 9' (2743 mm) is required for units with internal ventilation fan, 10' 7" (3226 mm) for direct connect HVAC rooms
- Closure panels suggested for improved security
- Electrical requirements: 120V, 20A, 60Hz for each room
- Ambient temperature for electronics 32°F to 95°F (0° to 35°C)



Available in a Variety of Sizes from
5' 8" x 5' 8" to 18' 2" x 19' 5"
(1727 x 1727 mm to 5537 x 5918 mm)

Requires Minimum Ceiling Height of 9' (2743 mm)

