

# Sound-Isolated Practice Rooms

A Sound-Isolated Practice Room with built-in components to allow upgrading to Virtual Acoustic Environments (VAE™) at any time in the future. Upgrading will not require disassembly of the room. Upgrade is possible on Practice Rooms with areas up to 125 square feet (12 square meters).

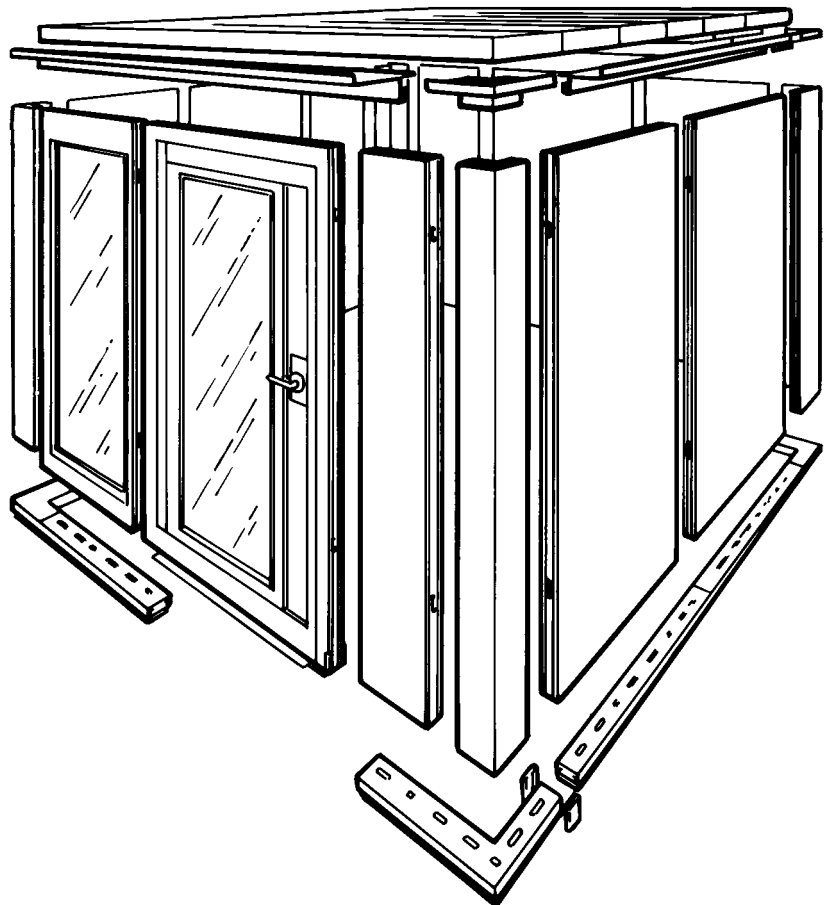
- Many size options accommodate one musician or ensembles up to fifteen musicians.
- Sizes range from 5'8" x 4'5" to 25'8" x 24'5" (173 x 135 cm to 782 x 744 cm).
- Internal ceiling height is 7'6" (229 cm).
- Can relocate, reconfigure, and upgrade with Virtual Acoustic Environments (VAE™).

## Sound-Isolation and Internal Acoustics

- Ideal acoustical environment for uninterrupted music instruction, rehearsal, recording, etc.
- Acoustically dry environment accurately reflects sound.
- Rated: NIC 40 exterior to interior; NIC 60 interior to interior of adjacent module.
- Ambient noise at center of module: NC 25 with lighting and ventilation systems on.
- Acoustically seals to floor without attachments, adhesives or caulking.

## Practice Room Construction

- Wall and ceiling panels UL®-Class 1 Classification for flame spread and smoke developed.
- UL-Classified room wiring system
- Wall and ceiling panels feature oyster-color, epoxy powder baked finish with charcoal trim.
- Hardware and electrical trim finish is satin chrome.
- Wall and ceiling frames are 16-gauge steel channels.
- Frame compensates for up to  $\frac{3}{4}$ " (2 cm) variation in floor surface.
- Includes  $1\frac{1}{4}$ " (3 cm) neoprene pad to isolate floor vibration.
- Interior surfaces are 22-gauge perforated or solid steel; exterior surface is 16-gauge solid steel.
- Panel perimeters feature continuous acoustical gaskets and alignment locks.
- STC 43 rated doors are pre-hung on 36" (91 cm) frame for either right or left-hand swing, can open either in or out.
- Doors feature a double acoustical seal and an acoustically-engineered window.
- Corner sections with built-in speaker enclosures and wiring.
- Wall panels with built-in microphone mounts and wiring.
- Control panel with built-in wiring for VAE.



### Installation Requirements

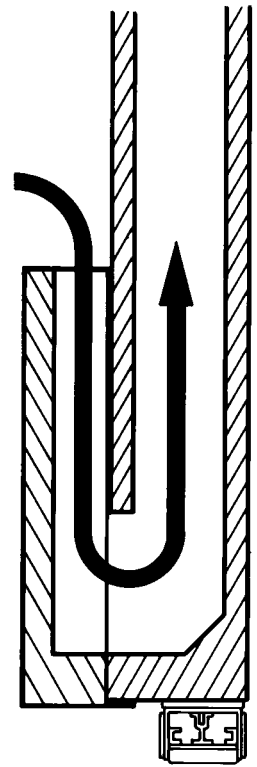
- Minimum ceiling clearance for smaller modules is 8'1" (246 cm). Larger modules with ceiling beam require minimum clearance of 8'8" (264 cm). Clearance with future electronics added is 9' (274 cm). Modules with direct HVAC require a minimum clearance of 10' 7" (323 cm).
- Minimum 1' (30 cm) spacing between walls and adjacent modules.
- 120V, 60Hz, 20A, dedicated circuit.
- Installation by Wenger service technicians is standard.

### Mechanical Systems

- Built-in components and wiring to allow for easy upgrade to VAE without module disassembly.
- Built-in fluorescent lighting with electronic ballasts to minimize fluorescent hum and power consumption. Provides 80 fc at 36" (91 cm) above the floor.
- Room has a UL®-Classified wiring system. Features one quad receptacle, Light, Air, and VAE switches and 20' (610 cm) power cable. Requires wiring a manufacturer supplied connector by a local electrician.
- Internal room fan system typically exchanges ambient surrounding air every 1½ to 2 minutes.
- Contact Wenger for cfm requirements based on room size.
- Plenum and ducts feature acoustically isolating construction.

### Options

- Window wall panels are 9" or 24" (23 or 61 cm) windows.
- Choice of pebble, wedgewood, black, oyster, charcoal or raspberry door panel insets.
- Four double junction boxes for customer-installed fire alarms, clocks, phone lines, etc.
- Sound-isolating floating floor system (recommended for installations above grade level).
- Closure panels for use between modules.
- Extension panels increase module height by 15" or 30" (38 or 76 cm). (Can not be used with VAE).
- Adaptable for direct connection to building HVAC system.
- 48" (122 cm) door for timpani.
- Custom options include: one-way glass, 20-minute fire-rated door, double doors, and more.



Acoustically quieted airflow system can act alone or be attached to building HVAC systems.

# Wenger®

*Your Performance Partner*

**WENGER CORPORATION**  
555 Park Drive, PO Box 448  
Owatonna, MN 55060-0448  
Phone 800.4WENGER (493-6437)  
Fax 507.455.4258  
Customer Service 800.887.7145

**WENGER CORPORATION**  
**CANADIAN REPRESENTATIVE OFFICE**  
Phone 800.268.0148

**WENGER CORPORATION**  
**BEIJING REPRESENTATIVE OFFICE**  
Phone 0086-10-84972502  
Fax 0086-10-84972575

**WORLDWIDE**  
Phone 1.507.455.4100  
Fax 1.507.444.0685

**WEB SITE**  
[wengercorp.com](http://wengercorp.com)