

Double Wall Audiometric Examination Suites



Acoustic Systems' double wall suites ensure the highest level of acoustic control for sophisticated research and impressive facility performance, and maximize isolation for both audiologist and patient. A number of options are available to further customize your booth.

Acoustic Systems' network of professional representatives assist in the selection and installation of your audiometric suite. They have been factory trained regarding specifications, product performance, and installation, and offer a selection of products to complete your testing environment.

MODELS:

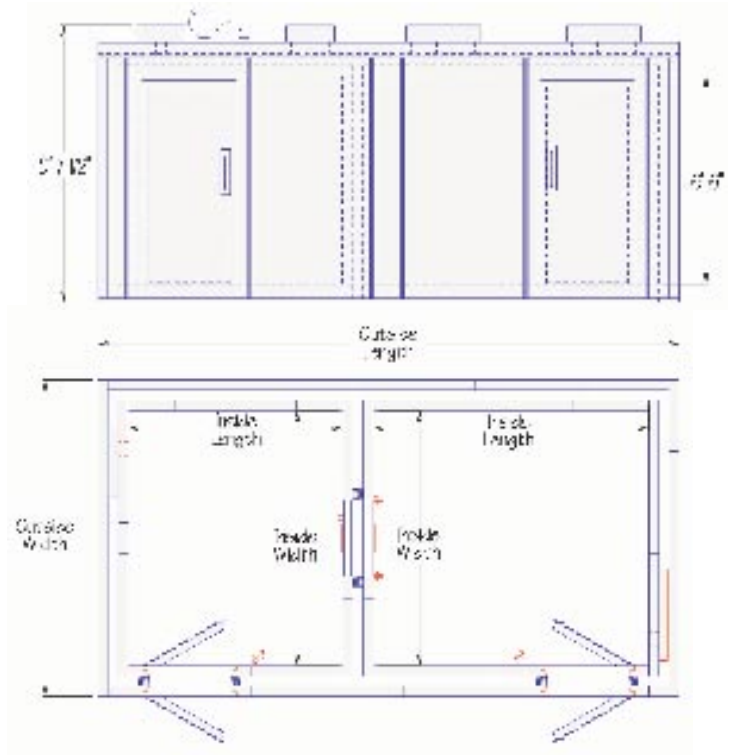
RS-240 Series
**Double Wall Control/
Double Wall Exam Suites**



Acoustic Systems manufactures a wide range of modular acoustic enclosures for audiology programs. The enclosures offer varying levels of acoustic performance, variations in floor plans, and numerous appearance options. Acoustic Systems maintains a NVLAP accredited laboratory (NVLAP Lab Code 100286-0) for constant product research and performance assurance.

Double Wall Audiometric Examination Suites

| MODEL | DIMENSIONS | | WEIGHT (LBS) |
|---------|-----------------------------|---------------------------------------|-----------------|
| | Control Exam | Inside (W x L) Outside (W x L x H) | |
| RS-242 | 4'0" x 6'4" 6'0" x 6'4" | 13'0" x 8'4" x 8'1" | 12,100 |
| RS-242L | 5'0" x 6'4" 6'0" x 6'4" | 14'0" x 8'4" x 8'1" | 12,480 |
| RS-243 | 5'4" x 7'0" 7'4" x 7'0" | 15'8" x 9'0" x 8'1" | 13,960 |
| RS-244 | 7'0" x 8'4" 9'0" x 8'4" | 19'0" x 10'4" x 8'1" | 17,540 |
| RS-245 | 8'0" x 9'4" 10'0" x 9'4" | 21'0" x 11'4" x 8'1" | 19,860 |
| RS-246 | 5'0" x 5'2" 8'0" x 5'2" | 16'0" x 7'2" x 8'1" | 12,480 |
| RS-247 | 5'2" x 8'0" 5'2" x 8'0" | 13'4" x 7'2" x 8'1" | 12,680 |
| RS-248 | 5'2" x 8'0" 10'0" x 8'0" | 18'2" x 10'0" x 8'1" | 16,880 |



FEATURES

- Acoustically engineered independent ventilation mounted external to wall or roof panels
- Jack panel with cable pass-thru
- Recessed incandescent lighting
- Sealed 32" clear opening acoustic door with camlift hinges
- Window, double glazed, laminated, safety glass, 30" wide by 24" high
- Recessed electrical service via a 12 foot grounded power cord
- Isolated acoustic floor in both Control Room and Exam Room
- Externally mounted outlet strip

Acoustical Performance

Sound Absorption

| Center Frequency Hz | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|------------------------|------|------|------|------|------|------|------|
| Absorption Coefficient | 0.79 | 1.08 | 1.10 | 1.02 | 1.04 | 1.00 | 1.05 |

Sound absorption coefficients measured in accordance with ASTM C423-84a.

Noise Reduction

| Center Frequency Hz | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---------------------|-----|-----|-----|------|------|------|------|
| Double Wall Room | 44 | 62 | 81 | 93 | 100 | 100 | 95 |

Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596



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