



AUDIOMETRIC SOLUTIONS

SCREENING BOOTHS
EXAMINATION BOOTHS AND SUITES
ENGINEERING SERVICES

***COMMITTED TO ENHANCING PATIENT
EXPERIENCES AND OUTCOMES***

 **ETS·LINDGREN[®]**
An ESCO Technologies Company



YOUR PARTNER IN AUDIOMETRIC MEASUREMENT

WHY PURCHASE FROM ETS-LINDGREN

What does it take to lead? An insatiable curiosity and quest for knowledge in the science and engineering that lead to breakthrough products and solutions. A tireless pursuit of discoveries that directly impact the industries and ultimately the people we serve. Above all, it takes a willingness to invest in the people who know how to implement our state-of-the-art products and solutions to achieve the best possible outcomes and results.

When it comes to audiometric solutions, the leader is ETS-Lindgren.

CERTIFIED COMPANY
ISO 9001:2015
CEDAR PARK • BANGALORE
BEIJING • DURANT • EURA
MINOCQUA • WOOD DALE

NVLAP[®]
TESTING
NVLAP LAB CODE 100286-0



ACOUSTIC EXPERTISE

For more than 40 years, ETS-Lindgren has provided superior sound isolation solutions for audiology and related research. We bring advantages that ensure reliability, integrity and expertise with:

- **Superior Quality** – As an ISO 9001 compliant company, ETS-Lindgren products are manufactured and tested in strict accordance to the highest standards for required sound isolation and absorption.
- **Product Selection** – Our diverse audiometric product line provides more standard features to allow clients to select the size and feature package according to the specific requirements of their individual project. A wide variety of colors, trims and finishes means aesthetics are not sacrificed for performance.
- **In-House Design and Testing Facilities** – The ETS-Lindgren certified in-house testing and design facilities ensure our solutions will perform according to the standards your application demands. This includes the ability to test a full-size audiometric exam suite inside a reverberation chamber. This whole system testing capability provides “actual” performance data, compared to “typical” performance data that comes from separate measures of individual components. It also allows whole system testing required for applicable test standards.
- **Stable Partner** – As part of ESCO Technologies, we have the financial strength to meet our commitments today and well into the future.
- **Global Network** – In addition to our in-house expertise, ETS-Lindgren has a global network of more than 800 dedicated experts and over 60 independent representatives – each committed to the success of our clients in Asia, Europe, the Middle East and the Americas.
- **Corporate Responsibility** – From audiometric-related charitable contributions to incorporating green materials into our products, corporate responsibility is a large part of our corporate culture.



EXPERT SOLUTIONS FOR AUDIOMETRIC MEASUREMENT

PRODUCTS AND SERVICES FROM THE INDUSTRY EXPERT

When it comes to audiometrics, performance is everything. Whether you're screening one individual in a "mini" screening booth or conducting clinical studies in a highly controlled environment, ETS-Lindgren has developed the product solutions that create ideal conditions for your testing needs. Our service solutions were designed to provide our customers with the services they require to have the most successful results possible.

ETS-Lindgren is *committed to enhancing patient experiences and outcomes.*



PROVEN PERFORMANCE

There's a reason people prefer to work with ETS-Lindgren and it's evident in every product we design, manufacture, install and maintain, including:

- “Mini” and Standard-sized Screening Booths
- Multi-configurable Test Booths
- Examination Booths
- Examination Suites
- Group Test Booths

SERVICE SOLUTIONS

In addition to dynamic product solutions, ETS-Lindgren also offers expertise in services, including:

- Consulting Solutions
- Custom Product Designs
- Booth/Suite Relocation
- Repair/Maintenance Services

For more information as to how ETS-Lindgren's products and services can help you achieve your audiometric measurement needs, please contact your local ETS-Lindgren representative or visit our website at ets-lindgren.com.

SCREENING BOOTHS, EXAMINATION BOOTHS AND SUITES FOR AUDIOLOGY

When it comes to ETS-Lindgren's full line of screening booths, examination booths and suites for audiology, hearing is believing. From single-person, "mini" screening booths to fixed-booth applications, multi-configurable test booths, triangular-shaped corner booths, exam booths, exam suites, group test booths and more – our audiology solutions are the ideal fit for any space or environment. Proprietary materials and manufacturing isolate subjects from outside noise to ensure the precision and integrity of results.

At the same time, these solutions maximize patient comfort with a wide selection of features, finishes and other aesthetics. Low threshold patient entry improves accessibility while lighting, windows and climate controls maximize the patient experience, without compromising test results.



PRODUCT FEATURES

SUPERIOR ACOUSTIC ISOLATION

ETS-Lindgren's AS-A504 acoustic panel will provide years of use, while maintaining excellent acoustic isolation.

SOUNDSECURE™ ACOUSTIC DOORS AND WINDOWS

As the most critical component of any sound isolation system, SoundSecure acoustic doors feature a double magnetic seal, heavy-duty hinges, and compression thresholds. These doors ensure proper sound isolation performance, yet are easy to operate for quick patient access.

SoundSecure acoustic windows are produced from double-glazed, laminated safety glass. Mounted in heavy-gauge steel frames with rubber compression seals free of plastic inserts, these windows offer excellent acoustic isolation, with the convenience of patient viewing.

ACOUSTIC FLOOR SYSTEM

Many of our booths and suites offer a low-profile, sound and vibration isolated floor system. This lower threshold allows easier patient entry into the testing environment, while maintaining excellent acoustic performance.

DURABLE POWDER COAT FINISH

All ETS-Lindgren Booths and Suites feature a durable, environmentally friendly powder coat finish. This scratch-resistant finish allows for years of use, while maintaining its attractive appearance.

CEILING SOFFIT

For a cleaner line-of-sight, many of our products feature a ceiling soffit to obscure roof-top ventilation and electrical connections.

VARIABLE SPEED AMBIENT AIR CIRCULATION SYSTEM

An enhanced ambient air circulation system provides variable speed operation with reduced noise and increased patient comfort.

ILLUMINATION SYSTEMS

All booths and suites include an integrated illumination system as a standard feature. This lighting system provides a bright environment for both test setup and patient testing. LED illumination is available as an option on many of our booths and suites.

DESIGNER TREATMENTS

Our booths and suites are designed to blend seamlessly into your patient environment. Attractive exteriors, carpeting and decorative trim provide a contemporary designer touch. Platinum is our standard exterior color, with other exterior colors available as an option. Window trim colors complement the exterior color, with optional colors available.

PRE-WIRED JACK PANEL WITH CABLE PASS-THRU

Our pre-wired panel reduces the sound path to the booth interior, resulting in higher panel isolation performance and a quieter interior. Multiple connectors accommodate all modern test equipment requirements.

CONVENIENCE OUTLET

Most booths and suites feature interior and exterior electrical outlets. For added convenience, optional recessed conduit drops (data, phone, alert, etc.) are also available for most models.

SINGLE PERSON “MINI” SCREENING BOOTHS RE-125, RE-126, RE-130

FEATURES:

- Ships Pre-assembled
- Pre-wired Jack Panel
- Acoustic Floor with Two Locking and Two Non-locking Casters
- Switch-activated LED Illumination System
- Acoustically Engineered Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door
- Carpeting with Cove Base Trim
- 366 cm (12') Low Voltage Power Supply Cord
- Folding Shelf

“Mini” Screening Booths provide a self-contained environment for hearing conservation programs. These screening booths are shipped pre-assembled with floor-mounted casters for mobility. The space efficient design fits through most office doors.

For consistent testing environments, Models RE-125 and RE-126 are produced using 5 cm (2”) thick panels. For testing environments with inconsistent ambient conditions, the RE-130 provides a higher degree of noise reduction with 8 cm (3”) thick panels.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Mini Booths (dB)	11	31	33	41	48	49	46

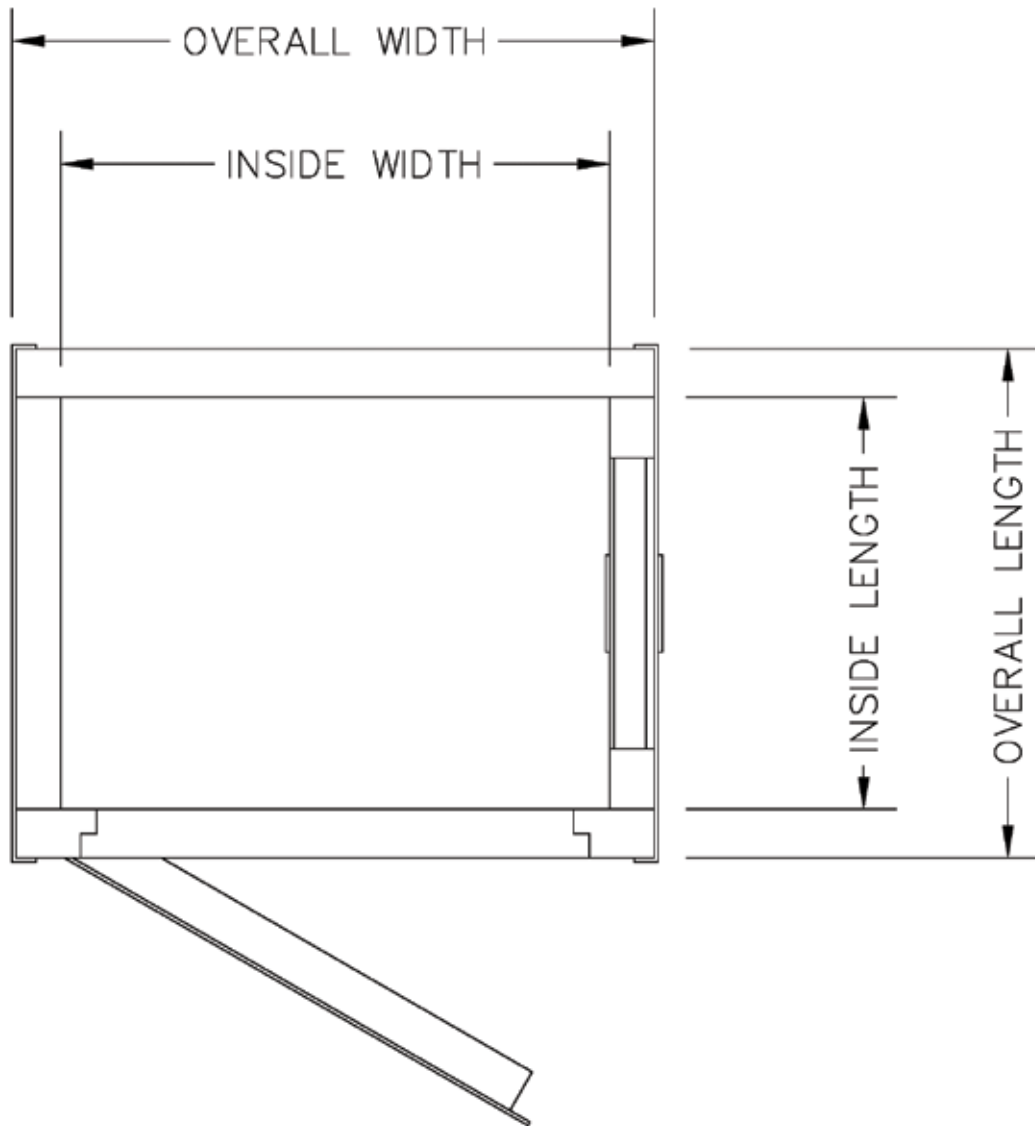
Max. Permissible Noise Levels from Ventilation²

	Center Frequency (HZ)				
	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SPL (dB)	19.5	26.5	28.0	34.5	43.5

¹ Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

² ETS-Lindgren warrants the maximum octave band sound pressure levels shall not exceed ANSI S3.1 ears covered levels for a test frequency range of 125 Hz to 8000 Hz, provided the booth has been selected appropriately with consideration of the noise and vibration levels of the host environment.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions (W x L x H)	Weight
RE-125	91 cm x 71 cm x 165 cm 3' x 2' 4" x 5' 5"	102 cm x 81 cm x 201 cm 3' 4" x 2' 8" x 6' 7"	374 kg 825 lb
RE-126	89 cm x 65 cm x 165 cm 2' 11" x 2' 1" x 5' 5"	99 cm x 74 cm x 201 cm 3' 3" x 2' 5" x 6' 7"	318 kg 700 lb
RE-130	86 cm x 66 cm x 165 cm 2' 10" x 2' 2" x 5' 5"	102 cm x 81 cm x 201 cm 3' 4" x 2' 8" x 6' 7"	397 kg 875 lb

SINGLE WALL SCREENING BOOTHS

RE-140, RE-141

FEATURES:

- Pre-wired Jack Panel
- Low-profile, 12 cm (4 3/4") Isolated Floor System
- Switch-activated LED Illumination System
 - Acoustically Engineered Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door with Window
 - Carpeting with Cove Base Trim
- 366 cm (12') Power Supply Cord
- Folding Shelf

Single Wall Screening Booths are ideal for screening environments where a fixed booth is desired, the ambient conditions dictate increased attenuation, or clinical isolation may be required.

The RE-140 and RE-141 booths are constructed with our standard AS-A504 10 cm (4") thick wall panels, which provide impressive isolation, as well as several other features which are considered optional by other manufacturers.

Acoustic Performance

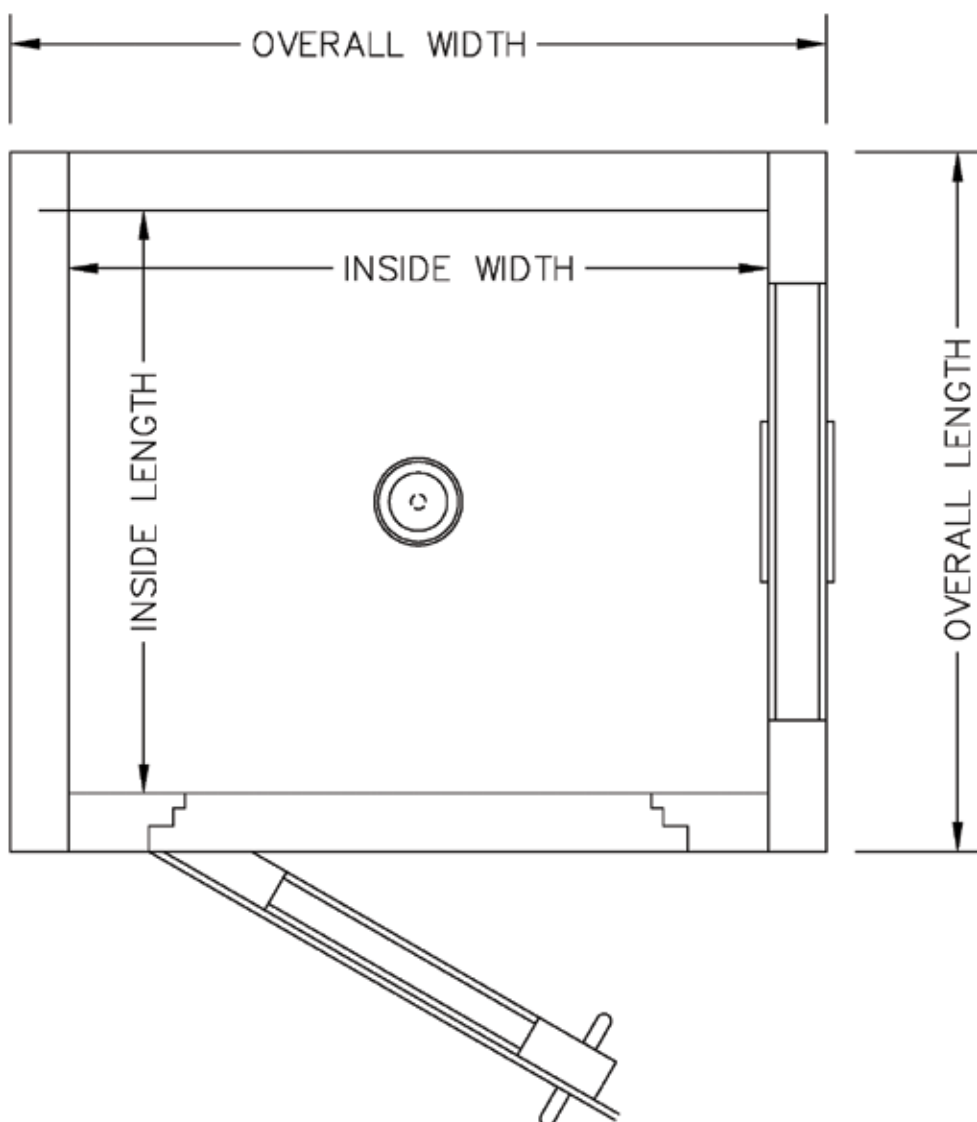
Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Single Wall Booths (dB)	24	32	42	49	55	57	55	44

	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05	

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions ³ (W x L x H)	Weight
RE-140	102 cm x 91 cm x 198 cm 3' 4" x 3' 0" x 6' 6"	122 cm x 112 cm x 228 cm 4' 0" x 3' 8" x 7' 5 5/8"	748 kg 1,650 lb
RE-141	122 cm x 102 cm x 198 cm 4' 0" x 3' 4" x 6' 6"	142 cm x 122 cm x 228 cm 4' 8" x 4' 0" x 7' 5 5/8"	839 kg 1,850 lb

³Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

MULTI-CONFIGURABLE (MC) TEST BOOTHS

RE-142MC, RE-143MC, RE-146MC

FEATURES:

- Single Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System
- No Floor, Rubber Underlay Option Available
- Switch-activated LED Illumination System
 - Acoustically Engineered Roof- and Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door with Window
 - Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

The MC Series Audiometric Test Booths are booths constructed of interchangeable panels for on-site configuration and layout flexibility. The booths can be dismantled, relocated, and rearranged as different needs arise. Doors can be configured to swing in or out.

MC Test Booths are constructed with our standard AS-A504 10 cm (4 in) thick wall panels, which provide impressive isolation, as well as several other features which are considered optional by other manufacturers.

Acoustic Performance

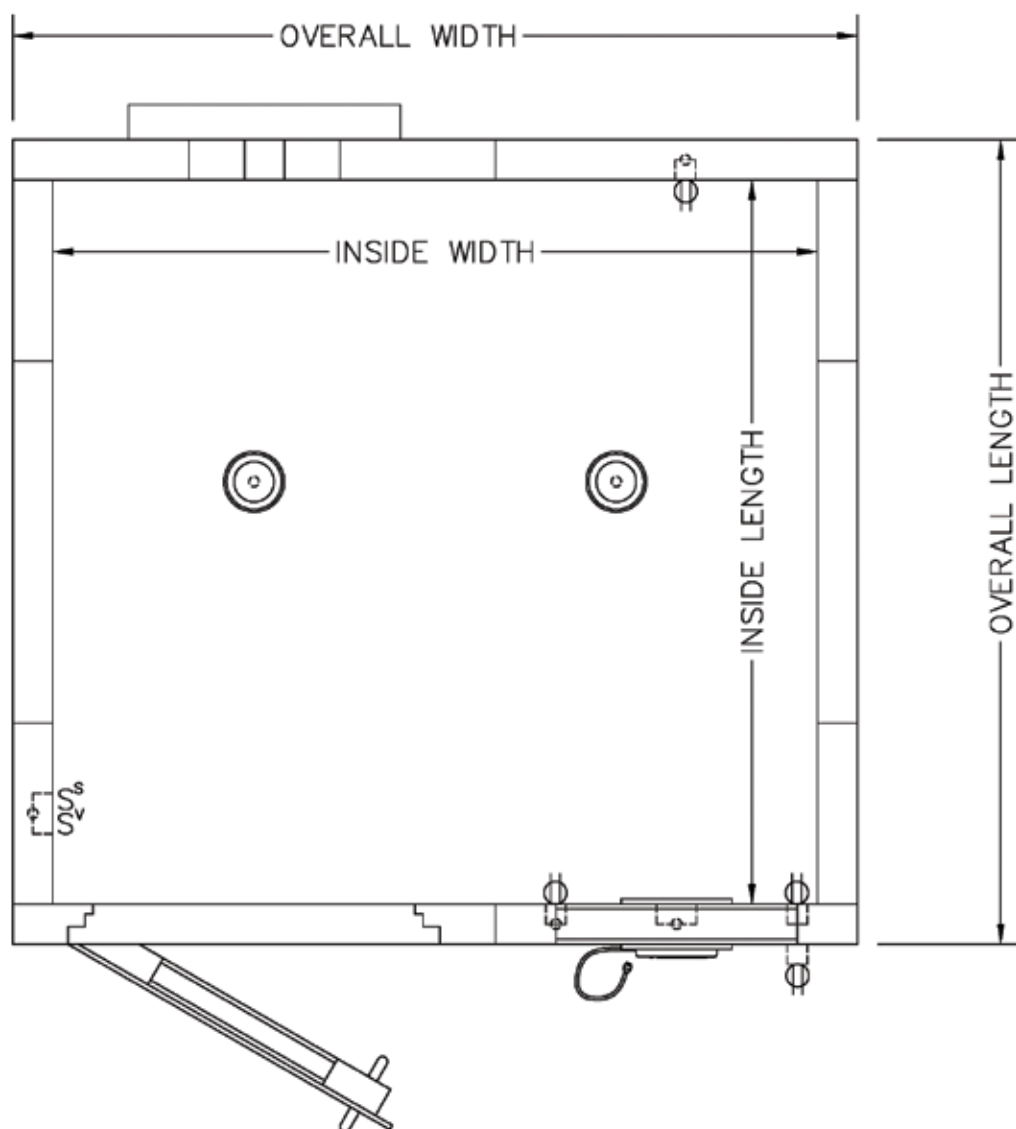
Noise Reduction ¹	Center Frequency (HZ)							NIC
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
Single Wall Booths (dB)	24	32	42	49	55	57	55	44

	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions ³ (W x L x H)	Weight
RE-142MC	193 cm x 183 cm x 198 cm 6' 4" x 6' 0" x 6' 6"	213 cm x 203 cm x 248 cm 7' 0" x 6' 8" x 8' 1 5/8"	1,746 kg 3,850 lb
RE-143MC	224 cm x 213 cm x 198 cm 7' 4" x 7' 0" x 6' 6"	244 cm x 234 cm x 248 cm 8' 0" x 7' 8" x 8' 1 5/8"	2,109 kg 4,650 lb
RE-146MC	193 cm x 122 cm x 198 cm 6' 4" x 4' 0" x 6' 6"	213 cm x 142 cm x 248 cm 7' 0" x 4' 8" x 8' 1 5/8"	1,383 kg 3,050 lb

³Exterior height includes roof-mounted ventilation system and extended roof aprons. Custom options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

DELTA EXAM BOOTHS

DELTA 142, DELTA 143

FEATURES:

- Single Wall Design
- Clinical Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System
- No Floor, Rubber Underlay Option Available
- Switch-activated LED Illumination System
- Acoustically Engineered Roof-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door with Window
- Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Delta Exam Booths are triangular in shape and can fit into the corner of even the smallest office. Still achieving dependable acoustical performance, these booths furnish ample room for both patient and sound field equipment, while retaining the efficient work space required in today's clinical environments.

Constructed with our standard AS-A504 10 cm (4") thick panels, the Delta Exam Booths provide impressive isolation in a space-effective package.

Acoustic Performance

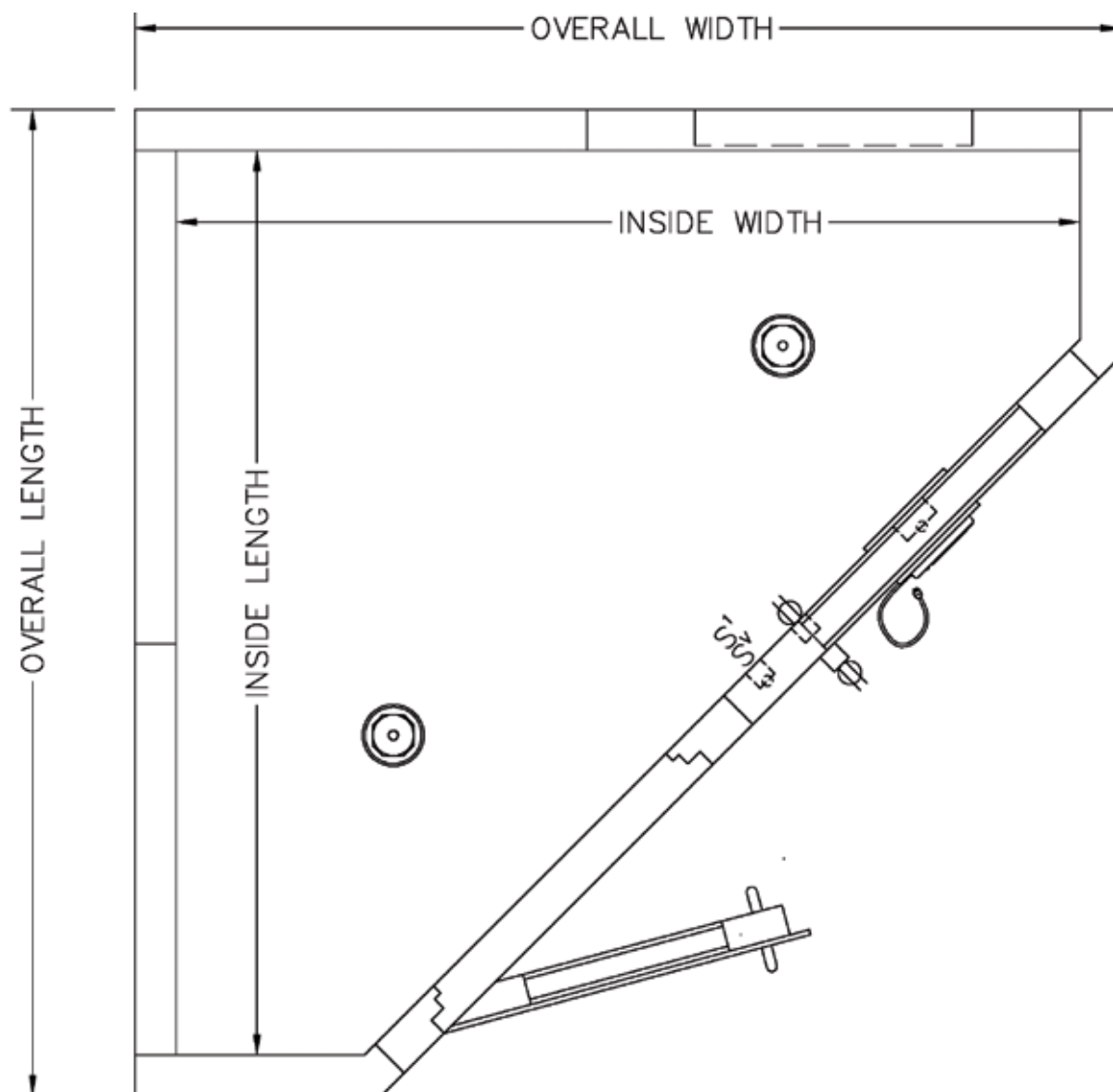
Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Single Wall Booths (dB)	24	32	42	49	55	57	55	44

	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions ³ (W x L x H)	Weight
Delta 142	183 cm x 183 cm x 198 cm 6' 0" x 6' 0" x 6' 6"	203 cm x 203 cm x 248 cm 6' 8" x 6' 8" x 8' 1 5/8"	1,588 kg 3,500 lb
Delta 143	224 cm x 224 cm x 198 cm 7' 4" x 7' 4" x 6' 6"	244 cm x 244 cm x 248 cm 8' 0" x 8' 0" x 8' 1 5/8"	1,633 kg 3,600 lb

³Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

SINGLE WALL EXAM BOOTHS

RE-142, RE-143, RE-144, RE-145, RE-146, RE-147, RE-148

FEATURES:

- Single Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System
- No Floor, Rubber Underlay Option Available
- Ceiling Mounted LED Illumination System
 - Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door (Window Optional)
 - Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Single Wall Audiometric Exam Booths are constructed with our standard AS-A504 10 cm (4") thick wall panels, which provide impressive isolation. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

Single Wall Audiometric Exam Booths offer the choice of either a standard model package or a built-to-order design to meet special requirements. Please contact ETS-Lindgren for further information and product availability.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Single Wall (dB)	24	32	42	49	55	57	55	44
Single Wall Enhanced ² (dB)	26	32	43	50	57	59	58	46

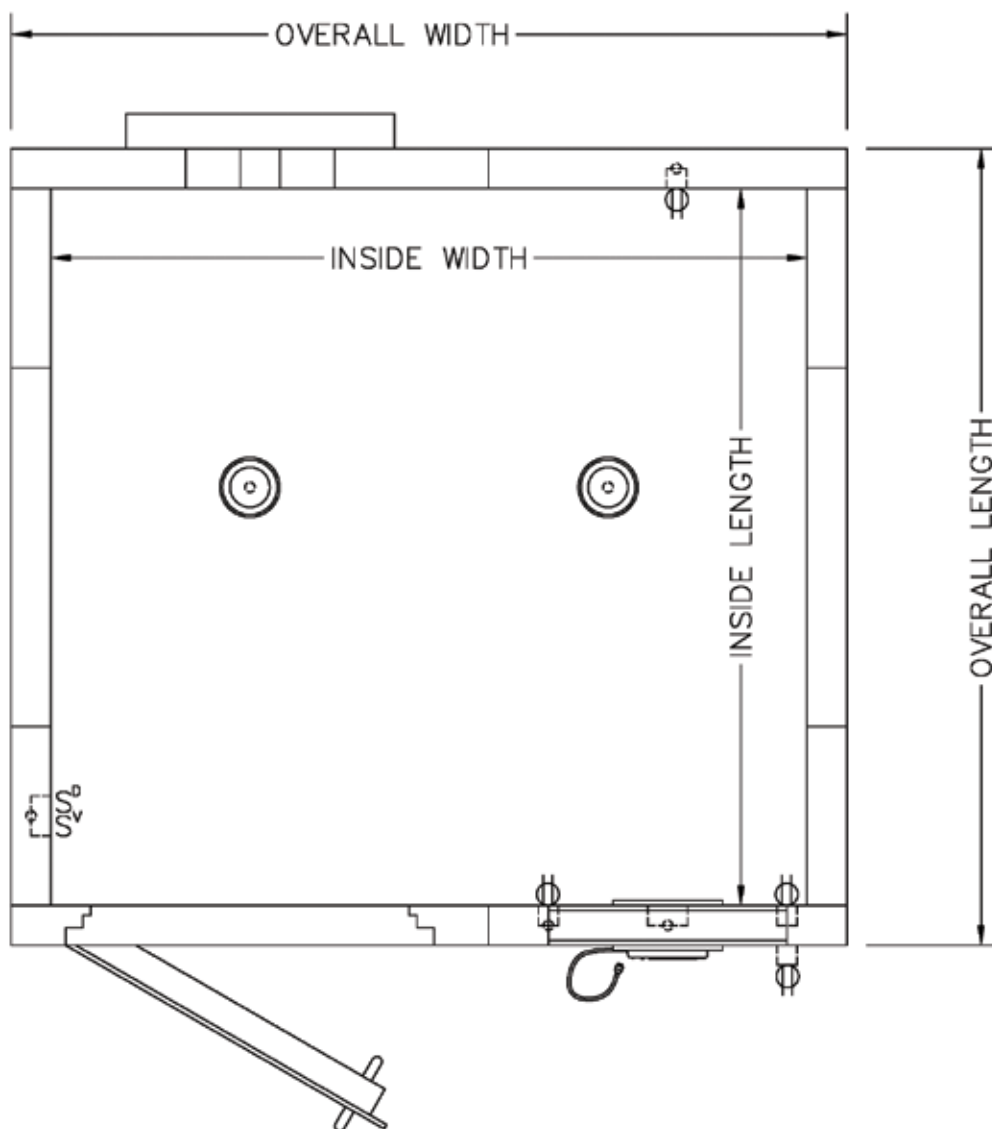
Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Enhanced with interior acoustic fabric-wrapped aesthetic trim panels.

³Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions ⁴ (W x L x H)	Weight
RE-142	193 cm x 183 cm x 198 cm 6' 4" x 6' 0" x 6' 6"	213 cm x 203 cm x 248 cm 7' 0" x 6' 8" x 8' 1 5/8"	1,746 kg 3,850 lb
RE-143	224 cm x 213 cm x 198 cm 7' 4" x 7' 0" x 6' 6"	244 cm x 234 cm x 248 cm 8' 0" x 7' 8" x 8' 1 5/8"	2,109 kg 4,650 lb
RE-144	274 cm x 254 cm x 198 cm 9' 0" x 8' 4" x 6' 6"	295 cm x 274 cm x 248 cm 9' 8" x 9' 0" x 8' 1 5/8"	2,740 kg 6,040 lb
RE-145	305 cm x 284 cm x 198 cm 10' 0" x 9' 4" x 6' 6"	325 cm x 305 cm x 248 cm 10' 8" x 10' 0" x 8' 1 5/8"	3,071 kg 6,770 lb
RE-146	193 cm x 122 cm x 198 cm 6' 4" x 4' 0" x 6' 6"	213 cm x 142 cm x 248 cm 7' 0" x 4' 8" x 8' 1 5/8"	1,383 kg 3,050 lb
RE-147	244 cm x 157 cm x 198 cm 8' 0" x 5' 2" x 6' 6"	264 cm x 178 cm x 248 cm 8' 8" x 5' 10" x 8' 1 5/8"	1,633 kg 3,600 lb
RE-148	305 cm x 244 cm x 198 cm 10' 0" x 8' 0" x 6' 6"	325 cm x 264 cm x 248 cm 10' 8" x 8' 8" x 8' 1 5/8"	2,767 kg 6,100 lb

⁴Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

DOUBLE WALL EXAM BOOTHS

RE-241, RE-242, RE-243, RE-244, RE-245, RE-246, RE-247, RE-248

FEATURES:

- Double Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System
- Ceiling Mounted LED Illumination System
- Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door (Window Optional)
- Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Double Wall Audiometric Exam Booths are constructed with our standard AS-A504 10 cm (4") thick wall panels, which provide exceptional isolation. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

Double Wall Audiometric Exam Booths offer the choice of either a standard model package or a built-to-order design to meet special requirements. Please contact ETS-Lindgren for further information and product availability.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Double Wall (dB)	44	60	79	84	89	91	84	68
Double Wall Enhanced ² (dB)	47	62	79	84	90	92	83	72

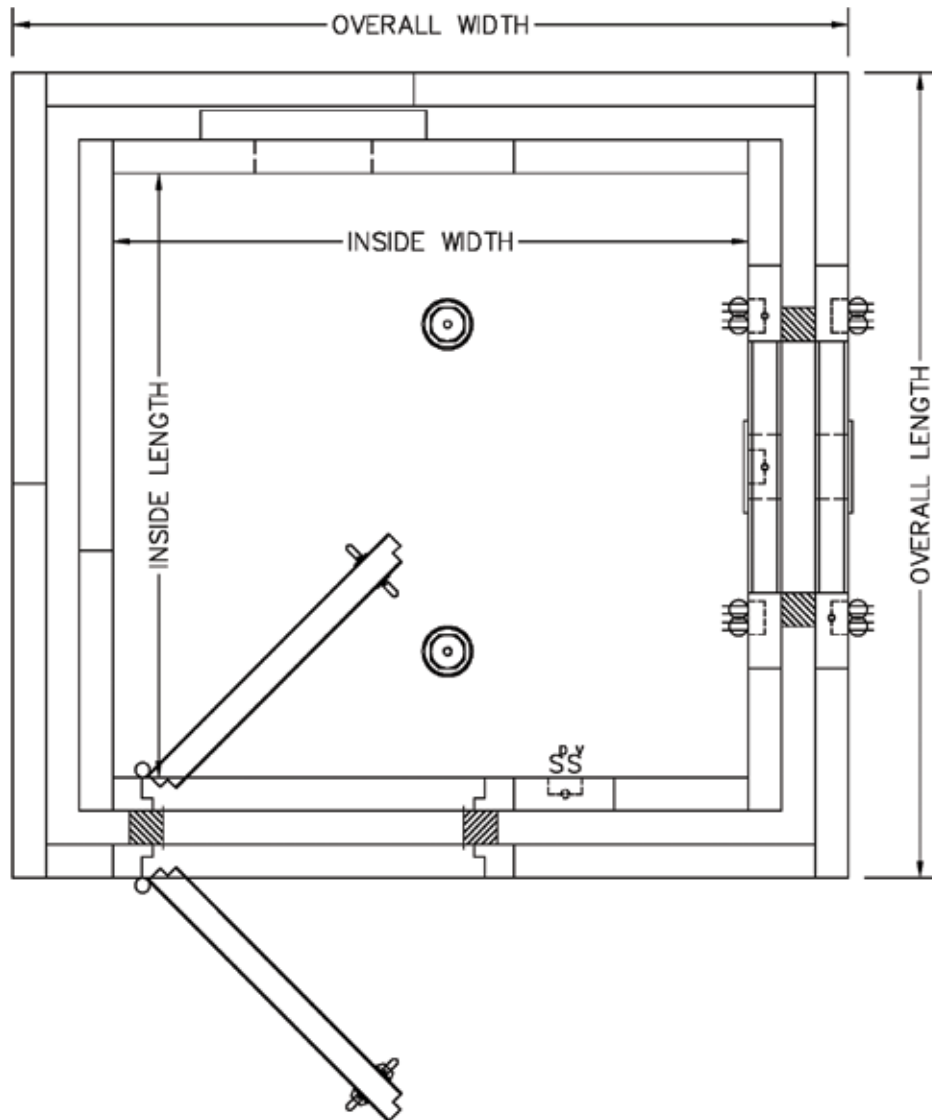
Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Enhanced with interior acoustic fabric-wrapped aesthetic trim panels.

³Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Interior Dimensions (W x L x H)	Exterior Dimensions ⁴ (W x L x H)	Weight
RE-241	122 cm x 102 cm x 198 cm 4' 0" x 3' 4" x 6' 6"	183 cm x 163 cm x 241 cm 6' 0" x 5' 4" x 7' 11"	1,814 kg 4,000 lb
RE-242	193 cm x 183 cm x 198 cm 6' 4" x 6' 0" x 6' 6"	254 cm x 244 cm x 269 cm 8' 4" x 8' 0" x 8' 10"	3,289 kg 7,250 lb
RE-243	224 cm x 213 cm x 198 cm 7' 4" x 7' 0" x 6' 6"	284 cm x 274 cm x 269 cm 9' 4" x 9' 0" x 8' 10"	3,742 kg 8,250 lb
RE-244	274 cm x 254 cm x 198 cm 9' 0" x 8' 4" x 6' 6"	335 cm x 315 cm x 269 cm 11' 0" x 10' 4" x 8' 10"	4,636 kg 10,220 lb
RE-245	305 cm x 284 cm x 198 cm 10' 0" x 9' 4" x 6' 6"	366 cm x 345 cm x 269 cm 12' 0" x 11' 4" x 8' 10"	5,389 kg 11,880 lb
RE-246	193 cm x 122 cm x 198 cm 6' 4" x 4' 0" x 6' 6"	254 cm x 183 cm x 269 cm 8' 4" x 6' 0" x 8' 10"	2,495 kg 5,500 lb
RE-247	244 cm x 157 cm x 198 cm 8' 0" x 5' 2" x 6' 6"	305 cm x 218 cm x 269 cm 10' 0" x 7' 2" x 8' 10"	3,447 kg 7,600 lb
RE-248	305 cm x 244 cm x 198 cm 10' 0" x 8' 0" x 6' 6"	366 cm x 305 cm x 269 cm 12' 0" x 10' 0" x 8' 10"	4,844 kg 10,680 lb

⁴Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls with the exception of Model RE-241 which requires 18 cm (7") of clearance on back side to accommodate wall mounted ventilation system.

SINGLE WALL CONTROL, SINGLE WALL EXAM SUITE

RS-142, RS-142L, RS-143, RS-144,
RS-145, RS-146, RS-147, RS-148

FEATURES:

- Single/Single Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System in Both Control and Exam Rooms
- Ceiling Mounted LED Illumination System
- Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door (Window Optional)
 - Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Single Wall Control, Single Wall Exam Suites are constructed with our premium AS-A504 10 cm (4") thick wall panels, which provide impressive isolation. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

These suites offer the choice of either a standard model package or a built-to-order design to meet special requirements. Please contact ETS-Lindgren for further information and product availability.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Single Wall (dB)	24	32	42	49	55	57	55	44
Single Wall Enhanced ² (dB)	26	32	43	50	57	59	58	46

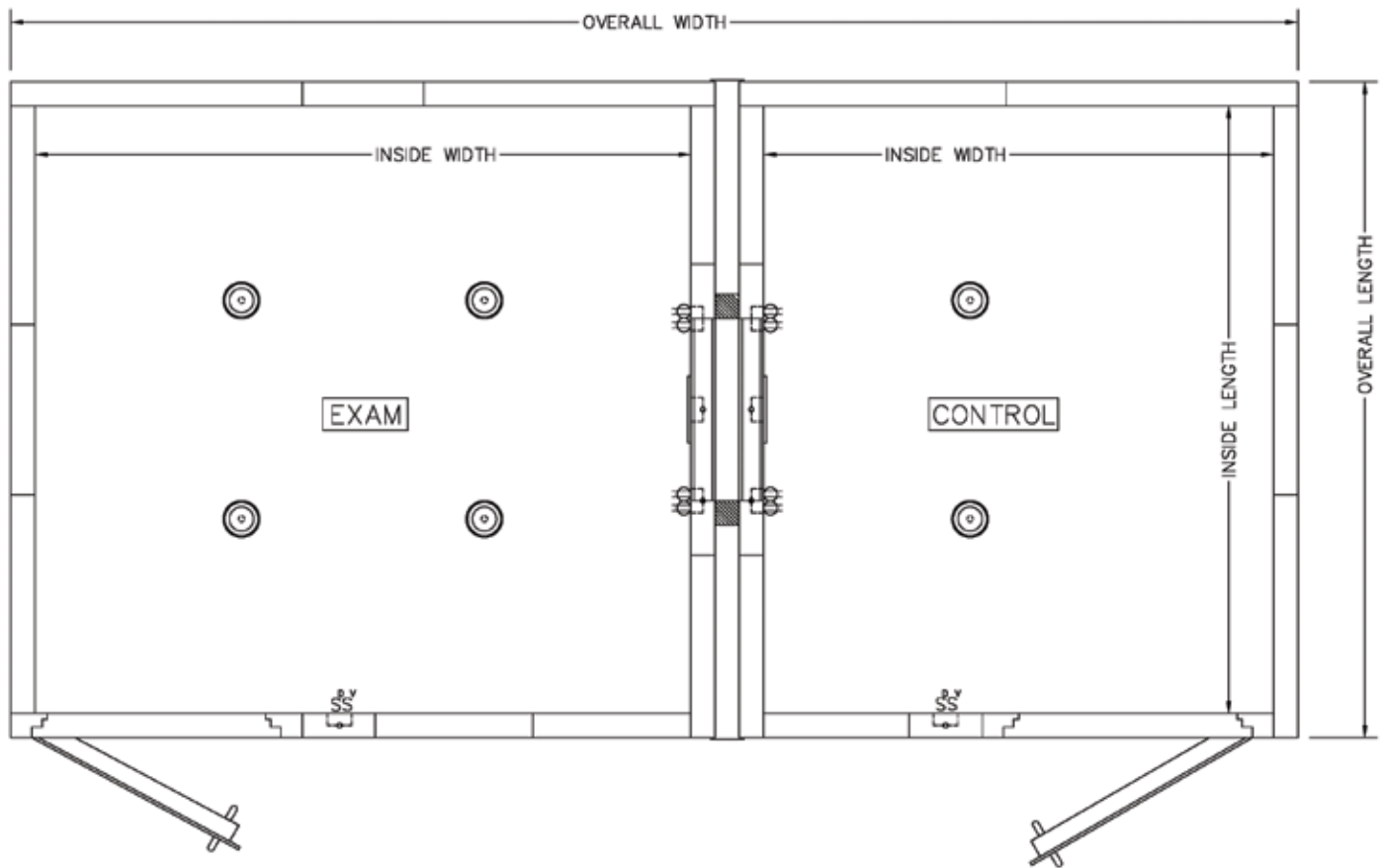
Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Enhanced with interior acoustic fabric-wrapped wall treatment panels.

³Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Control Interior Dimensions (W x L x H)	Exam Interior Dimensions (W x L x H)	Exterior Dimensions ⁴ (W x L x H)	Weight
RS-142	122 cm x 193 cm x 198 cm	183 cm x 193 cm x 198 cm	356 cm x 213 cm x 248 cm	2,896 kg
	4' 0" x 6' 4" x 6' 6"	6' 0" x 6' 4" x 6' 6"	11' 8" x 7' 0" x 8' 1 5/8"	6,385 lb
RS-142L	152 cm x 193 cm x 198 cm	183 cm x 193 cm x 198 cm	386 cm x 213 cm x 248 cm	2,989 kg
	5' 0" x 6' 4" x 6' 6"	6' 0" x 6' 4" x 6' 6"	12' 8" x 7' 0" x 8' 1 5/8"	6,590 lb
RS-143	163 cm x 213 cm x 198 cm	224 cm x 213 cm x 198 cm	437 cm x 234 cm x 248 cm	3,592 kg
	5' 4" x 7' 0" x 6' 6"	7' 4" x 7' 0" x 6' 6"	14' 4" x 7' 8" x 8' 1 5/8"	7,920 lb
RS-144	213 cm x 254 cm x 198 cm	274 cm x 254 cm x 198 cm	538 cm x 274 cm x 248 cm	4,763 kg
	7' 0" x 8' 4" x 6' 6"	9' 0" x 8' 4" x 6' 6"	17' 8" x 9' 0" x 8' 1 5/8"	10,500 lb
RS-145	244 cm x 284 cm x 198 cm	305 cm x 284 cm x 198 cm	599 cm x 305 cm x 248 cm	5,416 kg
	8' 0" x 9' 4" x 6' 6"	10' 0" x 9' 4" x 6' 6"	19' 8" x 10' 0" x 8' 1 5/8"	11,940 lb
RS-146	122 cm x 193 cm x 198 cm	122 cm x 193 cm x 198 cm	295 cm x 213 cm x 248 cm	2,368 kg
	4' 0" x 6' 4" x 6' 6"	4' 0" x 6' 4" x 6' 6"	9' 8" x 7' 0" x 8' 1 5/8"	5,220 lb
RS-147	157 cm x 244 cm x 198 cm	157 cm x 244 cm x 198 cm	366 cm x 264 cm x 248 cm	3,216 kg
	5' 2" x 8' 0" x 6' 6"	5' 2" x 8' 0" x 6' 6"	12' 0" x 8' 8" x 8' 1 5/8"	7,090 lb
RS-148	157 cm x 244 cm x 198 cm	305 cm x 244 cm x 198 cm	513 cm x 264 cm x 248 cm	4,663 kg
	5' 2" x 8' 0" x 6' 6"	10' 0" x 8' 0" x 6' 6"	16' 10" x 8' 8" x 8' 1 5/8"	10,280 lb

⁴Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

SINGLE WALL CONTROL, DOUBLE WALL EXAM SUITE

RS-252, RS-253, RS-254, RS-255, RS-256, RS-257, RS-258

FEATURES:

- Single/Double Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System in Both Control and Exam Rooms
- Ceiling Mounted LED Illumination System
- Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door (Window Optional)
 - Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Single Wall Control, Double Wall Exam Suites are constructed with our premium AS-A504 10 cm (4") thick wall panels, which provide impressive isolation. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

These suites offer the choice of either a standard model package or a built-to-order design to meet special requirements. Please contact ETS-Lindgren for further information and product availability.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NIC
Single Wall (dB)	24	32	42	49	55	57	55
Single Wall Enhanced ² (dB)	26	32	43	50	57	59	58
Double Wall (dB)	44	60	79	84	89	91	84
Double Wall Enhanced ² (dB)	47	62	79	84	90	92	83

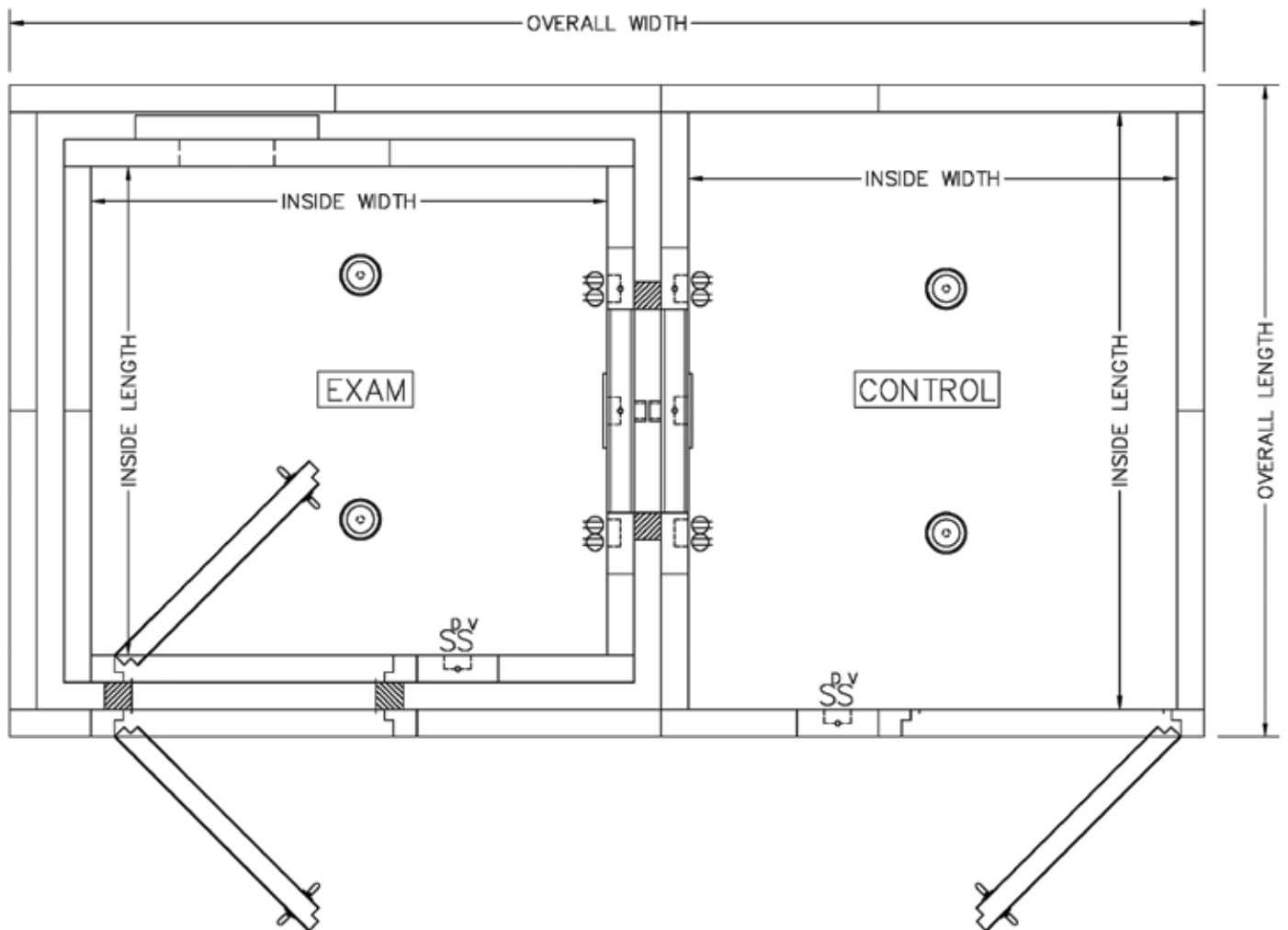
	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹ Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

² Enhanced with interior acoustic fabric-wrapped wall treatment panels.

³ Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Control Interior Dimensions (W x L x H)	Exam Interior Dimensions (W x L x H)	Exterior Dimensions ⁴ (W x L x H)	Weight
RS-252	183 cm x 224 cm x 218 cm 6' 0" x 7' 4" x 7' 2"	193 cm x 183 cm x 198 cm 6' 4" x 6' 0" x 6' 6"	447 cm x 244 cm x 269 cm 14' 8" x 8' 0" x 8' 10"	4,695 kg 10,350 lb
RS-253	213 cm x 254 cm x 218 cm 7' 0" x 8' 4" x 7' 2"	224 cm x 213 cm x 198 cm 7' 4" x 7' 0" x 6' 6"	508 cm x 274 cm x 269 cm 16' 8" x 9' 0" x 8' 10"	4,695 kg 13,500 lb
RS-254	234 cm x 295 cm x 218 cm 7' 8" x 9' 8" x 7' 2"	274 cm x 254 cm x 198 cm 9' 0" x 8' 4" x 6' 6"	579 cm x 315 cm x 269 cm 19' 0" x 10' 4" x 8' 10"	6,505 kg 14,340 lb
RS-255	264 cm x 325 cm x 218 cm 8' 8" x 10' 8" x 7' 2"	305 cm x 284 cm x 198 cm 10' 0" x 9' 4" x 6' 6"	640 cm x 345 cm x 269 cm 21' 0" x 11' 4" x 8' 10"	7,865 kg 17,340 lb
RS-256	122 cm x 234 cm x 218 cm 4' 0" x 7' 8" x 7' 2"	122 cm x 193 cm x 198 cm 4' 0" x 6' 4" x 6' 6"	315 cm x 254 cm x 269 cm 10' 4" x 8' 4" x 8' 10"	3,924 kg 8,650 lb
RS-257	173 cm x 284 cm x 218 cm 5' 8" x 9' 4" x 7' 2"	157 cm x 244 cm x 198 cm 5' 2" x 8' 0" x 6' 6"	401 cm x 305 cm x 269 cm 13' 2" x 10' 0" x 8' 10"	4,808 kg 10,600 lb
RS-258	173 cm x 345 cm x 218 cm 5' 8" x 11' 4" x 7' 2"	244 cm x 305 cm x 198 cm 8' 0" x 10' 0" x 6' 6"	488 cm x 366 cm x 269 cm 16' 0" x 12' 0" x 8' 10"	6,759 kg 14,900 lb

⁴Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

DOUBLE WALL CONTROL, DOUBLE WALL EXAM SUITE

RS-242, RS-242L, RS-243, RS-244 RS-245, RS-246, RS-247, RS-248

FEATURES:

- Double/Double Wall Design
- Pre-wired Jack Panel with Cable Pass-thru
- Low-profile, 12 cm (4 3/4") Isolated Floor System in Both Control and Exam Rooms
- Ceiling Mounted LED Illumination System
- Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Patient Viewing Window
- SoundSecure Acoustic Door (Window Optional)
 - Carpeting with Cove Base Trim
- Hospital-grade Recessed Electrical Devices

Double Wall Control, Double Wall Exam Suites are constructed with our premium AS-A504 10 cm (4") thick wall panels, which provide impressive isolation. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

These suites offer the choice of either a standard model package or a built-to-order design to meet special requirements. Please contact ETS-Lindgren for further information and product availability.

Acoustic Performance

Noise Reduction ¹	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NIC
Double Wall (dB)	44	60	79	84	89	91	84
Double Wall Enhanced ² (dB)	47	62	79	84	90	92	83

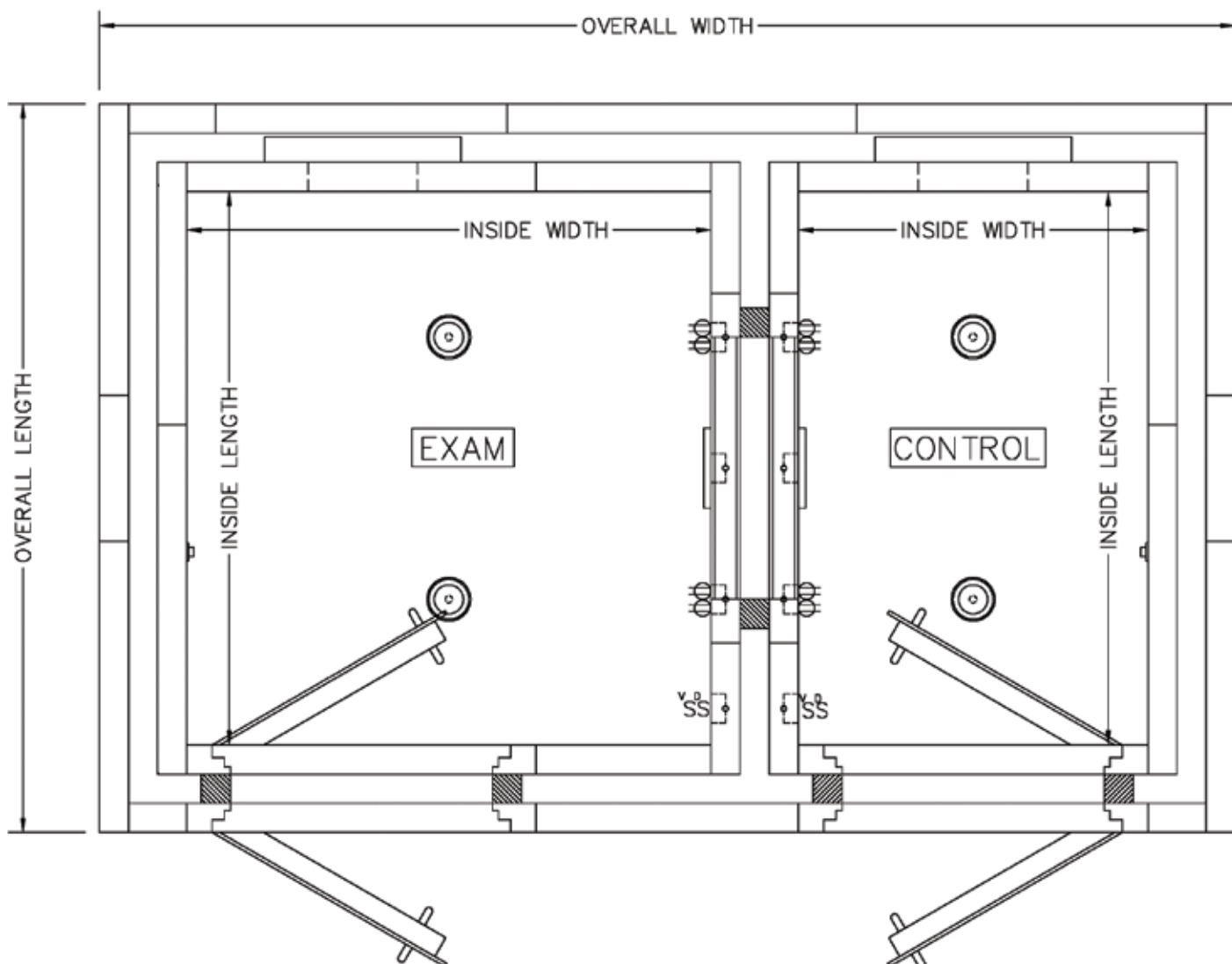
Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Absorption Coefficient	.08	1.08	1.10	1.02	1.04	1.00	1.05

¹Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

²Enhanced with interior acoustic fabric-wrapped wall treatment panels.

³Sound absorption coefficients measured in accordance with ASTM C423-84a.





Specifications

Model	Control Interior Dimensions (W x L x H)	Exam Interior Dimensions (W x L x H)	Exterior Dimensions ⁴ (W x L x H)	Weight
RS-242	122 cm x 193 cm x 198 cm 4' 0" x 6' 4" x 6' 6"	183 cm x 193 cm x 198 cm 6' 0" x 6' 4" x 6' 6"	396 cm x 254 cm x 269 cm 13' 0" x 8' 4" x 8' 10"	5,488 kg 12,100 lb
RS-242L	152 cm x 193 cm x 198 cm 5' 0" x 6' 4" x 6' 6"	183 cm x 193 cm x 198 cm 6' 0" x 6' 4" x 6' 6"	427 cm x 254 cm x 269 cm 14' 0" x 8' 4" x 8' 10"	5,488 kg 12,480 lb
RS-243	163 cm x 213 cm x 198 cm 5' 4" x 7' 0" x 6' 6"	224 cm x 213 cm x 198 cm 7' 4" x 7' 0" x 6' 6"	478 cm x 274 cm x 269 cm 15' 8" x 9' 0" x 8' 10"	6,332 kg 13,960 lb
RS-244	217 cm x 254 cm x 198 cm 7' 0" x 8' 4" x 6' 6"	274 cm x 254 cm x 198 cm 9' 0" x 8' 4" x 6' 6"	579 cm x 315 cm x 269 cm 19' 0" x 10' 4" x 8' 10"	7,956 kg 17,540 lb
RS-245	244 cm x 284 cm x 198 cm 8' 0" x 9' 4" x 6' 6"	305 cm x 284 cm x 198 cm 10' 0" x 9' 4" x 6' 6"	640 cm x 345 cm x 269 cm 21' 0" x 11' 4" x 8' 10"	9,008 kg 19,860 lb
RS-246	152 cm x 157 cm x 198 cm 5' 0" x 5' 2" x 6' 6"	244 cm x 157 cm x 198 cm 8' 0" x 5' 2" x 6' 6"	488 cm x 218 cm x 269 cm 16' 0" x 7' 2" x 8' 10"	5,661 kg 12,480 lb
RS-247	157 cm x 244 cm x 198 cm 5' 2" x 8' 0" x 6' 6"	157 cm x 244 cm x 198 cm 5' 2" x 8' 0" x 6' 6"	406 cm x 218 cm x 269 cm 13' 4" x 7' 2" x 8' 10"	5,752 kg 12,680 lb
RS-248	157 cm x 244 cm x 198 cm 5' 2" x 8' 0" x 6' 6"	305 cm x 244 cm x 198 cm 10' 0" x 8' 0" x 6' 6"	554 cm x 305 cm x 269 cm 18' 2" x 10' 0" x 8' 10"	7,657 kg 16,880 lb

⁴Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

SINGLE WALL GROUP TEST BOOTH

RM-181, RM-182, RM-183, RM-184, RM-185

FEATURES:

- Single Wall Design
- Jack Panel at Each Test Position Includes Left and Right Earphones and Patient Response Switch Corresponding to Master Panel
- Optional Cable Pass-Through for PC Based Audiometer Systems
- Hook for Headphones and Response Button
- Low-profile, 12 cm (4 3/4") Isolated Floor System
 - Ceiling Mounted LED Illumination System
 - Acoustically Engineered Roof or Wall-mounted Ventilation
- SoundSecure Acoustic Door with Window
 - Carpeting with Cove Base Trim
- Divider Curtains and Padded Seats at Each Test Position

Single Wall Group Test Booths are capable of testing multiple individuals simultaneously. Single Wall Booths provide impressive isolation utilizing AS-A504 10 cm (4") wall panels. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

Acoustic Performance

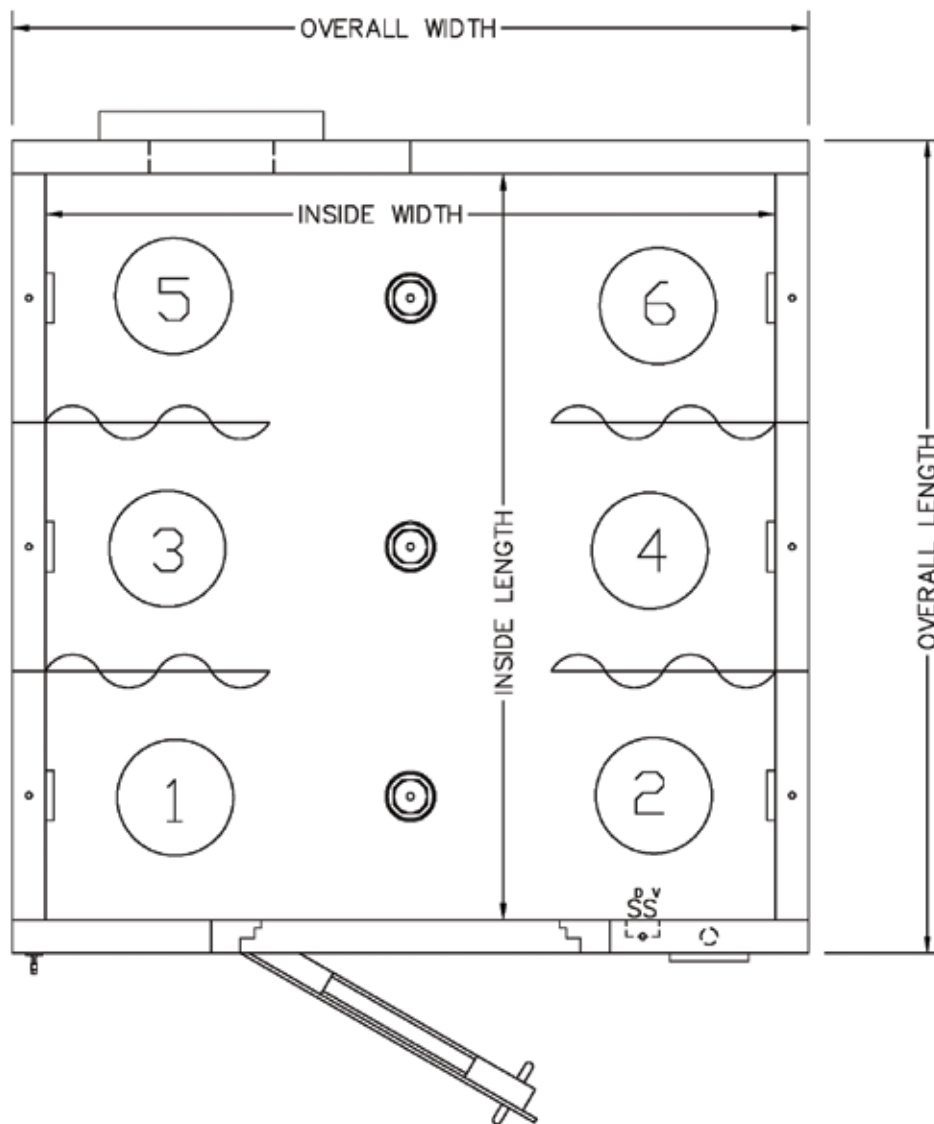
Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Single Wall (dB)	24	32	42	49	55	57	55	44

Max. Permissible Noise Levels from Ventilation²

	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
SPL (dB)	34.0	22.5	19.5	26.5	28.0	34.5	43.5

¹ Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

² Sound absorption coefficients measured in accordance with ASTM C423-84a.



Specifications

Model	Number of Test Positions	Interior Dimensions (W x L x H)	Exterior Dimensions ³ (W x L x H)	Weight
RM-181	2	224 cm x 76 cm x 198 cm 7' 4" x 2' 6" x 6' 6"	244 cm x 97 cm x 248 cm 8' 0" x 3' 2" x 8' 1 5/8"	1,338 kg 2,950 lb
RM-182	4	224 cm x 152 cm x 198 cm 7' 4" x 5' 0" x 6' 6"	244 cm x 173 cm x 248 cm 8' 0" x 5' 8" x 8' 1 5/8"	1,706 kg 3,760 lb
RM-183	6	224 cm x 229 cm x 198 cm 7' 4" x 7' 6" x 6' 6"	244 cm x 249 cm x 248 cm 8' 0" x 8' 2" x 8' 1 5/8"	2,105 kg 4,640 lb
RM-184	8	224 cm x 305 cm x 198 cm 7' 4" x 10' 0" x 6' 6"	244 cm x 325 cm x 248 cm 8' 0" x 10' 8" x 8' 1 5/8"	2,867 kg 6,320 lb
RM-185	10	224 cm x 381 cm x 198 cm 7' 4" x 12' 6" x 6' 6"	244 cm x 401 cm x 248 cm 8' 0" x 13' 2" x 8' 1 5/8"	3,139 kg 6,920 lb

³ Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

DOUBLE WALL GROUP TEST BOOTH

RM-281, RM-282, RM-283, RM-284, RM-285

FEATURES:

- Double Wall Design
- Jack Panel at Each Test Position Includes Left and Right Earphones and Patient Response Switch Corresponding to Master Panel
- Optional Cable Pass-Through for PC Based Audiometer Systems
- Hook for Headphones and Response Button
- Low-profile, 12 cm (4 3/4") Isolated Floor System
 - Ceiling Mounted LED Illumination System
 - Acoustically Engineered Roof or Wall-mounted Ventilation
 - SoundSecure Acoustic Tandem Out-swing Door System with Window
 - Carpeting with Cove Base Trim
- Divider Curtains and Padded Seats at Each Test Position

Double Wall Group Test Booths are capable of testing multiple individuals simultaneously. Double Wall Booths provide increased isolation when ambient conditions prohibit a single wall configuration to meet ANSI specifications. Double Wall Booths also provide additional acoustic control to isolate patients from waiting room noise. For installation convenience, the ventilation silencer can be mounted on either roof or wall, depending on space constraints.

Acoustic Performance

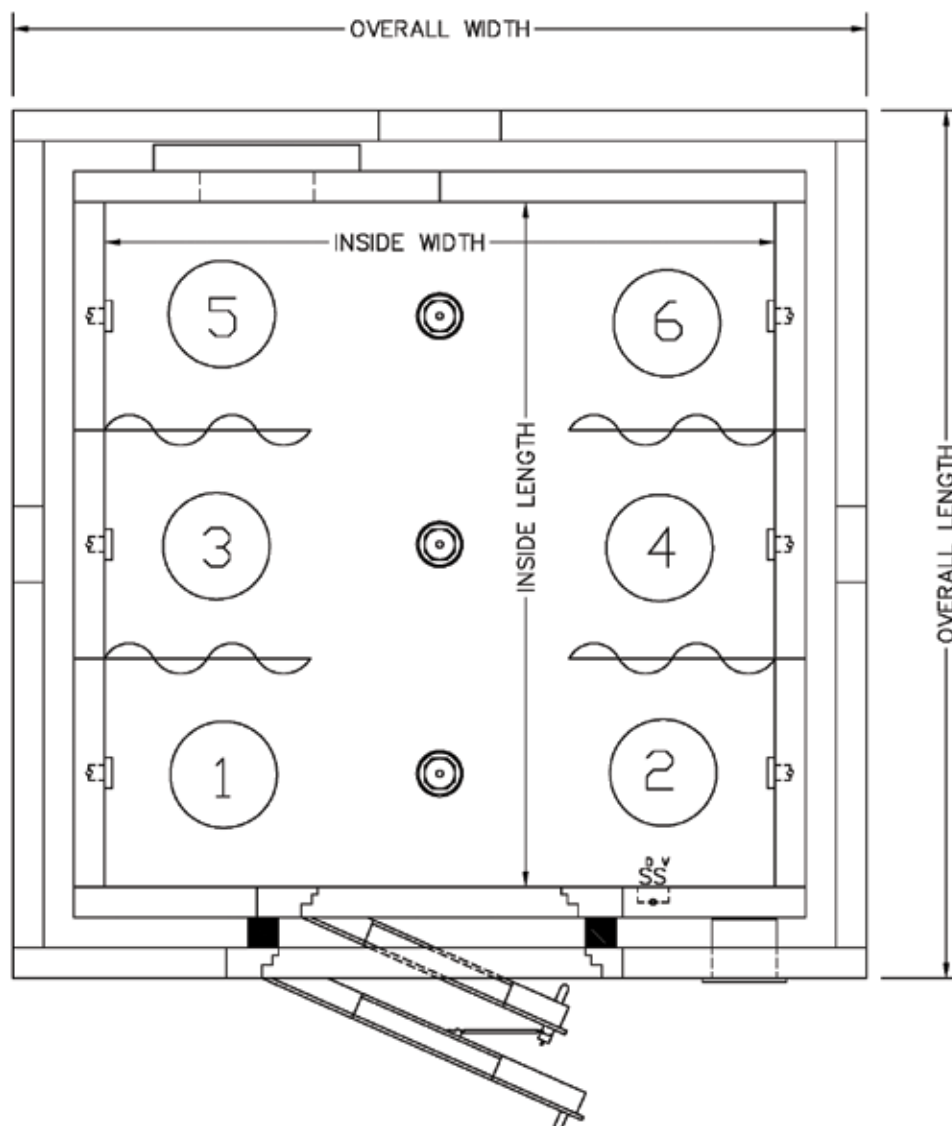
Noise Reduction ¹	Center Frequency (HZ)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	NIC
Double Wall (dB)	44	60	79	84	89	91	84	68

Max. Permissible Noise Levels from Ventilation²

	Center Frequency (HZ)						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
SPL (dB)	34.0	22.5	19.5	26.5	28.0	34.5	43.5

¹ Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596-96.

² Sound absorption coefficients measured in accordance with ASTM C423-84a.



Specifications

Model	Number of Test Positions	Interior Dimensions (W x L x H)	Exterior Dimensions ³ (W x L x H)	Weight
RM-281	2	224 cm x 76 cm x 198 cm 7' 4" x 2' 6" x 6' 6"	284 cm x 137 cm x 269 cm 9' 4" x 4' 6" x 8' 10"	1,946 kg 4,290 lb
RM-282	4	224 cm x 152 cm x 198 cm 7' 4" x 5' 0" x 6' 6"	284 cm x 213 cm x 269 cm 9' 4" x 7' 0" x 8' 10"	3,302 kg 7,280 lb
RM-283	6	224 cm x 229 cm x 198 cm 7' 4" x 7' 6" x 6' 6"	284 cm x 290 cm x 269 cm 9' 4" x 9' 6" x 8' 10"	3,910 kg 8,620 lb
RM-284	8	224 cm x 305 cm x 198 cm 7' 4" x 10' 0" x 6' 6"	284 cm x 366 cm x 269 cm 9' 4" x 12' 0" x 8' 10"	4,590 kg 10,120 lb
RM-285	10	224 cm x 381 cm x 198 cm 7' 4" x 12' 6" x 6' 6"	284 cm x 442 cm x 269 cm 9' 4" x 14' 6" x 8' 10"	5,443 kg 12,000 lb

³Exterior height includes roof-mounted ventilation system. Other options are available if host space cannot accommodate overall height. Please allow a minimum of 10 cm (4") clearance between booth and host walls.

ENGINEERING SERVICES

Often, the true measure of a partner is the quality, responsiveness and expertise of the services it provides – and the people who stand behind them. ETS-Lindgren leads the way in virtually every area of service and support. Our world-class services, coupled with our global and local provider network, means you are never alone with ETS-Lindgren. From consulting to custom designs, repair and maintenance to booth/suite relocation, we provide the services you need to guarantee optimum audiometric measurement results.



ENGINEERING SERVICES

CONSULTING SOLUTIONS

ETS-Lindgren is the expert in isolating acoustic energy. We work with your local systems integrator, architects, engineers, and you to produce the best acoustic solution possible. We partner with these professionals to promote project accuracy and seamless integration into the host facility, reducing the potential for costly delays.

CUSTOM PRODUCT DESIGNS

The ETS-Lindgren product line offers many diverse choices in sizes and feature packages; however, sometimes a custom solution is necessary. We have the experience and expertise to design and construct custom solutions that will meet the precise needs of your testing facility.

MAINTENANCE SERVICES

Periodic maintenance pays for itself in reduced downtime and unexpected expense. Our extensive network of local sales and service representatives are available to provide you with ongoing support for the life of your chamber.

BOOTH/SUITE RELOCATION

Whether you are moving a few hundred feet or hundreds of miles, our local network of sales and service experts provide relocation services customized to fit your needs.

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EXPERIENCES AND OUTCOMES**



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