The 40a Classic Series Single-Wall (individual room) construction is a single or multiple occupancy room constructed of 4” thick modular panels, complete with carpeted vibration isolated floor, space-saver roof mounted ventilation, recessed electrical, Noise-Lock® doors and double glazed windows, audiometric jack panels acoustically matched and shipped ready for field assembly.

- NIC 50
- NIC 53 with 1” Enhancement Package
Data Sheet
40a Classic Series Audiometric Booth

Total Estimated Design Weight:
See table on page 1

Panel Construction:
Noise-Lock® V (walls) and Noise-Lock® VI (ceiling)

Panel Size:
Maximum panel size to be determined by customer for adequate site access.

Interior Surfaces:
22ga. galvanized perforated steel

Exterior Surfaces:
14ga. cold rolled solid steel

Floor Interior Surface:
11ga. hot rolled steel

Finish:
Textured powder coated

Door:
(1) 2’-9” wide x 6’-1½” high clear opening cam-lift splitframe with push plate and pull handles
Note:
• Dimensions locating door are shown to the clear opening
• Noise-Lock® STC-51

Window:
(1) 2’-6” wide x 2’-10” high aluminum frame double glazed with ½” thick laminated safety glass (width reduced on smaller models)

Booth Vibration Isolation:
Vibration isolator rails to be provided below floor panels

Electrical:
• 120V recessed incandescent light fixture
• 120V toggle switch for fans and lights
• 120V duplex receptacle
Note:
• Customer to provide 110V, 60Hz, 20 amp power to roof mounted quad receptacle power cord
• All electrical is wired per 2002 national electric code
• Booth is factory UL certified and labeled
• (Lot) boxes, connectors, etc. as required for complete installation

Audiometric Jack Panel Comprised of:
• (12) Switchcraft three-wire phone-type jacks
• (2) USB ports
• (1) 2” ID passsthrough hole with cover

Booth Options:
Ventilation:
Integrated SpaceSaver exhaust/inlet air ceiling silencer panels and 120V, 60Hz, 14w fans or HVAC connection collars to connect to building system
Available Colors:
• Khaki Shade
• Polar Blue
• Limoge Cream
• Caledon
• First Star
• Pure White
• Kinetic Khaki
• Colony Blue
• Cinnamon Stick
• Jade Market
• Silver Plate
• Gray Primer

Floor Covering:
Nylon carpet, to match paint color selection with 3/8” thick underlayment and 2-1/2” H black cove base molding included

Site Requirements:
• Customer to provide a finished floor which is within +/- ¼” of level in 10 non-cumulative feet
• 2” minimum clearance is required between the exterior of testing booth and host facility walls/ceiling

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Ref#: 40a-170315-01
Accutone2 Series Audiometric Room Options

Doors:
- Noise-Lock® double-glazed windows in door
  - 12” x 12” View Port
  - 16” x 24” Side Light
  - 20” x 60” Full Glass
- Additional & oversized doors including double leaf
- Wood veneered door finishes
- Mortised type, lever handle, recessed key locks
- Door closers

Optional Equipment:
- One-way Noise-Lock® glass
- One-way Noise-Lock® glass on sliding rails
- RF & electromagnetic shielding
- Special jack-panels
- Pass throughs
- Fire rated outer walls and doors

Standard Enhancement Packages:
- Enhancement packages available with choice of fabric & liner colors
- Paneling & carpeting in 5 colors
- Absorptive & aesthetic fabric top paneling
- Space-enhancing chair-rail
- Edge-smoothing corner panels

Exterior Enhancement Packages:
- Exterior enhancement packages available with WoodTrends by Sound Seal
- Aesthetically pleasing finishes that show off the beauty of real wood
- Available in a variety of popular as well as exotic wood veneer species (additional veneer options available upon request)

Ref#: 40a-170315-01
**Data Sheet**

40a Classic Series Audiometric Booth

Enhanced Performance Audiometric Series

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**Room Noise Reduction**

- **40 Single Wall**: 14, 25, 37, 48, 55, 59, 60, 58, 50 dB
- **40 Single Wall w/ 1” Enhancement**: 20, 28, 41, 50, 58, 59, 61, 62, 53 dB
- **800 Single Wall w/ 4” Enhancement**: 15, 33, 49, 56, 65, 71, 74, 73, 60 dB
- **120 Double Wall**: 32, 47, 62, 83, 91, 99, 97, 91, 70 dB

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