The **120act Series Double-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 70 Control Room
- NIC 70 Test Room

Typical Plan
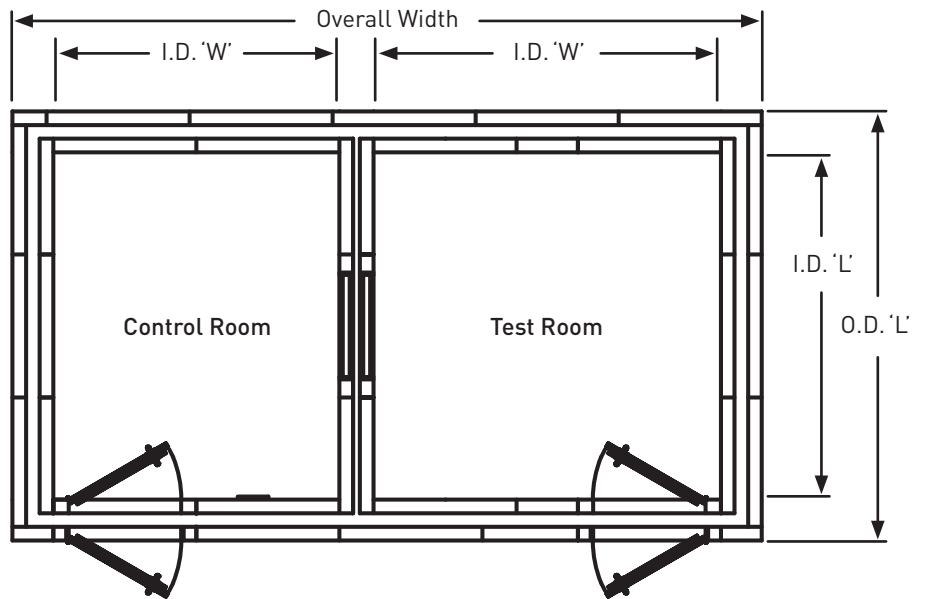
Model No.	Control Room Inside Dimensions ft-in x ft-in x ft-in					Test Room Outside Dimensions ft-in x ft-in x ft-in					Overall Outside Dimensions ft-in x ft-in x ft-in					Weight (lbs)
	L	x	W	x	H	L	x	W	x	H	L	x	W	x	H	
120act-1	6-2	x	6-2	x	6-6	6-2	x	6-2	x	6-6	15-8	x	8-2	x	8-1	8504
120act-2	6-6	x	7-0	x	6-6	7-0	x	7-0	x	6-6	16-6	x	9-0	x	8-1	9494
120act-3	6-10	x	8-6	x	6-6	8-6	x	8-6	x	6-6	18-4	x	10-6	x	8-1	11536
120act-4	8-0	x	9-10	x	6-6	9-4	x	9-10	x	6-6	20-4	x	11-10	x	8-1	13667

AccuTone2
ANY SIZE • ANY SHAPE • ANY COLOR

Total Estimated Design Weight:

See table on page 1

Panel Construction:

Noise-Lock® V (interior walls), Noise-Lock® IV (exterior walls), Noise-Lock® VI (interior ceiling) and Noise-Lock® IV (exterior ceiling), test and control rooms

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:

(4) 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 inswing / outswing or double outswing
• Dust seal to be provided within air space around doors and windows. Sill angle to be provided between doors

Window:

(2) 2′-6″ wide x 2′-10″ high aluminum frame double-glazed with ¼″ thick laminated safety glass (width reduced on smaller models)

Suite Vibration Isolation:

Vibration isolator rails to be provided below floor panels

Electrical:

• 120V recessed LED 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 passthrough hole with cover

Suite 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
• Celedon
• 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

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
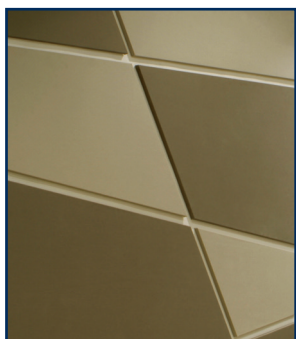
Exterior Enhancement Packages:

- 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)

Elm

Cherry

Oak

Ash

Walnut

Bird's Eye Maple
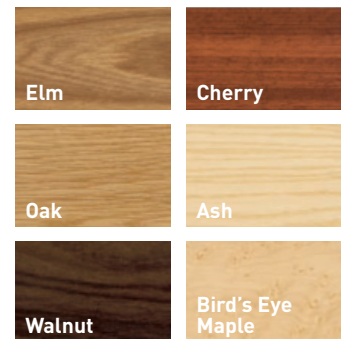
ACCUTONE 2 Enhanced Performance Audiometric Series

Room Noise Reduction
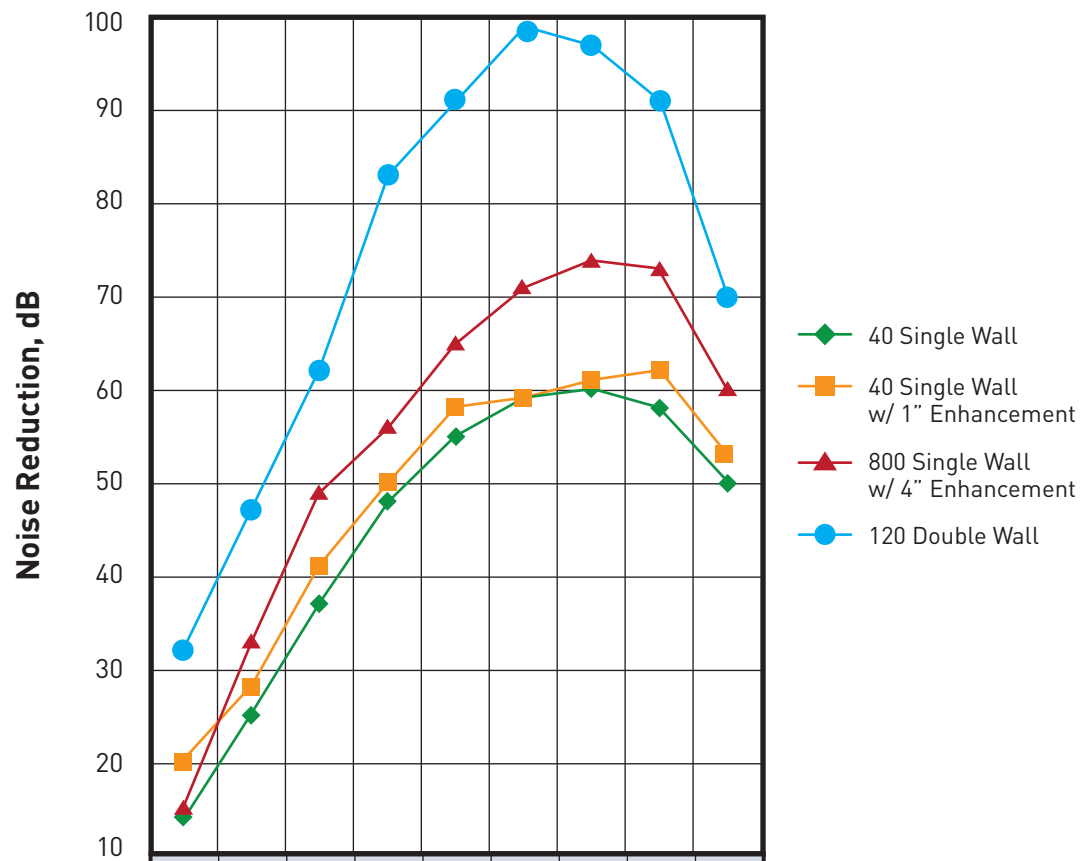
	63	125	250	500	1K	2K	4K	8K	NIC
40 Single Wall	14	25	37	48	55	59	60	58	50
40 Single Wall w/ 1" Enhancement	20	28	41	50	58	59	61	62	53
800 Single Wall w/ 4" Enhancement	15	33	49	56	65	71	74	73	60
120 Double Wall	32	47	62	83	91	99	97	91	70

Octave Band Center Frequency, Hz

Legend: 40 Single Wall; 40 Single Wall w/ 1" Enhancement; 800 Single Wall w/ 4" Enhancement; 120 Double Wall