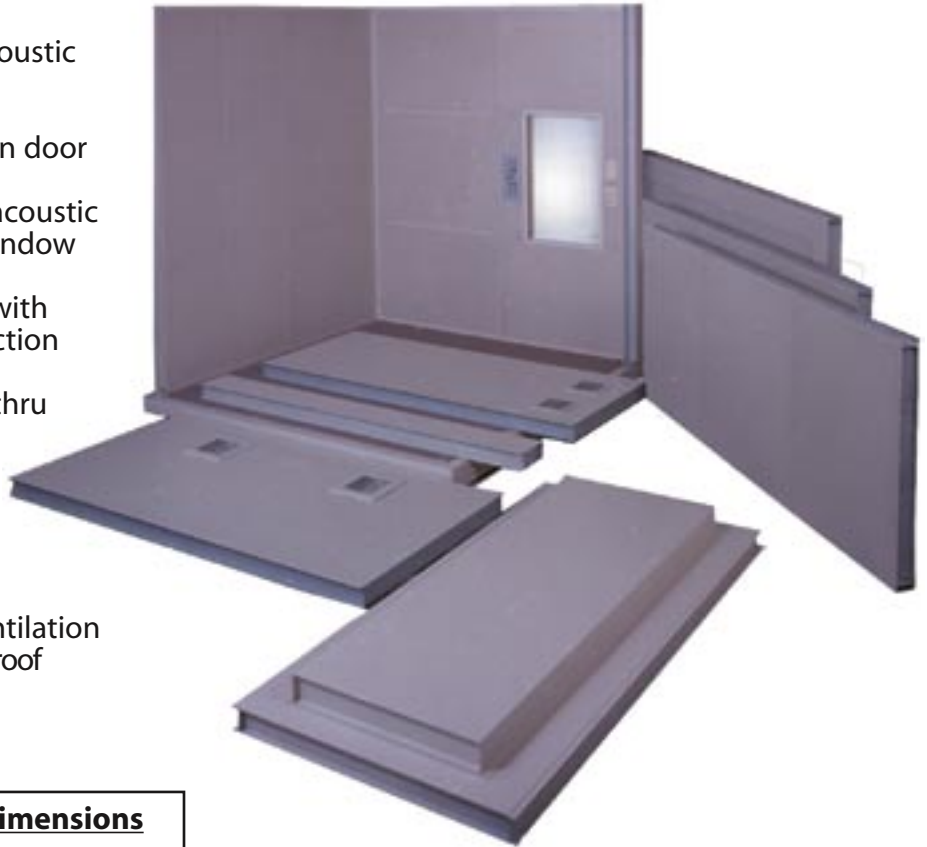


## Multi-Configurable (MC) Audiometric Test Booths

### FEATURES

- Sealed 32" clear opening acoustic door with camlift hinges
- Includes 20" x 60" window in door
- Double glazed, laminated, acoustic safety glass, 24"w x 30"h window
- Recessed electrical service with 12' grounded power connection
- Jack panel with cable pass-thru
- Incandescent lighting with wall-mounted switch
- UL Classified Power Panel
- Acoustically engineered ventilation externally mounted on wall or roof



### MODELS:

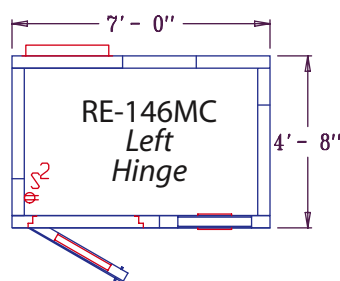
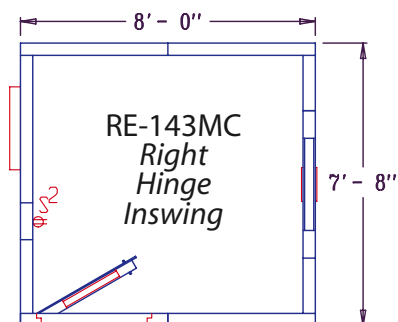
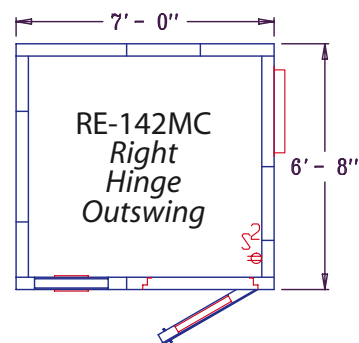
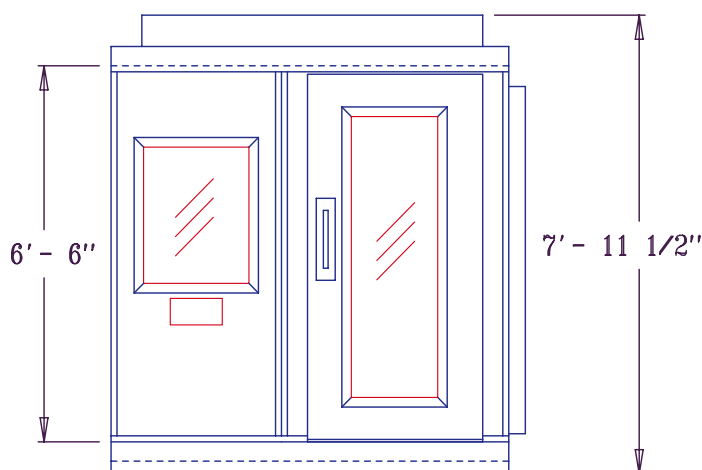
	<b><u>Inside Dimensions</u></b>
RE-146MC	6'4"W x 4'0"L x 6'6"H
RE-142MC	6'4"W x 6'0"L x 6'6"H
RE-143MC	7'4"W x 7'0"L x 6'6"H

Maintained in inventory for responsive delivery, the MC series audiometric test booths are made of interchangeable panels to allow 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. Ventilation silencer can be mounted on either roof or wall depending on space constraints.

The Multi-Configurable booths are constructed with our standard, Type 2, four-inch thick wall panels and provide impressive isolation, as well as several other features which are considered optional by other manufacturers.

*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. Factory trained sales and service representatives will help you plan your project. Acoustic Systems maintains a NVLAP accredited laboratory (NVLAP Lab Code 100286-0) for constant product research and performance assurance.*

# Multi-Configurable (MC) Audiometric Test Booths



*\*Other panel configurations are available.  
Call factory for specific layout information.*

*When ordering please indicate model number and door swing.*

Model	Dimensions		Features		
	Inside (WxLxH)	Outside (WxLxH)	Outlets	Lights	Weight
RE-146MC	6'4" x 4'0" x 6'6"	7'0" x 4'8" x 7'5"	1	2	3050
RE-142MC	6'4" x 6'0" x 6'6"	7'0" x 6'8" x 7'5"	1	2	3850
RE-143MC	7'4" x 7'0" x 6'6"	8'0" x 7'8" x 7'5"	1	2	4350

Add 6.5" to either width or height for active silencers, 3.5 for passive silencers

## 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
	27	37	44	53	58	60	62

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

### Maximum Permissible Noise Levels from Ventilation Systems

Center Frequency Hz	125	250	500	1000	2000	4000	8000
SPL dB	28.0	18.5	14.5	14.0	8.5	9.0	20.5

Acoustic Systems warrants the maximum octave band noise level shall not exceed ANSI S3.1 ears uncovered levels for a test frequency range of 125 Hz to 8000 Hz provided the booth has been selected appropriately with consideration to the noise and vibration levels of the host environment.