



Multi-Configurable (MC) Exam Booths



Acoustic Systems manufactures modular acoustic enclosures for a wide variety of environments, including private practice, clinics, hospitals, and research facilities. The enclosures are offered with different levels of acoustic performance, variations in floor plans and numerous appearance options.

Acoustic Systems maintains an onsite NVLAP accredited laboratory and conducts constant product research and performance assurance.

Product Details:

Maintained in inventory for responsive delivery, the MC series exam booths are made of interchangeable panels to allow on-site configuration and layout flexibility. The rooms 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.

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.



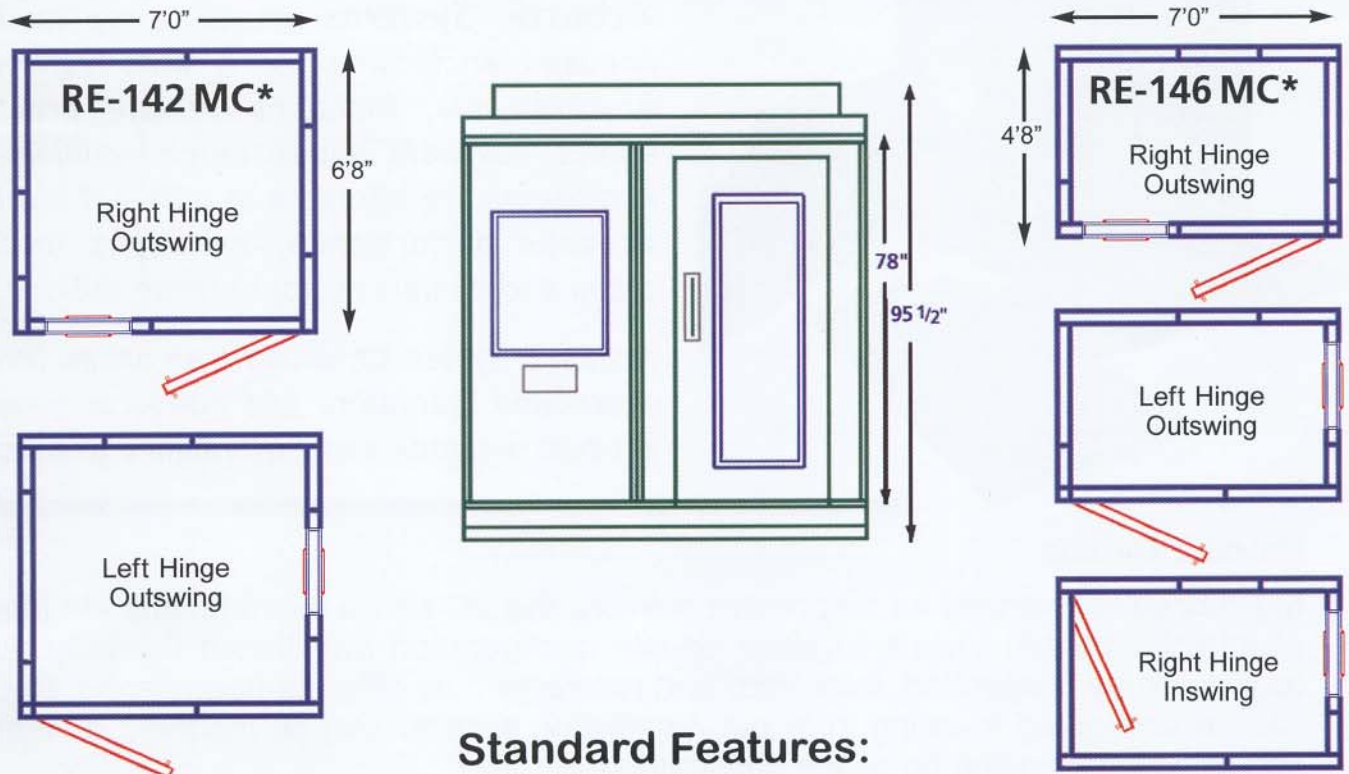
ACOUSTIC SYSTEMS

The science of silence

PO Box 3610 • Austin, TX 78764
800-749-1460 • 512-444-1961 • FAX: 512-444-2282
www.acousticsystems.com • info@acousticsystems.com



Multi-Configurable (MC) Exam Booths



Standard Features:

- Sealed 32" clear opening acoustic door with camlift hinges
- Includes 20" x 60" window in door
- Window, double glazed, laminated, 24"w x 30"h safety glass
- Recessed electrical service with 12' power connections
- Clinical jack panel and cable pass-thru
- Incandescent lighting with wall-mounted switch
- Acoustically engineered ventilation externally mounted on wall or roof

Indicate model, and door hinge and swing at time of order placement

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

Statistics

Model	Dimensions		Features			
	Inside (WxLxH)	Outside (WxLxH)	Ventilation	Lights	Outlets	Weight
RE-142MC	6'4" x 6'0" x 6'6"	7'0" x 6'8" x 7'5"	200 CFM	2	1	3850
RE-146MC	6'4" x 4'0" x 6'6"	7'0" x 4'8" x 7'5"	200 CFM	2	1	3050

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

ACOUSTIC SYSTEMS
The science of silence

Modular Sound Isolation
www.acousticsystems.com
info@acousticsystems.com
1-800-749-1460