

# QuietMod

## Pre-engineered Modular Panel System

Modular Solutions to Noise Problems

- Machinery Enclosures
- Test Cells
- Printing Plant Quiet Rooms
- Barrier Walls
- Quality Control Test Areas
- Thermal Spray Rooms
- Coordinate Measuring Machine Rooms
- Process Enclosures
- Factory Offices
- Control Rooms
- Power Plant Offices
- Guard Houses
- Quiet Rooms-Single or Double Wall
- HVAC Plenums
- Blower Enclosures
- Compressor Enclosures
- Recording Studios
- Broadcasting Facilities
- Educational Study Centers
- Music Practice Rooms
- Voice Isolation Booths
- Audiometric Test Rooms
- Hearing or Speech Test Centers



Noise Barriers “**QuietMod**” pre-engineered panel system includes wall and ceiling panels, doors, windows and silenced ventilation systems. Isolated floors, access panels, removable wall and ceiling panels are also available when necessary. All material are acoustically rated by independent testing laboratories to ensure the appropriate noise reduction for every application.





**Noise Barriers, LLC** has 40 years experience in sound control engineering and installation. We believe our job isn't to sell hardware but to design solutions to your noise problems. We offer outstanding quality products and our specialty is pleasing the most demanding customers with our price and service. When you have a noise control problem, think of Noise Barriers, LLC.



## The QuietMod Advantage

### The Noise Barrier modular system:



- Guaranteed acoustical performance (single source responsibility)
- Easy and quick to install, move or reconfigure
- Standard components-custom solutions
- No construction mess
- Tax benefits

Noise Barriers' technical support personnel and representatives have the experience necessary to assist you in the design, supply and installation of your noise control solution.

Submittal packages include drawings and easy to follow, step-by-step instructions to allow your personnel to install any modular system. We can also offer professional installation service or supervision of your crew.



## Features

- **Flexibility:**

- Unlimited size, design and features
- Multiple panel types to meet your specific requirements
- Interior or exterior use
- Electric posts available for outlets and switches

- **Accessibility:**

- Single leaf and double leaf doors
- Sliding doors, pocket doors and bi-fold doors available
- Hinged and removable access plugs
- Removable panels
- Single glazed or double glazed windows

- **Modular System:**

- Can be used as a barrier wall
- Can be used as a two- or three-sided enclosure tied into existing building walls
- Can be used as a four-sided enclosure
- All design configurations available with or without roof
- System flexibility permits angles walls
- Isolated floors are available
- Silenced ventilation systems are designed to meet your specific requirements
- Enclosures can be relocated or reconfigured at a later date
- Pre-engineered modular system "kit" includes all components necessary to complete your noise control solution
- All materials are non-combustible
- Panels and connectors are constructed of A60 "paint-ready" Galvanneal steel
- G90 spangled galvanized construction is available
- Prime painting or finish polyester powder coat paint available in a wide selection of colors

## Acoustical Performance Data

Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
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### Sound Transmission Loss Data dB

#### QuietMod Panels:

H/P 38 2" thick	24	25	33	43	50	55	38
H/P 42 4" thick	23	31	40	49	56	62	42
H/P 44 4" thick	27	34	41	46	43	59	44
H/P 50 4" thick	29	37	48	56	57	54	50
H/H 50 4" thick	26	44	50	54	57	64	50
H/H 52 4" thick	37	43	47	53	54	57	52
H/H 54 4" thick	40	46	51	55	58	62	54
H/H 59 10" thick	43	45	56	66	67	77	59

All tests performed by Riverbank Acoustical Laboratories, an independent NV LAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-99 or E90-02 and E413-87.

Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	NRC
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### Sound Absorption Coefficients

#### QuietMod Panels:

H/P 38 2" thick	0.26	0.53	1.00	1.03	0.97	1.02	0.90
H/P 42 4" thick	0.68	1.06	1.12	1.08	1.03	0.98	0.95 (1.05)
H/P 44 4" thick	0.45	0.96	1.15	1.10	1.05	0.97	1.05

All tests performed by Riverbank Acoustical Laboratories, an independent NV LAP accredited acoustical testing facility. The test method conforms with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Methods: ASTM C423-90a and E795-00.



Please contact us for specific product specifications and descriptions. CAD drawings  
And configurations to meet special requirements are available upon request.



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