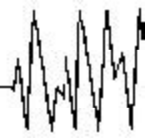


# Sound Barriers, Inc.



## Custom-Engineered Noise Control Enclosures

Rigid metal noise control enclosures, as manufactured by **Sound Barriers, Inc.**, incorporate an 18 GA solid exterior skin with an 18 GA interior perforated skin, with a 4 lb/cu. ft. density acoustic fill core. Enclosures are designed to both contain and absorb noise, and to act as a barrier between noisy and quiet areas.



Rooftop Compressor Enclosure



### Benefits:

- 9 **Durable**
- 9 **High Performance** - Sound Transmission Class (STC) up to 41.
- 9 **Custom Design** for your specific application.
- 9 **Fire Safe**
- 9 **Specialty Features** - Clearview windows used to view machinery in operation, roof systems, vents, louvers, gasket seal doors, access panels.
- 9 **Cleanable**
- 9 **Outdoor & High Temp** models available.



Rigid enclosure used in conjunction with wall absorbers

Sound Designs.

Sound Products.

**SOUND SOLUTIONS.**

# TYPICAL PERFORMANCE SPECIFICATIONS FOR PANELS

## NOISE ABSORPTION

Frequency (Hertz)	125	250	500	1000	2000	4000	NRC
2" Panel	0.26	0.68	1.12	1.10	1.03	1.04	1.00
4" Panel	1.03	1.07	1.12	1.04	1.07	1.08	1.10

## SOUND TRANSMISSION LOSS

Frequency (Hertz)	125	250	500	1000	2000	4000	STC
2" Panel	20	22	32	42	50	57	35
4" Panel	22	26	40	50	50	57	41

**Metal Thickness:** 18 GA Solid Skin, 18 GA Perforated Skin, 18 GA Panel Channels

**Acoustic Fill:** 4 Lb/Cu Ft Density



Inspection booth on casters

### Acoustical Doors

Standard features of our gasketsealed doors include adjustable weather stripping and an automatic drop seal. Push-pull plates and door closures are also standard. We also offer Plug-In Doors to fit into an existing opening.

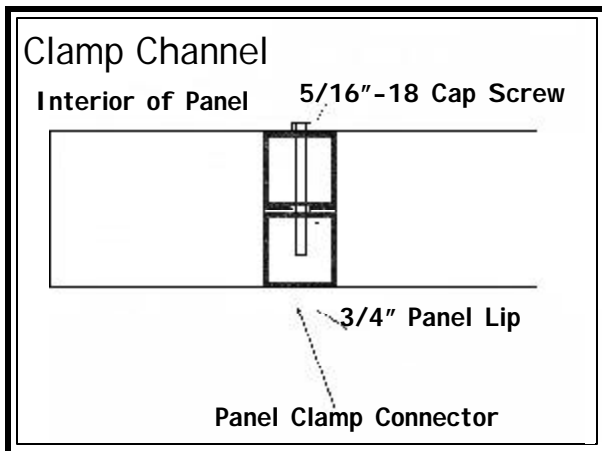


### SOUND Innovation:

The strength and versatility of our Clamp Channel design is unparalleled in the noise control industry. This structural clamp runs along the entire height of the system and is placed every four feet or less along the width, creating a very durable, rigid system. Because the clamps can be easily unfastened, additional windows, doors, or other design changes can be added or modified by simply releasing the affected panel without disassembling the entire enclosure.



**Custom Cut-Out Panels** - we can customize panels to accommodate existing gauges, hoses, valves, conduit, etc. The tolerance of the above job was within 3/32 of an inch.



### Ask about these other SBI products:

- Standard panels
- Septum panels
- Window panels
- Vent panels
- Backless panels
- Acoustical louvers
- Plug-in acoustical windows
- Double seal doors

