

Residential Generator Noise Reduction System RGP4SYS® (Pat. Pend)



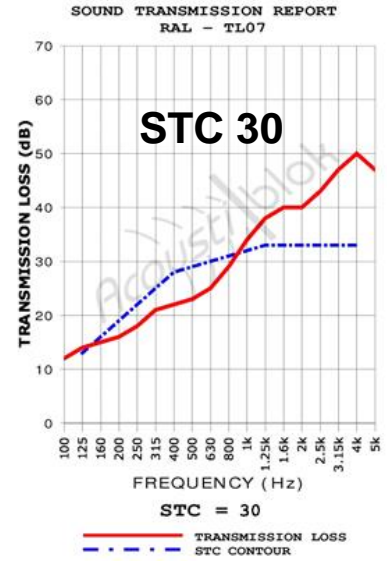
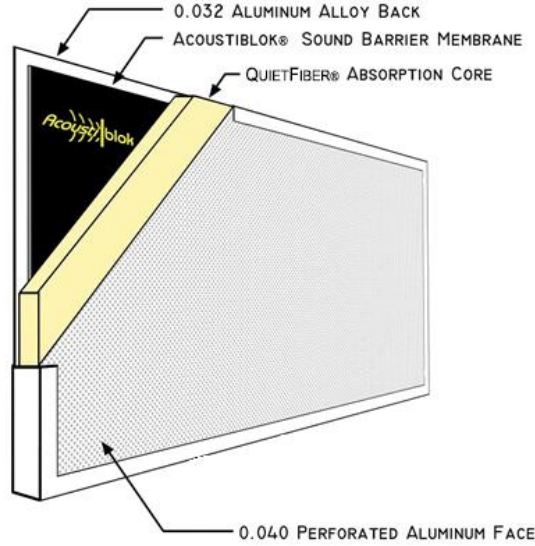
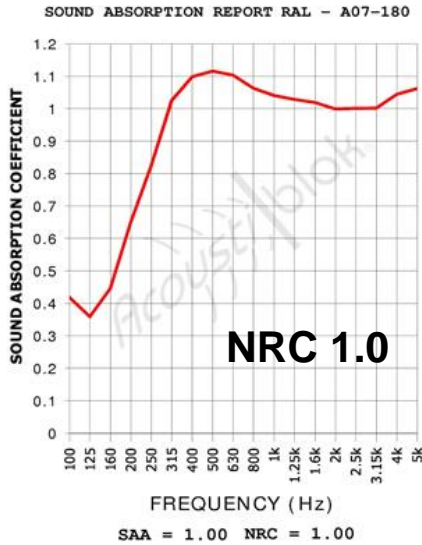
Although Acoustiblok Corporation has been resolving serious industrial generator noise problems for many years through the use of their patented **All Weather Sound Panel®**, only recently have they introduced a residential version of the **All Weather Sound Panel** for residential generators.

It uses the same interior materials but is smaller in size and less robust in structure, and of course significantly less of an investment than the industrial version. The panels still retain the same noise reduction capabilities and are full weather capable, being entirely aluminum encased with aluminum install hardware.

The standard package includes four 5' x 43" (1.52 m x 1.09 m) panels which are easily attached to the heavy-duty aluminum pylons. The predrilled panels are easily bolted to these predrilled pylons with supplied attachment hardware.

A distinct advantage to buying this system is that unlike other types of fencing or enclosures, the Acoustiblok engineering department has done significant **in field** acoustical testing with Class I calibrated acoustical measuring equipment. These exact measurements are then downloaded into an acoustical prediction software program known as CadnaA. Developed in Germany in order to lay out new cities that would have significantly reduced noise, it is considered by most to be the most advanced acoustical prediction software available. For a nominal fee, if the customer supplies a few dimensions (and sometimes a few readings off a cell phone application) regarding the location of their generator and surrounding structures, Acoustiblok can supply you with an extremely accurate acoustical prediction estimate as to your outcome.

RGP Technical Data



Features

- 100% made in U.S.A. from all U.S. material
- Noise reduction averaging over 50% (independent lab tests)
- Acoustiblok® for maximum sound stopping
- Quietfiber® providing maximum sound absorption
- All aluminum encased, non-rusting panels
- One front panel hinged for servicing
- Vermin proof, no critter nesting problems
- Non-flammable, 0 smoke / 0 flame rated
- Low profile under 4' high
- Easy to install, aluminum hardware included
- Easy to paint if desired

- Acoustical prediction service available
- Inside material is hydrophobic, rated 10 for mold (highest possible)
- Nonflammable rated at 0 smoke / 0 flame
- Makes for better neighbors and less noise stress for you

Mechanical Specifications

Each Panel size (4) 43" x 60" x 2"
Exterior Material All High-grade Aluminum
Interior Material Hydrophobic Quietfiber®
Barium free Acoustiblok®

Acoustical Specifications (Independent Lab)

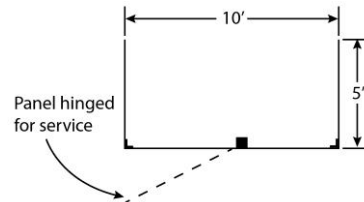
NRC (Noise Reduction Coefficient) 1.00
The Highest Rating Possible

STC (Sound Transmission Class) 30

Infield Test Results

(using Generac 20K Guardian Series)

Test EQ; Sencore Audio Analyzer 1/3 octave



In Operating mode	3' from Panel	21' from Panel	50' from Panel
DB reduction	-12.7 DB	-11.4 DB	-8.3 DB
Human ear perception	-55%	-58%	-43%
In Exercise Mode			
DB reduction	-9.7 DB	-9.8 DB	-7.3 DB
Human ear perception	-48%	-50%	-40%