DEFLECTION.CA

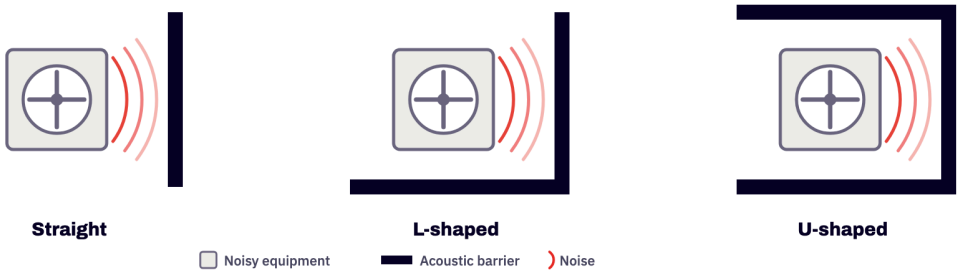
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CATEGORY: ACOUSTICS

ACOUSTIC PANELS AND SOUND BARRIERS

Sound barrier custom-built in Quebec

Custom-built Straight, L-shaped, U-shaped or any other shape	**NRC 1.0 · STC 43** Performance of the acoustic panel	**Quebec** Made in Quebec, Canada



DESCRIPTION

The Deflection sound barrier is made of acoustic panels installed between noisy equipment and the area to protect. Placed around a heat pump, chiller, fan, condenser or industrial machine, this acoustic barrier reduces noise on rooftops or at ground level, indoors and outdoors.

Each sound barrier is custom-built in Quebec. The acoustic panels can form a straight line, an L, a U or any other shape, to suit the needs of the project. Several sizes are available.

BARRIER SHAPES

- Straight
- L-shaped
- U-shaped
- Other custom shapes, to suit the project

SERVICES

- Site visit to assess your needs
- Turnkey project: design, manufacturing and installation
- Compliance report provided on request, at the start and at the end of the project

ACOUSTIC PANEL

Characteristic	Value
External wall	Galvanized steel, 18 gauge
Internal wall	Perforated metal, 22 gauge
Acoustic media	Rock wool, 2.8 lb/ft³
Available thickness	2 in or 4 in
Sizes	Several sizes available
NRC	1.0
STC	43



Sound barrier installed around rooftop mechanical equipment.

ACOUSTIC PERFORMANCE OF THE PANEL

Octave band centre (Hz)	125	250	500	1K	2K	4K
Absorption coefficient	0.98	1.10	1.06	0.96	0.95	0.74
Transmission loss (TL)	24	32	44	55	57	64

Note: Research and development is an ongoing process. As improvements are made, specifications and dimensions may change without notice. Dimensional tolerances conform to international standards.

DEFLECTION · Acoustics & vibration isolation
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