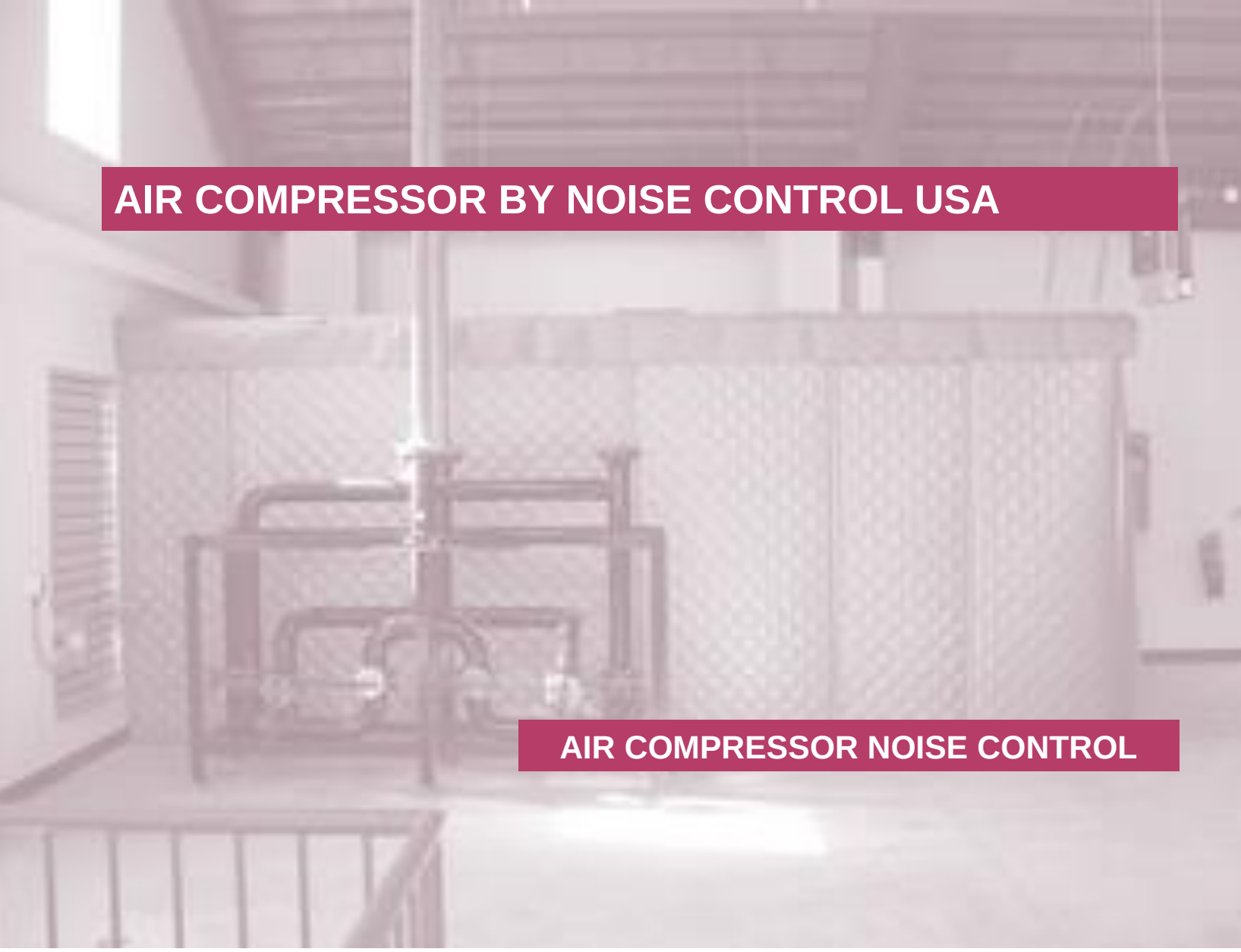


AIR COMPRESSOR BY NOISE CONTROL USA

AIR COMPRESSOR NOISE CONTROL

AIR COMPRESSOR NOISE CONTROL

Compressor are often noisy an effective solution is often required to suppress the noise emitted from them. Compressor noise is usually a nuisance because they are sitting on comparatively lightweight structures.

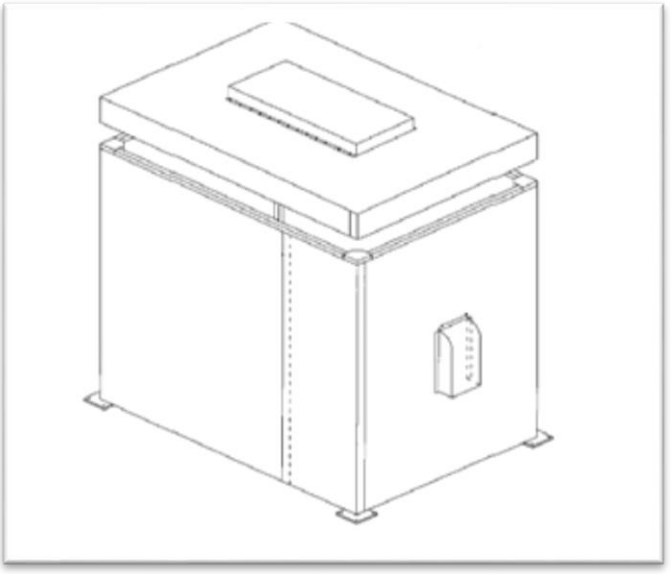
The best way to **soundproof and to reduce any noise from a compressor** regardless of size is to enclose it within a Floor Mounted 4-Sided **Soundproofing Acoustic blanket Enclosure**. For best results the enclosure should be as large as possible to allow less heat buildup and also to be more effective at reducing the noise output from reaching other areas and acoustically isolating the Compressor to contain structure borne sound being transmitted from where it is mounted.

Depending on the current sound levels of the Compressor and your **noise reduction goals**, an abatement solution can be determined. In most applications a **soundproofing blanke**t enclosure will meet your **sound reduction** needs. This is a two to four sided **soundproofing enclosure** with or without a roof. Typically a frame and track is constructed to suspend the **soundproofing curtain panels**. The s**oundproofing blankets material** is a composite material bonding mass loaded vinyl with an acoustical absorber and faced with a vinyl diamond stitched facing.

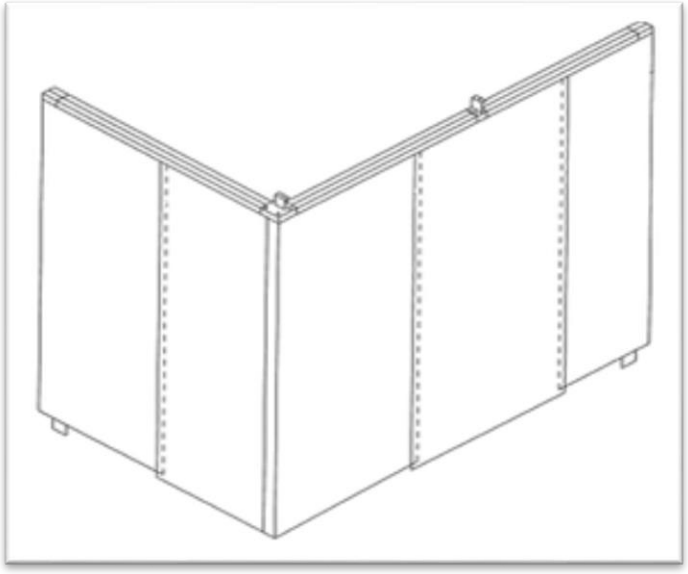
Using our **Soundproofing Acoustic Blankets** to construct a 4-sided noise control solution will significantly reduce sound. The noise reduction to be expected is a range of 20 to 40 decibels. The better the construction, weight of blankets and amount of **soundproofing acoustic blankets** used (the surface area) all factor into your **sound reduction** numbers. Ensuring all corners and edges are tight and that there are no gaps is a major factor. The size of the blankets in which the amount of surface area that is available to dissipate and contain the noise is the other major factor.

Reducing noise by 20 to 40 decibels with this cost-effective, durable material is one of the best ways to solve noise control issues in commercial, facility & industrial markets.

FOUR-SIDED ENCLOSURE WITH ROOF AND SILENCED VENTILATION



TWO-SIDED ENCLOSURE USING SOUND CURTAIN PANELS



ASTM E-90 & E 413	Sound Transmission Loss						
	OCTAVE BAND FREQUENCIES (Hz)						
Product	**125**	**250**	**500**	**1000**	**2000**	**4000**	**STC**
NC-25	12	16	27	40	44	43	29
ASTM C 423	**Sound Absorption Data**						
	OCTAVE BAND FREQUENCIES (Hz)						
Product	**125**	**250**	**500**	**1000**	**2000**	**4000**	**NRC**
NC-25	.19	.99	.96	.80	.57	.33	.85

Noise Control USA providing a proven engineered solution for air compressor noise, with a sound curtain enclosure with sound curtain panels fabricated to meet your noise application needs.

- Sound reduction of 12 – 18 dBA
- Silenced passive or forced air ventilation available
- Easy access to the equipment
- Enclosure easily installed and moved with equipment
- Class A (or 1) flammability rated per ASTM E84

Problem:

An Air compressor located in a shop against a wall or in a corner, with continuous or discontinued motor or air compressor noise. Sound is reflected by the walls enclosing the compressor. Once the compressor cycles, the noise becomes unbearable to employees and customers in the shop.

Solution:

Noise Control USA will provide an enclosure manufactured of NC-AB12 sound curtain panels surrounding the compressor. These enclosures are usually two, three or four sided with an open top.

Depending on the case and demand we can provide you with a roof and ventilation system as well.