NEWTECH INSULATION

Acoustic Enclosures



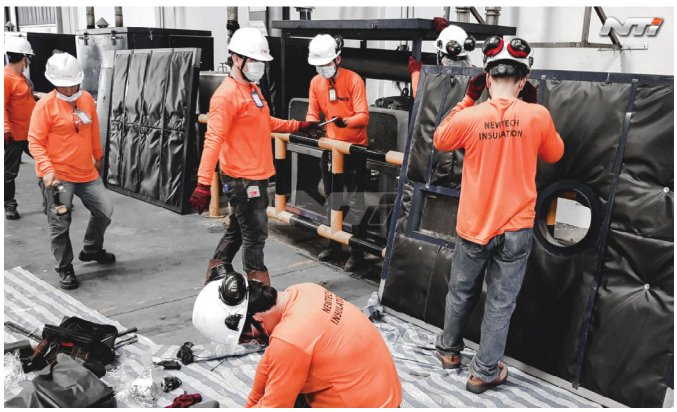
- Designed to match noise frequencies of the sound source
- Designed according to working safety and ergonomics principles
- Various kinds of materials are available to suit any condition
- Non-flammable material with Certificates of fireproof insulation
- Only self-installation acoustic enclosures on the market

NTi Acoustic Enclosures Efficiency

Frequency (Hz)	250	500	1000	2000	4000	8000	16000
Before	44	60	64	60	81	67	50
After	42	50	50	49	62	45	28

"Acoustic Enclosures"

Acoustic Enclosures are an engineering method of noise reduction by covering the sound source directly. If there are no space or technical limitations, acoustic enclosures are one of the most effective forms of noise reduction (more than 30 dBA). In some cases, acoustic enclosures are more cost effective than installing soundproofing walls or sound-absorbing material. This due to the fact that an acoustic enclosures wall, will use fewer square meters than building soundproof walls or installing sound absorption panels to cover an entire wall area.



Choose NTi Acoustic Enclosures

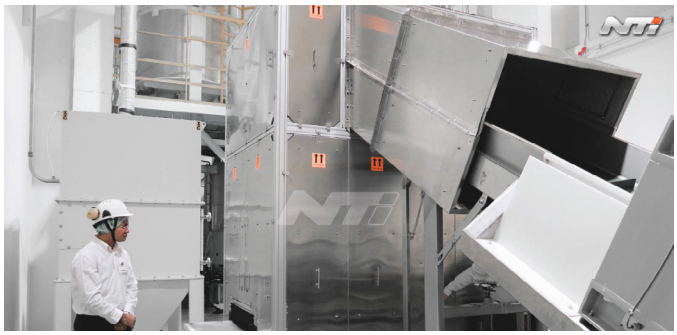
To design acoustic enclosures, in addition to noise reduction calculations, it is also necessary to factor in the following:

- cooling
- ease of disassembly
- weight of the acoustic enclosure
- access to equipment for servicing
- long-term maintenance

Acoustic enclosures can also be designed as a permanent installation by using metal materials, and engineering plastics, or removable and easy to relocate by using lightweight materials such as fabric, aluminum profile, and aluminum composite.

Applications

- Acoustic enclosures for water pumps
- Acoustic enclosures for mixing machines
- Acoustic enclosures for polishing machines
- Acoustic enclosures for cleaning machines
- Acoustic enclosures for ultrasonic welding
- Acoustic enclosures for crushing machines





NTi Acoustic Enclosures Properties

- Available in both fixed installation and disassembly
- Separate types for general work areas or cleanroom areas
- The open fitting acoustic enclosures can reduce noise by 8-15 dBA
- The close-fitting acoustic enclosures can reduce noise by 15-40 dBA

Benefits

- Control the sound directly at the sound source
- Designed to reduce noise level and limit sound frequencies as needed
- Choose materials and colors to suit the environment
- More cost effective than using soundproof walls
- Solve noise problems from both low and high frequencies

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