



ACOUSTIC ENCLOSURES



VG Engineering acoustic enclosures are designed and engineered to meet specific customer requirements for containment of the noise source or to isolate personnel and meet statutory requirements in a wide range of industrial applications. Dependent on the size, application and requirements VG Engineering offers:

- Factory assembled full and partial enclosures for delivery as complete or modular units
- Enclosure systems for site assembly using VG Engineering acoustic panels or blankets
- Ability to reduce noise by 50 dB(A) and higher as required.

All VG Engineering enclosures are designed and constructed under the following criteria:

- Use of the enclosure
- Indoor or outdoor application
- Acoustic requirement
- Enclosure layout and dimensions
- Access requirements for equipment operation and maintenance
- Vibration isolation requirements
- Electrical and mechanical interface requirements
- Internal reflection and absorption of sound
- Ventilation, lighting and power , fire system, HVAC integration



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VG Engineering metal panel enclosures are either specifically designed and fabricated custom units for the application or constructed using VG Engineering standard tongue and groove acoustic panels assembled using standard corner, floor and wall to ceiling connection hardware to form an acoustically sealed enclosure.

Acoustic blanket enclosures provide an economic solution for enclosures to provide noise reduction from 15 to 30 dB(A). Larger enclosures are assembled by constructing a metal frame and attaching the acoustic blankets to enclose the area. Blankets can be mounted on roller tracks to allow them to slide open for access to equipment. Access doors and viewing windows can also be incorporated.

Features include:

- Single and double doors (as required)
- Reduced noise levels in the local environment
- Easy access for personnel and equipment
- Easy installation and relocation
- Minimal maintenance

Options:

- Removable access panels
- Observation windows
- Weather resistant protective coatings
- Weather resistant roof coverings
- Silencers and Weather hoods
- Supporting Structures, access ladders
- Lifting and mounting points (as required)
- Vibration isolated floors
- stainless steel / aluminum face sheets
- Interior finishes



APPLICATIONS INCLUDE: DIESEL AND GAS TURBINE ENCLOSURES | COMPRESSOR ENCLOSURES | PUMP ENCLOSURES
INDUSTRIAL FAN ENCLOSURES | HVAC EQUIPMENT ENCLOSURES | TESTING AND LABORATORY ROOMS | PERSONNEL ROOMS
OBSERVATION AND CONTROL ROOMS | CEMENT PLANTS IANCILLARY EQUIPMENT ENCLOSURES