



ACOUSTIC BLANKET & LAGGING SYSTEMS

VG Engineering Inc. fabricates acoustic blanket systems to reduce plant machinery noise levels. Designs are optimized for acoustic performance and for easy site installation and removal for maintenance and relocation requirements with minimal obstruction to surrounding equipment.

BLANKET SYSTEMS OFFERED

Absorption - To reduce sound reflected within an area from hard wall and ceiling surfaces we provide, fire resistant (Class A or 1), faced and non-faced quilted glass fiber acoustic blanket wall and baffle panels. Non-faced panels are supplied with a non-porous scrim finish, faced panels can be supplied with vinyl coated fiberglass cloth, decorative fabric, rip resistant nylon or heat sealed polyethylene to suit a range of applications. Using an absorption panel systems can reduce the ambient noise in areas by up to 10 dB.

Barrier/Absorption - To control noise being radiating from one area to another and to reduce reflected sound within the area we offer flexible reinforced mass-loaded vinyl barrier systems with a bonded quilted glass fiber acoustic blanket incorporated on one or both sides. Barrier systems are resistant (Class A or 1) and available with various finishes are available to resist high temperatures, chemicals and UV light. Barrier systems can be free standing or incorporated into existing rooms or enclosures. System support structures with track systems and blanket panels with grommets and hook and loop attachment hardware allow for easy assembly, relocation and access to enclosed equipment. Acoustic blanket enclosure systems provide a noise reduction of up to 22 dB(A).

Lagging and Acoustic Jacket Systems - For equipment and ducts VGE provide custom designed, close fitting blanket systems. Designs incorporate various securing systems including hook and loop, D-Ring with nylon strap and clamp bands. Inspection and quick maintenance flaps are provided as necessary. Acoustic Jacket Systems can be provided to contain heat where process flow is used for heat exchangers or radiated heat is a problem. For systems where heat dissipation is required jackets with suitable ventilation are available. Blanket systems are available with silicon or vinyl coated fiberglass cloth or rip resistant nylon exterior finishes.

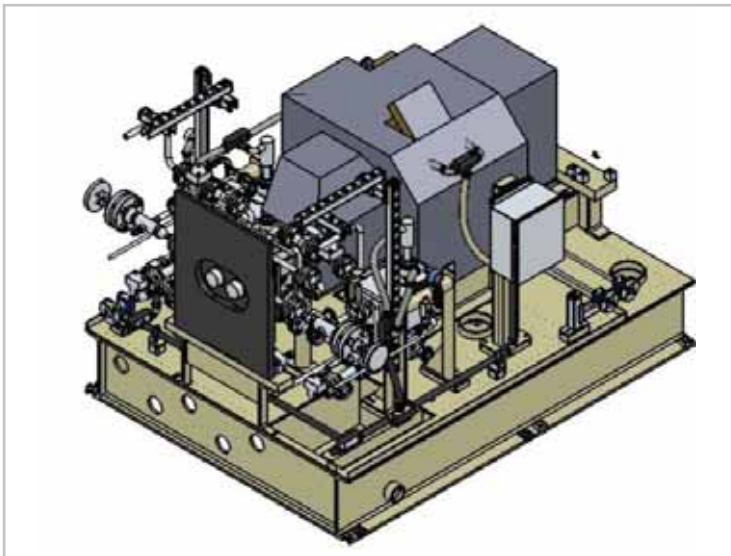


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Acoustic Blanket and Lagging systems are custom designed and constructed by VG Engineering Inc. for each application to ensure customer requirements are fully incorporated .

Features include:

- Independently tested and certified acoustic components.
- Typical Noise reduction: 15—22 dB (A) (STC 27—34)
- Typical NRC: .70—1.02
- ASTM E-84 Flammability Rating: Class A or 1
- FDA Approved ceiling baffles and wall blanket panels
- Cost effective solution to a wide range of noise issues
- Full Installation Instructions
- Fast track delivery and simple installation
- Quick access to equipment
- Easily relocated for temporary requirements
- Easy to incorporate on-site modifications
- Light weight
- Reinforced Foil Facing Finish available
- Suitable for a wide range of temperatures
- Weather resistant finishes and construction available
- Support structures with sliding roller curtain tracks
- Range of colors available



APPLICATIONS INCLUDE: PUMPS | COMPRESSORS | FANS | BLOWERS | MOTORS | PIPE & DUCT SYSTEMS | SHREDDER ENCLOSURES
BARRIER WALLS | ANCILLARY EQUIPMENT ENCLOSURES | HRSG | EXHAUST DUCTS | HEAT EXCHANGERS | FOOD PROCESSING PLANTS
PETROLEUM PROCESSING FACILITIES | DISTRIBUTION CENTERS