



Acoustical Enclosures

Oil & Gas



Acoustic Enclosures

REDUCE EQUIPMENT NOISE

Innova offers acoustic enclosures to reduce noise from a wide range of oil & gas equipment. From compressor and pump stations to upgraders and gas plants, we have a solution to your noise concerns. With more than 700 acoustic enclosures installed worldwide and a 100% delivery and performance record, our enclosures are available whenever and wherever you need them — guaranteed.

Applications

- » Gas Turbines
- » Screw & Reciprocating Compressors
- » Oil & Water Pumps
- » Fuel Gas Conditioning
- » Power Generation & Utilities

Benefits

- » Guaranteed to meet your noise reduction goals
- » Cost-effective designs
- » Fast and easy field installation
- » Installation supervision option
- » Variety of exterior finishes
- » Flat-pack, break-down options for easy shipping



ACOUSTIC ENCLOSURES AT A GAS PLANT IN HOUSTON, TEXAS

Features

- » Constructed from our Noise Management™ assemblies
- » Mounted to rigid structural steel frame
- » Built-in-situ or panelized
- » On-skid or off-base
- » Ventilation and ducting with silencers and louvers
- » Acoustic equipment and personnel doors
- » Removable panels for access

Balanced Design Approach™

Our cost optimization of an enclosure’s noise attenuation balances the cost of the acoustical wall and roof assemblies with ventilation and other silencing measures to deliver the most advanced acoustical technology in the most cost-effective manner.



TWO ON-SKID COMPRESSOR STATIONS IN DAWSON CREEK, BC

Add-ons

- » Air Filtration
- » Electrical & lighting
- » Fire & gas detection and suppression
- » Ladders & platforms
- » Foundations
- » Cranes
- » Cooler silencers
- » Inlet & exhaust systems
- » Catalyst systems for CO removal



ACOUSTIC ENCLOSURE FOR A COMPRESSOR STATION IN FREDERICK, CO

Noise Management™ Assembly Details

Materials: Galvanized or pre-painted steel, stainless steel or aluminum exterior with Noise Management™ acoustic interior and custom liners

Ventilation: Designed using silencers or louvers with considerations to pressure drop and specified temperature rise.

Cladding Profiles: Variety available

Thicknesses: 2", 4", 6" (50 mm, 100 mm, 150 mm)

Cladding Gauge: 24 gauge with optional gauges to 16 gauge

Finishes: Galvanized and custom-painted in a variety of colors

Leverage our Experience

For 40 years, Innova has been the industry supplier of choice, with more than 3,500 projects in 54 countries. The combination of our state-of-the-art designs, extensive fabrication experience and portfolio of proprietary acoustic assemblies guarantees success.

DESIGN SOFTWARE TOOLBOX

- Full Autodesk building and product design
- Software Suite: Inventor, Revit, Navis Works, Autocad, 3DsMAX, Design Review and Vault
- Ansys Multiphysics
- Ansys CFX for Computational Fluid Dynamic analysis
- CadnaA for outdoor noise propagation
- Odeon for interior noise analysis



Balance Without Compromise™

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