

# Acoustical Enclosures

## Power Market

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## Acoustic Enclosures

### REDUCE EQUIPMENT NOISE

Innova offers acoustic enclosures to reduce noise from power plant equipment. With over 700 acoustic enclosures installed worldwide and a 100% delivery and performance record, our enclosures are available whenever and wherever you need them — guaranteed.

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#### Applications

- › Gas Turbines
- › Generators
- › Fuel Gas Compressors
- › Steam Turbines
- › Boiler Feed Water Pumps
- › Air Compressors

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#### Benefits

- › Guaranteed to meet your noise reduction goals
- › Cost-effective designs
- › 100% delivery record
- › Easy field installation
- › Installation supervision option
- › Variety of exterior finishes
- › Flat-pack, break-down options for easy shipping

## 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.

### Add-ons

- » Air Filtration
- » Electrical & lighting
- » Emergency lighting
- » Fire & gas detection and suppression
- » Ladders & platforms
- » Foundations



STEAM TURBINE ENCLOSURE

## 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 and is engineered to reduce pressure drop and allow for customer specified temperature rises.

**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.



GAS TURBINE ENCLOSURE

### 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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