



eneva

Energy Engineering

EXHAUST GAS SILENCER

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EXHAUST GAS SILENCER

- ENEVA exhaust silencers includes absorptive or combine absorptive + reactive principles to reduce the noise produced by the gases from the gas engines / turbines.
- Our silencers are designed to attenuate high as well as low frequency noise level to the optimum sound level criteria at a given distance from the silencer.
- Exhaust gas silencer dimensions (diameter and height) are functions of noise reduction level and volumetric exhaust flow.
- Each silencer is designed considering noise reduction as well as back pressure limits.
- Exhaust gas silencer internal / external materials are chosen considering exhaust gas analysis.
- All external surfaces are cleaned and painted with high temperature prime paint.
- Our exhaust silencers are applicable to MTU, MWM, GUASCOR, CAT or similar gensets with desired acoustic attenuations.



PRODUCT SPECIFICATION

- Reactive / Absorptive or Combined Types
- Global Sound Attenuation up to 50 dB(A)
- Operation Up to 600 °C Exhaust Gas Temperatures
- Inlet Diameters Between DN100 to DN2000
- Inner Surface Carbon Steel/Corten/Stainless Steel
- Outer Surface Carbon Steel/Corten/Stainless Steel
- Optimized Back Pressures for Equipments
- Support Saddles and Drain Muffs Included
- Radial or Axial Intakes& Outlets
- Circular, Rectangular, or Oval Shell Design
- Single or Dual Exhaust Inlet Configurations
- Dimensional Tolerances ISO 13920 B
- Spark Arresters, External Insulation and Conter Flanges on Demand

APPLICATION AREAS

- Gas Engines for Cogeneration
- Biogas and Landfill Gas Engines
- Gas Turbines
- Diesel Generating Sets
- Diesel Engines or Naval Engines
- Boiler or Process Stack Which Produces High Noise
- Compressor Inlet Applications

