GAS TURBINE EXHAUST SILENCER

MUELLER MODEL TDSGT

The Mueller TDSGT Gas Turbine Exhaust Silencer provides low pressure drop, high broadband acoustic attenuation up to 47 dB @ 50' in a compact cylindrical design incorporating annular acoustic absorption panels. Built to last of heavy gauge steel and durable components, the TDSGT has been a proven workhorse with an extended life span even at stations operating in the harshest of conditions.

The exhaust silencer modules are all welded carbon steel construction with external seal welds. Silencer design includes reflective acoustic baffle panels, and internal ceramic fiber acoustic and thermal liner. All internal parts allow for thermal expansion. The internal liner skin, acoustic baffle perforated sheets, and any parts exposed to exhaust flow are fabricated from 409 SS.

WARRANTY

Mueller Environmental Designs guarantees to meet pressure drop and noise control criteria, warranties against poor workmanship, material defects, and failure due to improper equipment selection.

TDSGT ADVANTAGES

- Extremely robust construction for low maintenance, high durability
- Compact design
- Low pressure drop
- Superior acoustic attenuation
REQUIRED PROPOSAL DATA

Because all Mueller equipment is engineered and built for each specific installation, the following information is required for proposals involving TDSGT Silencers.

- Type of rotating machinery
- Fluid flow, temperature, pressure
- Allowable pressure drop
- Exhaust flange dimensions
- Structural support requirements
- Silenced noise criteria

THERE IS A DIFFERENCE

It may be possible to buy cheaper equipment. Our goal is to deliver you the best value – the highest quality at the most reasonable price possible. We engineer our products to deliver optimum efficiency and build them to last. To ensure quality control, our products are manufactured in our own ASME facility outside Houston using heavy duty materials and components to keep your operations up and running with minimum maintenance and maximum lifespan. We don’t cut corners.

COMPLETE PACKAGE SOLUTIONS

We can provide complete system packages including compatible Mueller equipment, as well as ancillary items such as controls, platforms, skids, ladders, etc.