PARALLEL BAFFLE SILENCER

MUELLER MODEL PBS

Mueller PBS Parallel Baffle Silencers effectively reduce the broad band noise generated by centrifugal and axial rotating machinery intake and discharge. The PBS utilizes an acoustic model long accepted in the industry, incorporating absorptive and dissipative acoustic functions. The parallel baffle arrangement enables low pressure drop while achieving high attenuation properties.

FIELD PROVEN APPLICATIONS

- Inlet and discharge of high speed centrifugal blowers
- Gas turbine inlet and exhaust
- Turbocharged reciprocating engine intake
- Electric motor drive ventilation systems
PBS ADVANTAGES

- Robust construction with heavy duty components
- Low pressure drop designs
- Versatile design ideal for retrofit applications
- High attenuation capabilities

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.

REQUIRED PROPOSAL DATA

Because all Mueller equipment is engineered for each specific installation, the following information is required for proposals involving PBS silencers:
- Type of rotating equipment
- Fluid flow, temperature, pressure
- Allowable pressure drop
- Silenced noise criteria
- Connection dimensions

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.