



# Installation of air inlet silencer in generator room

The facility is located in close proximity to a residential area. Due to the potential of long term operation and the frequent systems operation tests, sound attenuation was required for both the inlet and ...

Among these types, silencers in cylinder, disc, and rectangle shapes are very common, with inlets and outlets able to be located on both sides (Side-in, Side-out), both ends (End-in, End-out), or one side ...

These openings cause the noise from the generator to escape out of the generator room into the atmosphere, causing municipal noise by-law infractions and disturbing the neighbors.

eNoise Control Case Study detailing a luxury Caribbean resort needing generator room silencers for their noisy back-up gensets.

The air inlet must be capable of moving enough air through the room to provide the correct minimum CFM (cubic feet per minute) cooling for generator as specified by the generator's manufacturer.

In warm weather, the air source valve is positioned to provide outside air to the generator ventilation air inlet. Air discharged from the generator exits through the roof vent door and open rear ...

We work with facility teams to reduce generator noise using engineered enclosures, silencers, and airflow solutions tailored to your site. Our systems are built for performance, durability, and code ...

Two air inlet shaft are built with bricks outside the machine room. A low-noise axial flow fan is installed under the air inlet wall to supply air to the machine room. A large air volume combined ...

The generator noise control solution enables the consulting engineer to place a solution that will work in tight spaces and consider energy efficiency.

When designing and installing emergency generator exhaust silencers, several critical considerations must be addressed to ensure the optimal performance, safety, and longevity of the ...



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