

Exhaust shutters in generator room

Where should the exhaust shutter be located in a generator room?

Since the generator room is generally on the first underground floor, there should be a large enough exhaust vertical, which is beneficial to noise elimination. The inlet shutter is generally located at the rear end of the generator, and the exhaust shutter is located at the position corresponding to the inlet shutter.

Why do genset rooms need ventilation?

Ventilation of the genset room has two main purposes. They are to ensure that the life-cycle of the genset does not shorten by operating it correctly and to provide an environment for the maintenance/operation personnel so they can work comfortably. In the genset room, right after the start, an air circulation begins due to the radiator fan.

Why do genset rooms have louver fins?

The louver fins should have openings of sufficient dimensions to make sure that air circulation is not being blocked. Otherwise, the occurring backpressure might cause the genset to overheat. The biggest mistake made in this regard in genset rooms is the use of louver fin structures designed for transformer rooms rather than genset rooms.

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