

Generator rotor air inlet



Generator rotor air inlet



Generator Enclosure Spacing

Generator sets must be properly installed to ensure that cooling air is not restricted or artificially heated by nearby heat sources or from recirculation. Fortunately, installation influences can be simulated ...

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GEK89504a-Generator Rotor Assembly & Dis-Assembly , PDF

The document provides assembly instructions for a generator rotor. It lists the necessary parts and provides step-by-step instructions for assembling the field, installing supporting structures, and ...



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Examples of Airflows for Different Enclosed Generator Applicatio

When discharging air vertically, because the generator is surrounded on all sides, can result in higher than ambient air temperatures being pushed into inlet vents.

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GENERIC GENERATOR INSTALLATION

MANUAL

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.

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Generator rotor structure

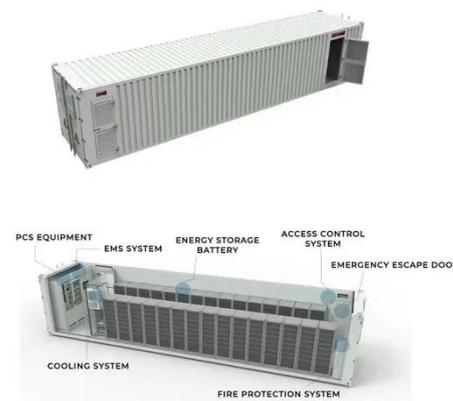
The stator core and rotor winding adopt a ventilation structure corresponding to "five in and six out", that is, it is divided into five air inlet areas and six air outlet areas along the axial length ...

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Generator rotor air inlet and outlet diagram

The main objective of this paper is to elucidate the effect of rotor end structures of a largescale air-cooled turbo-generator on the flow rate distribution and fluid flow pattern in the rotor domain.

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GAS TURBINE POWER GENERATION SYSTEM

Air entering the inlet section of the gas generator is directed into the axial compressor by the inlet casing, and then



compressed to a ratio of 19:1 (nominal rating at ISO conditions).

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High speed generator rotor oil path air vent

During operation of a rotary electric machine the more dense oil tends to collect in the high centrifugal force field spaced from the rotational axis of a rotor, while the less dense air



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AGN 088 Air Flow and Cooling

As a starting point, if the ductwork at both inlet and outlet is only some 1.5m long [at each end], then the cross sectional area of the inside of the ductwork should be twice the area that is designed at the ...

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Design of Air Inlet and Exhaust Route in Diesel ...

When designing the air intake and exhaust of diesel generator room, we should pay attention to the matters which mentions in this article.

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