

ALUMINUM ENCLOSURES



SPECIFICATION:

We offer a complete line up of weather resistive and sound attenuated aluminum enclosure designs for engines of all sizes. From weather to a super sound attenuated design, we have you covered. Galvanized or stainless steel designs are also available when requested.

A weatherproof type enclosure shall be provided to house the engine/generator and accessories.

Standard Wind rating MPH

The enclosure includes tie-down provisions for securely attaching the entire structure to the concrete base or fuel tank as specified.

Standard enclosure exterior color is White unless otherwise specified.

Air handling shall be as follows: Air will enter the enclosure through an intake louver covering the intake opening, as required, for proper airflow to the generator set. The cooling air inlet system shall prevent water intrusion into the enclosure with the generator set operating at full rated load while allowing for a maximum air flow. Radiator discharge shall be through a gravity operated discharge louver. To ensure adequate airflow for cooling and combustion total static restriction over the entire system shall not exceed 0.50" H₂O. Intake openings shall be covered with a bird screen to prevent the entrance of birds or rodents.

A minimum of five (4) single personnel access doors shall be provided on non-walk-in designs. The circuit breaker access door shall provide free open access to the breaker as required for proper operation and maintenance. Doors shall be fully gasket to form a weather tight perimeter seal. Door handles shall be corrosion resistant and shall provide for a lockable, secure entry point into the enclosure.

Level 1 Sound Attenuated Enclosure 15 dba Reduction @ 7 Meters

The Level 1 Sound Attenuated Enclosure is designed and built to the above Weather Enclosure criteria with the following deviations: 1. The sides and end walls of the enclosure will have 1" thick fiberglass sound attenuating material.

Level 2 Sound Attenuated Enclosure 25 dba Reduction @ 7 Meters

The Level 2 Sound Attenuated Enclosure is designed and built to the above Level 1 criteria with the following deviations All exterior walls and the ceiling of the enclosure will have 2" thick fiberglass sound attenuating material.