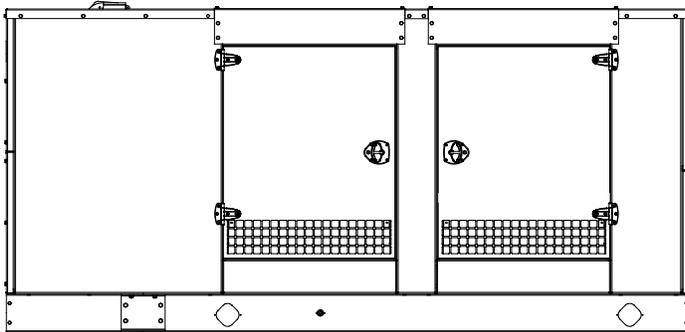


Weather and Sound Enclosures



80- 150 kW Enclosure

Available Approvals and Listings

- UL 2200 Listing
- CSA Certified
- IBC Seismic Certification
- Hurricane Rated Enclosure - Available on sound aluminum, REZGC/REZGD models (Impact rated for Large Missile Level E and Wind load rated per Florida Building Code tested to TAS201-94, TAS202-94 and TAS203-94 standards)

NOTE: Some models may have limited third-party approvals; see your local distributor for details.

Applicable to the following:
125/150REZGC and 125/150RZGC
80/100REZGD and 80/100RZGD

Weather Enclosure Standard Features

- Internal-mounted critical silencer and flexible exhaust connector.
- Skid-mounted, steel construction with hinged doors.
- Fade-, scratch-, and corrosion-resistant Kohler® Power Armor™ automotive-grade textured finish.
- Enclosure has four access doors which allow for easy maintenance.
- Lockable, flush-mounted door latches.
- Vertical air inlet and outlet discharge to redirect air and reduce noise.

Sound Enclosure Standard Features

- Includes all of the weather enclosure features with the addition of acoustic insulation material.
- Skid-mounted, steel or aluminum construction with hinged doors. Aluminum enclosures are recommended for high humidity and/or high salt/coastal regions.
- Acoustic insulation that meets UL 94 HF1 flammability classification and repels moisture absorption.
- Sound attenuated enclosure that uses up to 51 mm (2 in.) of acoustic insulation, acoustic-lined air inlet hoods, and acoustic-lined air discharge hood.
- Aluminum sound enclosure is certified to 186 mph (299 kph) wind load rating.

Weather and Sound Enclosure Specifications

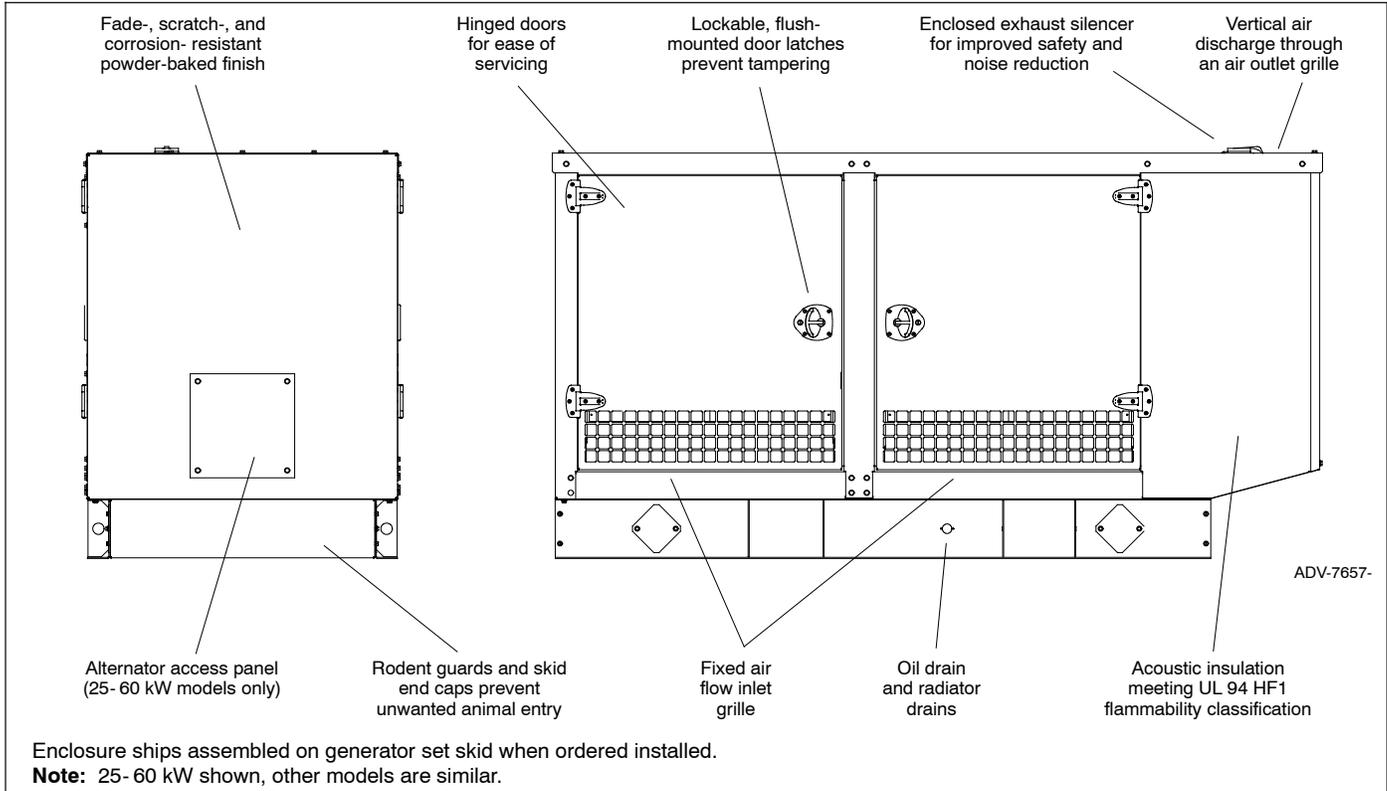
| Model | Max. Dimensions, mm (in.) | | | Weight, kg (lb.) * | | | Sound Pressure Level at 60 Hz with Full Load, Weather/Sound, dB(A) † |
|---------------|---------------------------|-------------|-------------|-------------------------|-----------------------|--------------------------|--|
| | Length | Width | Height | Steel Weather Enclosure | Steel Sound Enclosure | Aluminum Sound Enclosure | |
| 80REZGD/RZGD | 3526(138.8) | 1153 (45.4) | 1694 (66.7) | 1454 (3205) | 1465 (3228) | 1403 (3092) | 85/71 |
| 100REZGD/RZGD | | | 1557 (3434) | 1568 (3457) | 1506 (3321) | 85/71 | |
| 125REZGC/RZGC | | | 1724 (67.9) | 1739 (3834) | 1758 (3876) | 1592 (3509) | 84/73 |
| 150REZGC/RZGC | | | 1696 (66.8) | 1877 (4138) | 1897 (4183) | 1730 (3813) | 84/73 |

Note: Data in table is for reference only, refer to the respective ADV drawings for details.

* Max. weight includes the generator set (wet) with largest alternator option, enclosure, and silencer.

† Log average sound pressure level of 8 measured positions around the perimeter of the unit at a distance of 7 m (23 ft). Refer to TIB-114 for details.

Weather and Sound Enclosure



Enclosure Features

- Available in steel (14 gauge) formed panel, solid construction. Preassembled package offering corrosion resistant, dent resilient structure mounting directly to skid.
- Power Armor™ automotive-grade finish resulting in advanced corrosion and abrasion protection as well as enhanced edge coverage and color retention.
- Internal critical exhaust silencer offering maximum component life and operator safety.
NOTE: Installing an additional length of exhaust tail pipe may increase backpressure levels. Please refer to the generator set spec sheet for the maximum backpressure value.
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design.
- Cooling/combustion air intake with a horizontal air inlet. Sized for maximum cooling airflow.
- Service access. Multi-personnel doors for easy access to generator set control and servicing of the oil fill and battery.
- Cooling air discharge. Weather protective design featuring a vertical air discharge outlet grille. Redirects cooling air up and above enclosures to reduce noise ambient.

Additional Sound Enclosure Features

- Available in steel (14 gauge) or aluminum 3.2 mm (0.125 in.) formed panel, solid construction.
- Sound-attenuating design. Mechanically restrained acoustic insulation UL 94 HF1 listed for flame resistance.
- Cooling air discharge. The sound enclosures include acoustic insulation with urethane film.

Available Approvals and Listings

- UL 2200 Listing
- CSA Approval
- IBC Seismic Certification
- Hurricane Rated Enclosure - Available on Sound Aluminum REZGC/REZGD Models (Impact tested & Wind load rated per Florida Building Code standards for large missile impact level E, TAS201, TAS202 and TAS203)

NOTE: Some models may have limited third-party approvals; see your local distributor for details.

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