Weather and Sound Enclosures

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.

Available Approvals and Listings
- UL 2200 Listing
- CSA Certified
- IBC Seismic Certification

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

Weather and Sound Enclosure Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Dimensions, mm (in.)</th>
<th>Weight, kg (lb.) *</th>
<th>Sound Pressure Level at 60 Hz with Full Load, Weather/Sound, dB(A) †</th>
</tr>
</thead>
<tbody>
<tr>
<td>80REZGD/RZGD</td>
<td>3526(138.8)</td>
<td>1153 (45.4)</td>
<td>1694 (66.7)</td>
</tr>
<tr>
<td>100REZGD/RZGD</td>
<td>1557 (3434)</td>
<td>1568 (3457)</td>
<td>1724 (67.9)</td>
</tr>
<tr>
<td>125REZGC/RZGC</td>
<td>1696 (66.8)</td>
<td>1877 (4138)</td>
<td>1739 (3834)</td>
</tr>
<tr>
<td>150REZGC/RZGC</td>
<td>1696 (66.8)</td>
<td>1877 (4138)</td>
<td>1739 (3834)</td>
</tr>
</tbody>
</table>

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

Fade-, scratch-, and corrosion-resistant powder-baked finish

Hinged doors for ease of servicing

Lockable, flush-mounted door latches prevent tampering

Enclosed exhaust silencer for improved safety and noise reduction

Vertical air discharge through an air outlet grille

Alternator access panel (25-60 kW models only)

Rodent guards and skid end caps prevent unwanted animal entry

Fixed air flow inlet grille

Oil drain and radiator drains

Acoustic insulation meeting UL 94 HF1 flammability classification

Enclosure ships assembled on generator set skid when ordered installed.

Note: 25-60 kW shown, other models are similar.

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 grilles. 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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