Applicable to the following models: 600–1000REOZM

Kohler® enclosures protect stationary generator sets from the elements, animal intrusion, and unwanted entry. The enclosure design allows ample air flow ensuring full generator set performance. The subbase fuel tank provides an onsite diesel fuel supply.

**Weather Enclosure Standard Features**
- Critical silencer, flexible exhaust connector, and rain cap.
- Lift base or tank mounted, steel (aluminum optional) construction with hinged and removable doors.
- Fade-, scratch-, and corrosion-resistant Kohler® cream beige powder-baked finish.
- Lockable, flush-mounted door latches.
- Air inlet louvers and baffles reduce rain and snow entry.
- Pitched enclosure roof to minimize water accumulation.
- Battery charger mounting when optional battery charger is ordered.

**Sound Enclosure Standard Features**
- Includes all of the weather enclosure features with the substitution of a hospital silencer on the level 2 sound enclosure.
- Vertical air inlet and outlet hoods with 90 degree angles to redirect air and reduce noise.
- Acoustic insulation that meets UL 94 HF1 flammability classification.
- Level 1 (L1) sound attenuated enclosure that offers -15 dB(A) sound reduction at 7 m (23 ft.) using 76 mm (3 in.) of acoustic insulation covered by a perforated aluminum interior liner on the walls (900/1000REOZM only).
- Level 2 (L2) sound attenuated enclosure that offers -25 dB(A) sound reduction at 7 m (23 ft.) using 76 mm (3 in.) of acoustic insulation with a vinyl acoustic sound barrier covered by a perforated aluminum interior liner on the walls. The roof has 76 mm (3 in.) of acoustic insulation covered by a perforated aluminum interior liner and the intake/discharge hoods have 51 mm (2 in.) of acoustic insulation (900/1000REOZM only).
- Sound attenuated enclosure that offers an average of 75 dB(A) sound level at 7 m (23 ft.) using 51 mm (2 in.) of acoustic insulation, acoustic-lined air inlet hoods, and acoustic-lined air discharge hood (600–800REOZM only).

**Subbase Fuel Tank Features**
- The above-ground rectangular secondary containment tank mounts directly to the generator set, below the generator set skid (subbase).
- Both the inner and outer UL-listed tanks have emergency relief vents.
- Flexible fuel lines are provided with subbase fuel tank selection.
- The containment tank’s double-wall construction protects against fuel leaks or ruptures. The inner (primary) tank is sealed inside the outer (secondary) tank. The outer tank contains the fuel if the inner tank leaks or ruptures.
Double-Wall Secondary Containment Subbase Fuel Tank
600-800REOZM

1. Overflow to main tank
2. Low level switch
3. Additional fitting for optional accessory
4. Basin drain
5. Emergency vent fitting
6. Fitting for removable fuel return dip tube
7. Fitting for removable engine supply dip tube
8. Fuel inlet from supply pump
9. Fuel level gauge fitting
10. Fuel fill fitting with lockable cap and 8 in. riser
11. Normal vent fitting
12. Electrical stub-up area open to bottom
13. Fuel in basin switch

Note: 600REOZM shown, 750/800REOZM is similar.

Standard Features

- Heavy-gauge construction
- Integral stub-up area
- UL listed
- Lockable fill cap and riser, 2 in. NPT
- Low fuel level switch for controller alarm
- Mechanical fuel gauge
- Normal vent with riser and mushroom cap
- Emergency pressure-relief vent inner and outer tanks
- Fuel supply and fuel return openings
- Basin drain
- Float fitting for pump control for fuel transfer system model
- Overflow opening for fuel transfer system model
Double-Wall Secondary Containment Subbase Fuel Tank
900/1000REOZM

1. Inner tank leak alarm (standard)
2. Emergency pressure relief vent outer tank (standard)
3. Emergency pressure relief vent inner tank (standard)
4. Fuel supply line
5. Normal vent with riser and mushroom cap (standard)
6. Fuel return line
7. Lockable/sealed fill cap with riser (standard)
8. Mechanical fuel gauge (standard)
9. Low fuel level switch for controller alarm (compatible with Decision-Maker™ 3+ and Decision-Maker™ 550)
10. Day tank kit
11. 1/2 in. NPT for leak detection switch

Standard Features

- Heavy-gauge construction
- Integral stub-up area
- Removable end channel for easy access to stub-up area
- UL listed
- Emergency pressure-relief vent outer tank
- Lockable fill cap and riser, 2 in. NPT
- Low fuel level switch for controller alarm
- Mechanical fuel gauge
- Normal vent with riser and mushroom cap
- Emergency pressure-relief vent inner and outer tanks
- Fuel supply and fuel return openings
- Basin drain
- Fuel transfer system. Tank top mounting bracket with auxiliary fuel fittings offers location for optional fuel transfer system for extended generator set operation when used with companion (main) fuel supply tank
- Float fitting for pump control for fuel transfer system model
- Overflow opening for fuel transfer system model
- Pump and motor-mounting pad for fuel transfer system model
- Fuel pump fill opening for fuel transfer system model
# Weather Enclosure and Subbase Fuel Tank Specifications

<table>
<thead>
<tr>
<th>Fuel Tank Capacity, L (gal.)</th>
<th>Est. Fuel Supply Hours at 60 Hz w/Full Load</th>
<th>Weather Enclosure and Subbase Fuel Tank</th>
<th>Weight, kg (lb.)</th>
<th>Fuel Tank Height “A,” mm (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Dimensions, mm (in.)</td>
<td>With Steel Enclosure</td>
<td>With Aluminum Enclosure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Length “B”</td>
<td>Max. Width</td>
<td>Height</td>
</tr>
<tr>
<td>600REOZM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0</td>
<td>0 (0)</td>
<td>2691 (105.9)</td>
<td></td>
</tr>
<tr>
<td>2033 (537)</td>
<td>12.1</td>
<td>5000 (197)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4111 (1086)</td>
<td>24.4</td>
<td>4366 (171.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6136 (1621)</td>
<td>36.4</td>
<td>4518 (177.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8089 (2137)</td>
<td>48.0</td>
<td>5182 (204)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12170 (3215)</td>
<td>72.2</td>
<td>4670 (183.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>750/800REOZM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0</td>
<td>0 (0)</td>
<td>2841 (111.8)</td>
<td></td>
</tr>
<tr>
<td>2850 (753)</td>
<td>12</td>
<td>5600 (220)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5670 (1498)</td>
<td>24</td>
<td>4466 (175.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8528 (2253)</td>
<td>36</td>
<td>4770 (187.8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11360 (3001)</td>
<td>48</td>
<td>6528 (257)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16974 (4484)</td>
<td>72</td>
<td>9398 (370)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>900REOZM, Enclosure Series: KP200BWP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0.0</td>
<td>5080 (200)</td>
<td>2743 (108)</td>
<td></td>
</tr>
<tr>
<td>3501 (925)</td>
<td>12.8</td>
<td>12485 (27525)</td>
<td>3099 (122)</td>
<td>203 (8)</td>
</tr>
<tr>
<td>7002 (1850)</td>
<td>25.6</td>
<td>13706 (30215)</td>
<td>3353 (132)</td>
<td>457 (18)</td>
</tr>
<tr>
<td>1000REOZM, Enclosure Series: KP200BWP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0.0</td>
<td>5080 (200)</td>
<td>2743 (108)</td>
<td></td>
</tr>
<tr>
<td>3501 (925)</td>
<td>12.3</td>
<td>12485 (27525)</td>
<td>3099 (122)</td>
<td>203 (8)</td>
</tr>
<tr>
<td>7002 (1850)</td>
<td>24.5</td>
<td>13706 (30215)</td>
<td>3353 (132)</td>
<td>457 (18)</td>
</tr>
</tbody>
</table>

**Note:** The first row for each model shows an enclosure with enclosure mounting lift base and without a subbase fuel tank.

**Note:** The estimated weight includes the generator set with oil and coolant, enclosure, fuel tank without fuel, and silencer.

*Refer to the enclosure/fuel tank dimension drawing ADV-6656 for dimensions not shown.*
Dimensions in [ ] are inch equivalents.
See fuel tank height "A" and length "B" in table
Dimensions in [ ] are inch equivalents.
See fuel tank height “A” and length “B” in table.
Dimensions in [ ] are inch equivalents.

**Note:** W4 x 13 beams required at same mounting location as tank for Florida Dept. of Environmental Resources Management.

See fuel tank height “H” in table.

900/1000REOZM Weather Enclosure

ADV-6754A-B
### Sound Enclosure and Subbase Fuel Tank Specifications

<table>
<thead>
<tr>
<th>Fuel Tank Capacity, L (gal.)</th>
<th>Est. Fuel Supply Hours at 60 Hz w/Full Load</th>
<th>Sound Enclosure and Subbase Fuel Tank</th>
<th>Weight, kg (lb.)</th>
<th>Fuel Tank Height “A,” mm (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Dimensions, mm (in.)</td>
<td>With Steel Enclosure</td>
<td>With Aluminum Enclosure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Length “B”</td>
<td>Max. Width</td>
<td>Height</td>
</tr>
<tr>
<td>600REOZM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2033 (537)</td>
<td>12.1</td>
<td>0 (0)</td>
<td>2691 (105.9)</td>
<td>3329 (131)</td>
</tr>
<tr>
<td>4111 (1086)</td>
<td>24.4</td>
<td>5000 (197)</td>
<td></td>
<td>3634 (143)</td>
</tr>
<tr>
<td>6136 (1621)</td>
<td>36.4</td>
<td></td>
<td></td>
<td>3939 (155)</td>
</tr>
<tr>
<td>8089 (2137)</td>
<td>48.0</td>
<td>5182 (204)</td>
<td></td>
<td>4091 (161)</td>
</tr>
<tr>
<td>12170 (3215)</td>
<td>72.2</td>
<td>7417 (292)</td>
<td></td>
<td>4243 (167)</td>
</tr>
<tr>
<td>750/800REOZM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2850 (753)</td>
<td>12</td>
<td>0 (0)</td>
<td>2841 (111.8)</td>
<td>3480 (137)</td>
</tr>
<tr>
<td>5670 (1498)</td>
<td>24</td>
<td>5600 (220)</td>
<td></td>
<td>3785 (149)</td>
</tr>
<tr>
<td>8528 (2253)</td>
<td>36</td>
<td>4090 (161)</td>
<td></td>
<td>12586 (27717)</td>
</tr>
<tr>
<td>11360 (3001)</td>
<td>48</td>
<td>6528 (257)</td>
<td></td>
<td>4394 (173)</td>
</tr>
<tr>
<td>16974 (4484)</td>
<td>72</td>
<td>9398 (370)</td>
<td></td>
<td>15074 (33190)</td>
</tr>
<tr>
<td>900REOZM, Enclosure Series: KP200BL1 (Sound Enclosure, Level 1), KP200BL2 (Sound Enclosure, Level 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0.0</td>
<td>6604 (260)</td>
<td>5486 (216)</td>
<td>13415 (29575)</td>
</tr>
<tr>
<td>3501 (925)</td>
<td>12.8</td>
<td></td>
<td></td>
<td>14635 (32265)</td>
</tr>
<tr>
<td>7002 (1850)</td>
<td>25.6</td>
<td></td>
<td></td>
<td>15236 (33590)</td>
</tr>
<tr>
<td>1000REOZM, Enclosure Series: KP200BL1 (Sound Enclosure, Level 1), KP200BL2 (Sound Enclosure, Level 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift base</td>
<td>0.0</td>
<td>6604 (260)</td>
<td>5486 (216)</td>
<td>13415 (29575)</td>
</tr>
<tr>
<td>3501 (925)</td>
<td>12.3</td>
<td></td>
<td></td>
<td>14635 (32265)</td>
</tr>
<tr>
<td>7002 (1850)</td>
<td>24.5</td>
<td></td>
<td></td>
<td>15236 (33590)</td>
</tr>
</tbody>
</table>

**Note:** The estimated weight includes the generator set with oil and coolant, enclosure, fuel tank without fuel, and silencer.

**Note:** Refer to the enclosure/fuel tank dimension drawing ADV-6963 for dimensions not shown.

**Note:** The first row for each model shows an enclosure with an enclosure mounting lift base and without a subbase fuel tank.

**Note:** Refer to the enclosure/fuel tank dimension drawing ADV-6986 for dimensions not shown.

**Note:** Refer to the enclosure/fuel tank dimension drawing ADV-6754 for dimensions not shown.
600REOZM Sound Enclosure

Dimensions in [ ] are inch equivalents.

See fuel tank height "A" and length "B" in table.
Dimensions in [ ] are inch equivalents.
See fuel tank height “A” and length “B” in table
Dimensions in [ ] are inch equivalents.

Note: W4 x 13 beams required at same mounting location as tank for Florida Dept. of Environmental Resources Management. See fuel tank height "H" in table.

<table>
<thead>
<tr>
<th>SILENCER DIMENSIONS</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEVEL 1 (CRITICAL)</td>
<td>356</td>
<td>762</td>
<td>2743</td>
<td>966</td>
</tr>
<tr>
<td>LEVEL 2 (HOSPITAL)</td>
<td>415</td>
<td>1075</td>
<td>4013</td>
<td>1278</td>
</tr>
</tbody>
</table>

900/1000REOZM Sound Enclosure

ADV-6754B-B
Accessories

**Basic Electrical Package (BEP), 600–800REOZM**
- Distribution panel/load center 120/208/240 VAC, single phase with main and 12 branch circuits.
- Two 3-way switches control four AC vapor-tight lights with gaskets. Two duplex GFI receptacles.
- All wiring in rigid conduit.

**Basic Electrical Package (BEP), 900/1000REOZM**
- Load center 120/208/240 VAC, single-phase with main and 12 branch circuits. One switch controls three AC vapor-tight lights with gaskets. Two duplex GFI receptacles.
- All wiring in rigid conduit.
- Additional AC lights.
- Duplex GFI receptacles.
- Two 3-way switches.

**Enclosure Heater**
- 5 kW heater, thermostatically controlled 208 or 240 VAC, single phase.

**DC Light Package, 600–800REOZM**
- Four DC lights powered by the starting battery on a fused circuit with a 0–60 minute and no lock-on timer.
- 24 VDC lights are standard.

**DC Light Package, 900/1000REOZM**
- Two DC lights powered by the starting battery on a fused circuit with a 0–60 minute and no lock-on timer.
- 24 VDC lights are standard.
- Additional DC lights.

**Miscellaneous Package Options, 600–800REOZM**
- Mounting and wiring for battery charger.
- Engine block heater wiring.
- Panic bar for each latching door.
- Touch-up paint (specify spray or brush bottle).

**Miscellaneous Package Options, 900/1000REOZM**
- Mounting for battery charger.
- Automatic door holder.
- Panic bar for each latching door.
- Control panel viewing window, 610 x 457 mm (24 x 18 in.) (weather enclosure models only).
- Touch-up paint (specify spray or brush bottle).

**19 L (5 gal.) Fill/Spill Containment**
- Above ground fill/spill container for fuel overfill spills during fill-up. External mount or internal mount.

**Florida Dept. of Environmental Protection (FDEP), 600–800REOZM**
- FDEP approval required for fuel tank capacities greater than 249 L (550 gal.). Tank approval listed within FDEP File No. EQ-249. Leak and 90% high fuel level switch approval listed with FDEP File No. EQ-161. Above ground fill/spill container for fuel overfill spills during fill-up; 26.5 L (7 gal.) capacity.

**Florida Dept. of Environmental Protection (FDEP), 900/1000REOZM**
- FDEP approval required for fuel tank capacities greater than 249 L (550 gal.). Tank approval listed within FDEP File No. EQ-228. Leak and 90% high fuel level switch approval listed with FDEP File No. EQ-161. Above ground fill/spill container for fuel overfill spills during fill-up. 19 L (5 gal.) capacity.

**Enclosure Design Options, 600–800REOZM**
- Aluminum construction, 2.0 mm (0.08 in.) walls and 3.2 mm (0.125 in.) roof thickness.
- High wind bracing, 241 kph (150 mph).

**Enclosure Design Options, 900/1000REOZM**
- Aluminum construction for weather enclosure, 2.5 mm (0.1 in.) thickness.
- Aluminum construction for sound enclosure, 2.5 mm (0.1 in.) thickness.
- Outlet hood for weather enclosure.
- Intake hoods for weather enclosure.
- Acoustic insulation, 51 mm (2 in.).
- Aluminum perforated liner for sound enclosure, level 1.
- High wind bracing, 241 kph (150 mph).

**Motorized Variable Damper and Ventilation**
- Air intake and relay.
- Air discharge and relay.
- Ventilation fan, thermostat, and wiring.
- Gravity Air Outlet Louver
- External mount.

**Fuel Transfer System, 900/1000REOZM**
- System 2000+ electronic control module (ECM) with 15.1 Lpm (4 gpm) pump and 1/3 HP motor, solenoid valve, fuel strainer, and critical high shutdown.