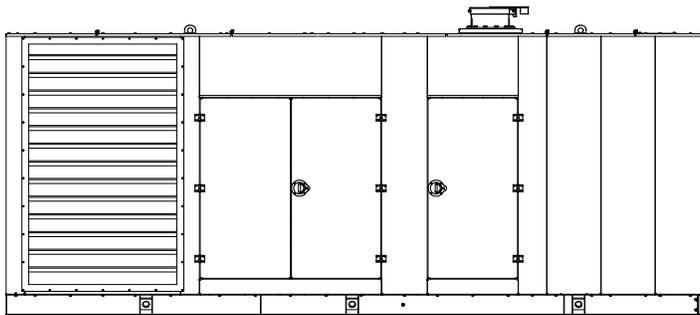


Weather/Sound Enclosure and Subbase Fuel Tank Package

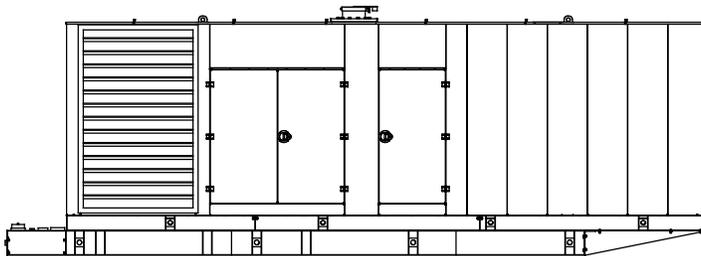
Applicable to the following:
700-1000REOZDE
750-1000REOZMD

Weather Enclosure Standard Features

- Internal-mounted, exhaust silencer with rain cap.
- Lift base or tank-mounted, steel or aluminum construction with hinged and removable doors. Aluminum enclosures recommended for high humidity and/or high salt/coastal regions.
- Fade-, scratch-, and corrosion-resistant Kohler® Power Armor™ cream beige automotive-grade textured finish.
- Enclosure has six large access doors which allow for easy maintenance.
- Lockable, flush-mounted door latches.
- Air inlet louvers reduce rain and snow entry.
- High wind bracing, 241 kph (150 mph).



Weather Enclosure
(Shown with Lift Base)



Sound Enclosure
(Shown with Subbase Fuel Tank)

Sound Enclosure Standard Features

- Includes all of the weather enclosure features with the addition of acoustic insulation material.
- Louvered air inlet and vertical outlet hood with 90 degree angles to redirect air and reduce noise.
- Acoustic insulation that meets UL 94 HF1 flammability classification.
- Sound attenuated enclosure that offers an average of 75 dB(A) sound level at 7 m (23 ft.) using acoustic insulation, acoustic-lined air inlets and an acoustic-lined air discharge.

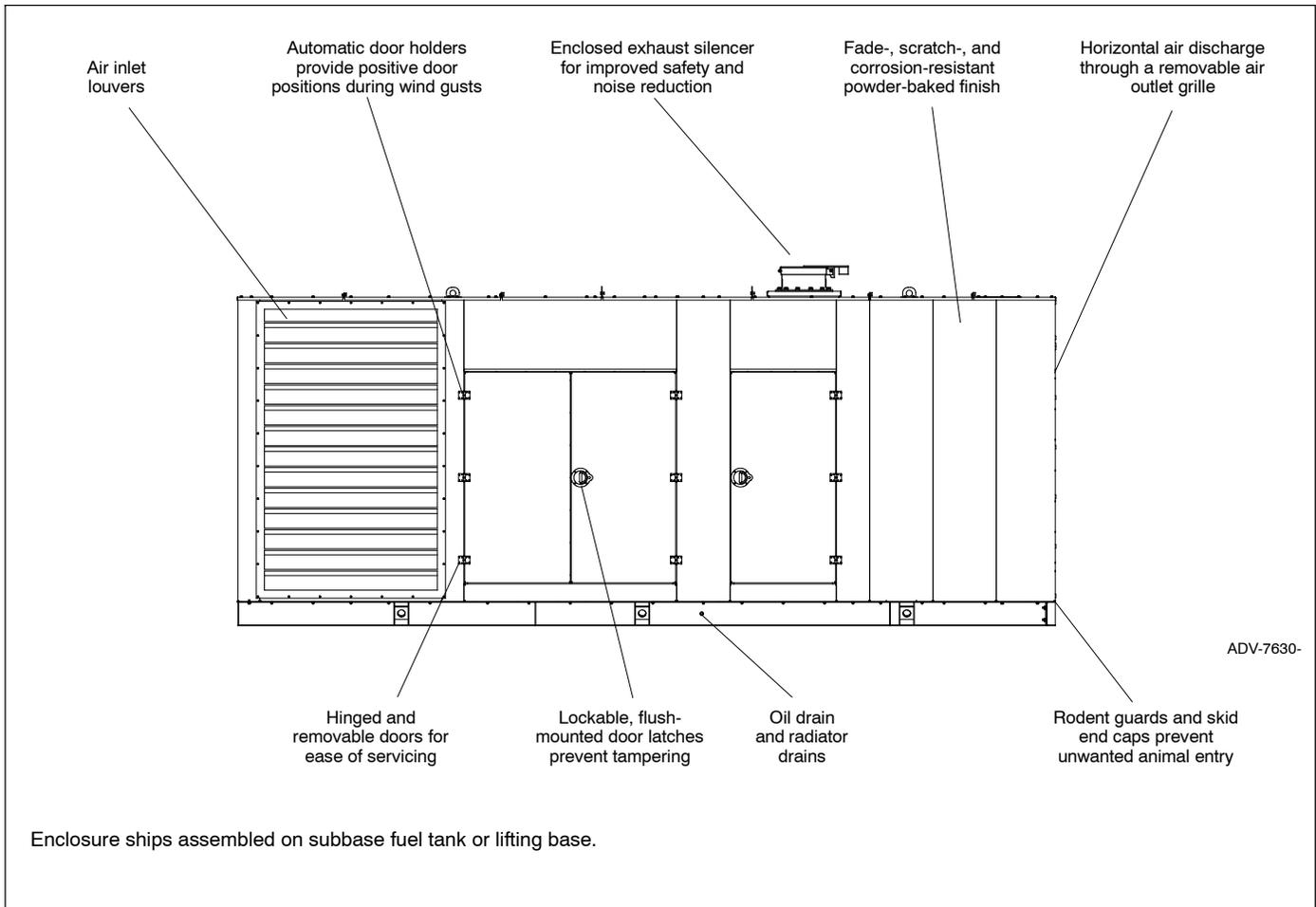
Subbase Fuel Tank Features

- The fuel tank has a Power Armor Plus™ textured epoxy-based rubberized coating.
- The above-ground rectangular secondary containment tank mounts directly to the generator set, below the generator set skid (subbase).
- Both the inner and outer tanks have UL-listed relief vents.
- Flexible fuel lines are provided with subbase fuel tank selection.
- The containment tank's 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.
- The above ground secondary containment subbase fuel tank meets UL 142 requirements.

Available Approvals and Listings

- UL 2200 Listing
- CSA Approval
- IBC Seismic Certification
- California OSHPD Approval (750-1000REOZMD models only)
- cUL Listing (fuel tanks only)
- Florida Dept. of Environmental Protection (FDEP) compliance

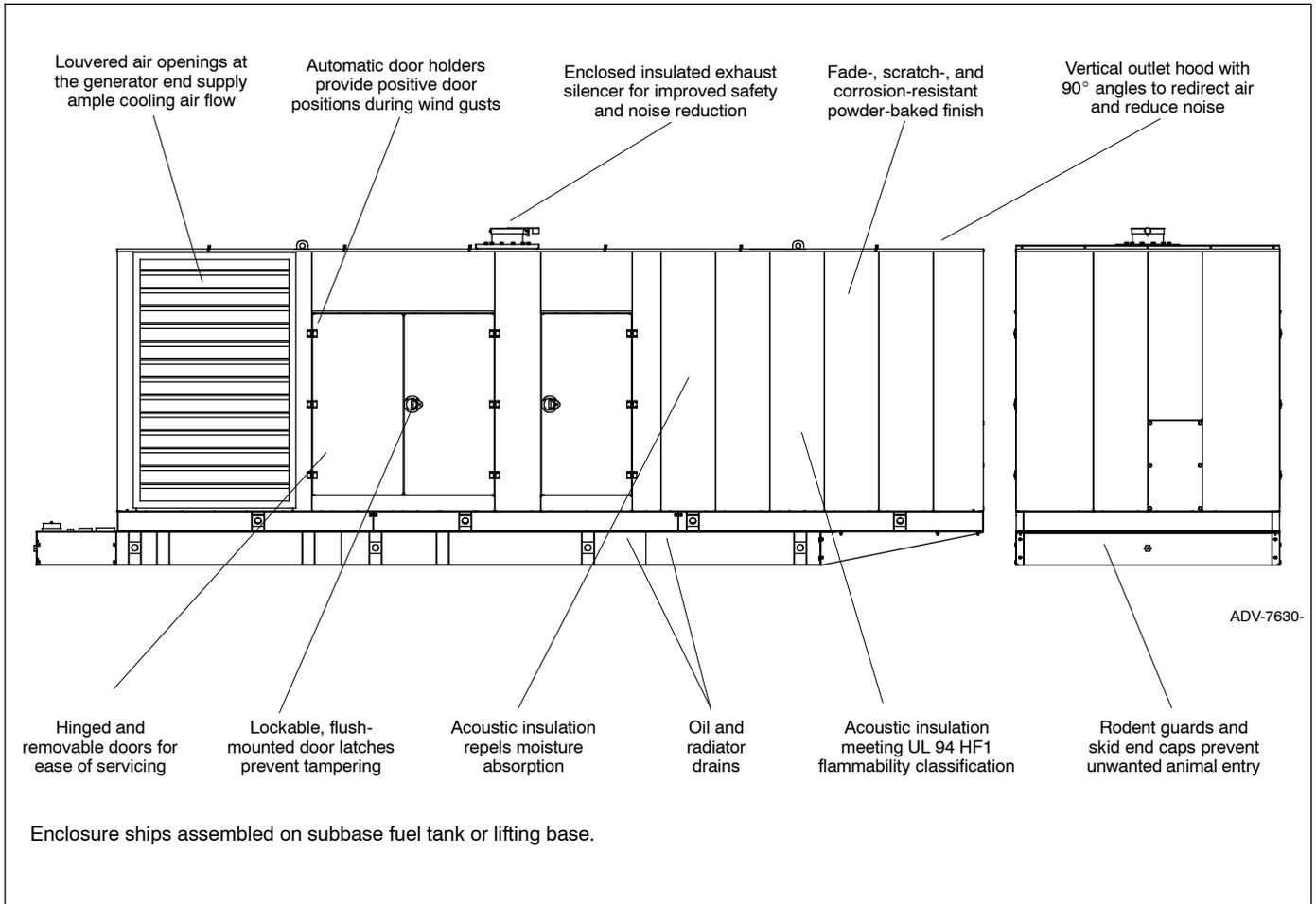
Weather Enclosure



Weather Enclosure Features

- Available in steel (14 gauge) or aluminum (3 mm [0.125 in.]) formed panel, solid construction. Preassembled package offering corrosion resistant (aluminum), dent resilient structure mounting directly to lift base or fuel tank.
 - Power Armor™ automotive-grade finish resulting in advanced corrosion and abrasion protection as well as enhanced edge coverage and color retention.
 - Internal exhaust silencer. Offers maximum component life, operator safety, and includes rain shield and cap.
 - Service access. Multi-personnel doors for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
 - Cooling/Combustion Air Intake
 - Weather protective designs using fixed air inlet louvers. Sized for maximum cooling airflow.
 - Cooling Air Discharge
 - Weather protective design featuring horizontal air discharge. Exhausts air through a removable punched air outlet grille.
- 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.

Sound Enclosure

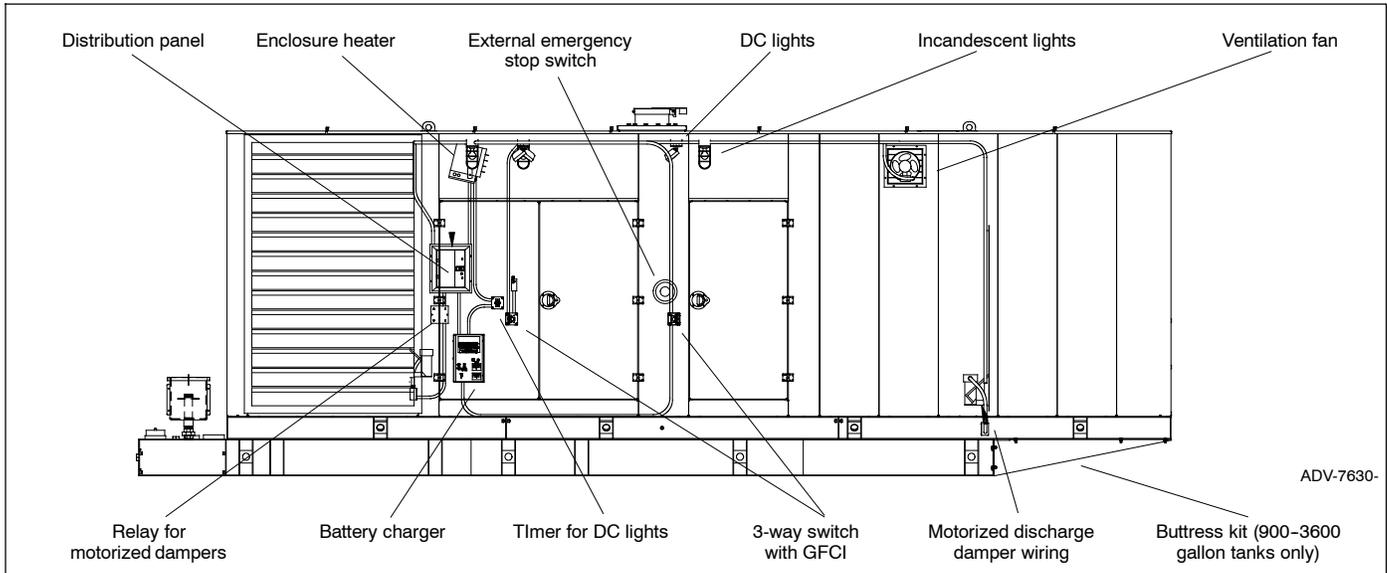


Sound Enclosure Features

- Available in steel (14 gauge) or aluminum (3 mm [0.125 in.]) formed panel, solid construction. Preassembled package offering corrosion resistant (aluminum), dent resilient structure mounting directly to lift base or fuel tank.
- Power Armor™ automotive-grade finish resulting in advanced corrosion and abrasion protection as well as enhanced edge coverage and color retention.
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design.
- Internal exhaust silencer offering maximum component life and operator safety.
- Attenuated design. Acoustic insulation UL 94 HF1 listed for flame resistance.
- Service access. Multi-personnel doors for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
- Cooling/combustion air intake. Attenuated models offering fixed air inlet louvers. The 75 dB(A) models include acoustic insulation lining with urethane film.
- Cooling air discharge. Attenuated models offering a 90° vertical air outlet. Redirects cooling air up and above enclosures to reduce noise ambient; 75 dB(A) models include acoustic insulation with urethane film.

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.

Weather and Sound Enclosure Options



Enclosure Design Options

- Weather Enclosure
- Sound Enclosure
- Aluminum Construction
- Steel Construction
- IBC Seismic Certified

Basic Electrical Package (BEP)

Distribution Panel/Load Center. Prewired AC power distribution of all factory-installed features including block heater, two GFCI-protected internal 120-volt service receptacles, internal lighting, and commercial grade wall switch. The load center is powered by building source power and protected by a main circuit breaker and circuit positions for future expansion. AC power distribution installed in accordance with NEC and all wiring within EMT thin wall conduit. Incandescent lights located within UL-listed fixtures designed for wet locations and two 3-way switches.

- BEP available with single-phase, 100 amp. load center 120/240 VAC.
- BEP available with three-phase, 125 amp. load center 120/208/ 240 VAC.

Enclosure Heater

Heater, 5 kW Ceiling Mounted. Electrical utility heater prewired to load center inside the enclosure. Rated at 17100 Btu includes adjustable louvers offering down flow and horizontal air tuning, built-in thermostat with automatic fan delay controls.

- Heater available in single phase at 240 VAC.
- Heater available in three phase at 208 or 240 VAC.

DC Light Package

- DC Light Package (DLP).** Prewired DC light package offering an economical alternative light source within the enclosure, as a complement to the BEP or a source of light when AC power is not available. Battery drain limited with fuse protection and controlled through a 0-60 minute, spring-wound, no-hold timer.
- External Emergency Stop Switch.** Externally mounted, recessed emergency stop switch.

Motorized Variable Damper and Ventilation

Ventilation Fan, 22.6 m³/min. (800 cfm) Wall Mount. Direct drive 3-blade 305 mm (12 in.) aluminum propeller fan with automatic shutters, driven by a totally enclosed air-over motor housed within a corrosion-resistant housing. Remote thermostatically controlled over a temperature range of 27°C to 54°C (80°F to 130°F). All components are prewired and installed.

- Aluminum construction
- Galvanized steel construction

Motorized Air Inlets

- Aluminum construction
- Galvanized steel construction

Motorized Air Outlets

- Aluminum construction
- Galvanized steel construction

- Gravity Air Outlet Louver.** Louvers closed when unit is not running. After the unit starts, the forced cooling air opens the outlet louvers.

Miscellaneous Package Options

- Battery Charger, Mounted.** Mounting, prewiring of DC output and AC input when optional BEP is selected. Battery charger located inside the enclosure and accessible through an access door.

Block Heater Wiring. Factory-supplied block heater prewired to a junction box providing a convenient location for the customer wiring of the block heater.

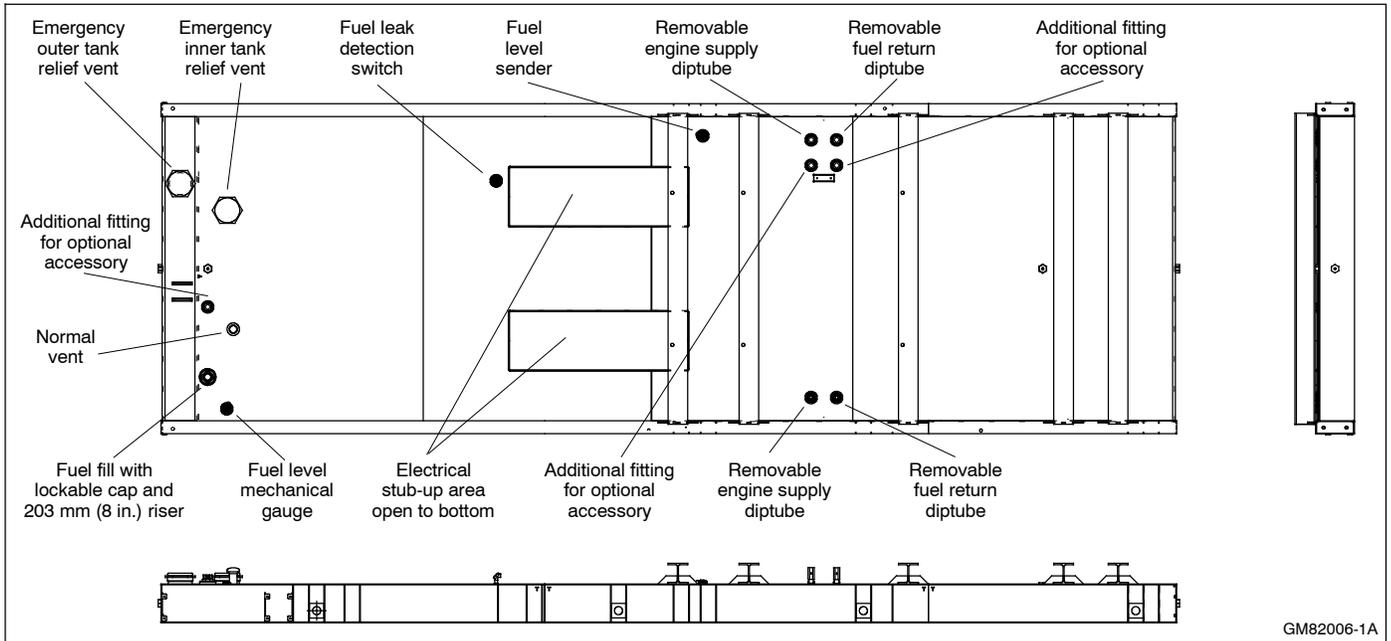
- Heater available in single phase at 240 VAC.
- Heater available in three phase at 208 or 240 VAC.

- Panic Bar** for each latching door. Provides additional safety for individuals working on the generator set while in the enclosure.

Fuel Tank Selection

- Lifting base for enclosure (no fuel tank selected)
- Fuel tank (see the following pages for features and options)

Subbase Fuel Tank



Standard Subbase Fuel Tank Features

- Extended operation. Usable tank capacity offers full load standby operation of up to 72 hours.
- Power Armor Plus™ textured epoxy-based rubberized coating that creates an ultra-thick barrier between the tank and harsh environmental conditions like humidity, saltwater, and extreme temperatures, and provides advanced corrosion and abrasion protection.
- UL listed. Secondary containment generator set base tank meeting UL 142 tank requirements.
- NFPA compliant. Designed to comply with the installation standards of NFPA 30 and NFPA 37.
- Integral external lift lugs. Enables crane with spreader-bar lifting of the complete package (empty tank, mounted generator set, and enclosure) to ensure safety.
- Emergency pressure relief vents. Meets UL requirements; ensures adequate venting of inner and outer tank under extreme pressure and/or emergency conditions.
- Normal vent with cap. Vent is raised above lockable fuel fill.
- Fuel level sender with fuel level and low and high fuel warning annunciated through the generator set controller.
- Leak detection switch. Annunciates a contained primary tank fuel leak condition at generator set control.
- Electrical stub-up area.
- State tank designed to comply with the Florida Dept. of Environmental Protection (FDEP) File No. EQ-634 installation standards.

State Code Subbase Fuel Tank Options

Bottom Clearance

- I-beams, provides 106 mm (4.2 in.) of ground clearance

Fuel in Basin Options

- Fuel in basin switch, Florida Dept. of Environmental Protection (FDEP) File No. EQ-682 approved

Fuel Fill Options

- Fill pipe extension to within 152 mm (6 in.) of bottom of fuel tank
- 18.9 L (5 gallon) spill containment with 95% shutoff
- 18.9 L (5 gallon) spill containment
- 18.9 L (5 gallon) spill containment fill to within 152 mm (6 in.) of bottom of fuel tank
- 28.4 L (7.5 gallon) spill containment, Florida Dept. of Environmental Protection (FDEP) File No. EQ-226 approved
- 28.4 L (7.5 gallon) spill containment with 95% shutoff, Florida Dept. of Environmental Protection (FDEP) File No. EQ-226 approved

Fuel Supply Options

- Fire safety valve (installed on fuel supply line)
- Ball valve (installed on fuel supply line)

Engine Fluid Containment

- Removable engine fluid containment

High Fuel Level Switch

- High fuel level switch
- High fuel level switch, Florida Dept. of Environmental Protection (FDEP) File No. EQ-682 approved
- Three alarm panel
- Three alarm panel, Florida Dept. of Environmental Protection (FDEP) approved

Inner Tank Vent Options

- 3.7 m (12 ft.) above grade (without spill containment) normal vent
- 3.7 m (12 ft.) above grade (with spill containment) normal vent
- 1.4 m (5 ft.) emergency vent

Tank Marking Options

- Decal, Combustible Liquids - Keep Fire Away (qty. 2)
- Decal, NFPA 704 identification (qty. 2)
- Decal, tank number and safe fuel fill height (qty. 2)

Freestanding Stairs

- Stairs only
- Stairs with platform
- Stairs with catwalk

Enclosure and Subbase Fuel Tank Specifications

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz w/Full Load	Weather Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure with Full Load at 7 m (23 ft.), dB(A)
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		

700/800REOZDE

Lifting Base	0	7226 (284)	2645 (104)	3250 (128)	9680 (21340)	9498 (20940)	254 (10)	90
3682 (973)	12	7994 (315)		3301 (130)	12330 (27183)	12148 (26783)	305 (12)	
6679 (1791)	24			3504 (138)	12756 (28121)	12574 (27721)	508 (20)	
8215 (2170)	36			3606 (142)	12957 (28565)	12775 (28165)	610 (24)	
10824 (2859)	48			3910 (154)	13318 (29360)	13136 (28960)	914 (36)	
16193 (4278)	72				14316 (31560)	14134 (31160)		

900/1000REOZDE

Lifting Base	0	7226 (284)	2645 (104)	3250 (128)	11204 (24700)	11022 (24300)	254 (10)	89
3682 (973)	12	7994 (315)		3301 (130)	13854 (30543)	13672 (30143)	305 (12)	
6679 (1791)	24			3504 (138)	14280 (31481)	14098 (31081)	508 (20)	
10824 (2859)	36			3910 (154)	14842 (32720)	14660 (32320)	914 (36)	
13970 (3690)	48				15174 (33453)	14992 (33053)		
20914 (5525)	72				16664 (36738)	16482 (36338)		

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz w/Full Load	Sound Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure with Full Load at 7 m (23 ft.), dB(A)
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.)			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		

700/800REOZDE

Lifting Base	0	8826 (347)	2645 (104)	3253 (128)	9915 (21860)	9688 (21360)	254 (10)	75
3682 (973)	12	9594 (378)		3304 (130)	12493 (27543)	12266 (27043)	305 (12)	
6679 (1791)	24			3507 (138)	12919 (28481)	12692 (27981)	508 (20)	
8215 (2170)	36			3609 (142)	13120 (28925)	12893 (28425)	610 (24)	
10824 (2859)	48			3913 (154)	13481 (29720)	13254 (29220)	914 (36)	
16193 (4278)	72				14479 (31920)	14252 (31420)		

900/1000REOZDE

Lifting Base	0	8826 (347)	2645 (104)	3253 (128)	11457 (25260)	11231 (24760)	254 (10)	76 (900 kW) 77 (1000 kW)
3682 (973)	12	9594 (378)		3304 (130)	14035 (30943)	13809 (30443)	305 (12)	
6679 (1791)	24			3507 (138)	14461 (31881)	14235 (31381)	508 (20)	
10824 (2859)	36			3913 (154)	15023 (33120)	14797 (32620)	914 (36)	
13970 (3690)	48				15355 (33853)	15129 (33353)		
20914 (5525)	72				16845 (37138)	16619 (36638)		

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

Note: Refer to TIB-114 for generator set sound data.

* Max. weight includes the generator set (wet) with largest alternator option, enclosure, silencer, and tank (no fuel).



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Enclosure and Subbase Fuel Tank Specifications

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz w/Full Load	Weather Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure with Full Load at 7 m (23 ft.), dB(A)
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		

750/800REOZMD

Lifting Base	0	7226 (284)	2645 (104)	3250 (128)	10143 (22360)	9961 (21960)	254 (10)	—
3682 (973)	12	7994 (315)		3301 (130)	12793 (28203)	12611 (27803)	305 (12)	
6679 (1791)	24			3504 (138)	13219 (29141)	13037 (28741)	508 (20)	
10824 (2859)	36			3910 (154)	13781 (30380)	13599 (29980)	914 (36)	
13970 (3690)	48				14113 (31113)	13931 (30713)		
20914 (5525)	72			11430 (450)	15603 (34398)	15421 (33998)		

900/1000REOZMD

Lifting Base	0	7226 (284)	2645 (104)	3250 (128)	13363 (29460)	13182 (29060)	254 (10)	—
3682 (973)	12	7994 (315)		3301 (130)	16013 (35303)	15832 (34903)	305 (12)	
8215 (2170)	24			3606 (142)	16640 (36685)	16459 (36285)	610 (24)	
10824 (2859)	36			3910 (154)	17001 (37480)	16820 (37080)	914 (36)	
13970 (3690)	48				17333 (38213)	17152 (37813)		
20914 (5525)	72			11430 (450)	18823 (41498)	18642 (41098)		

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz w/Full Load	Sound Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure with Full Load at 7 m (23 ft.), dB(A)
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.)			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		

750/800REOZMD

Lifting Base	0	8826 (347)	2645 (104)	3253 (128)	10369 (22860)	10142 (22360)	254 (10)	75
3682 (973)	12	9594 (378)		3304 (130)	12947 (28543)	12720 (28043)	305 (12)	
6679 (1791)	24			3507 (138)	13373 (29481)	13146 (28981)	508 (20)	
10824 (2859)	36			3913 (154)	13935 (30720)	13708 (30220)	914 (36)	
13970 (3690)	48				14267 (31453)	14040 (30953)		
20914 (5525)	72			11430 (450)	15757 (34738)	15530 (34238)		

900/1000REOZMD

Lifting Base	0	8826 (347)	2645 (104)	3253 (128)	13589 (29960)	13362 (29460)	254 (10)	75
3682 (973)	12	9594 (378)		3304 (130)	16167 (35643)	15940 (35143)	305 (12)	
8215 (2170)	24			3609 (142)	16794 (37025)	16567 (36525)	610 (24)	
10824 (2859)	36			3913 (154)	17155 (37820)	16928 (37320)	914 (36)	
13970 (3690)	48				17487 (38553)	17260 (38053)		
20914 (5525)	72			11430 (450)	18977 (41838)	18750 (41338)		

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

Note: Refer to TIB-114 for generator set sound data.

* Max. weight includes the generator set (wet) with largest alternator option, enclosure, silencer, and tank (no fuel).

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