

Weather/Sound Enclosure and Subbase Fuel Tank

Applicable to the following:
15-60REOZK

Weather Enclosure Standard Features

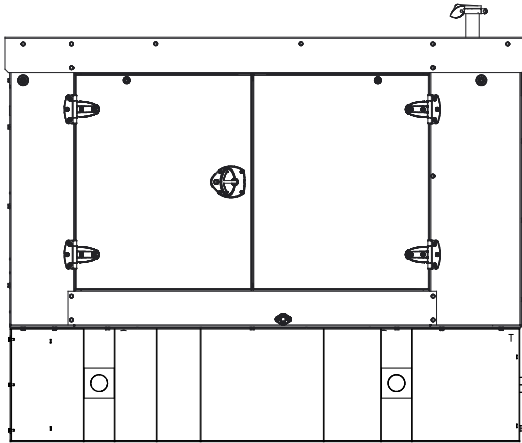
- Internal-mounted silencer and flexible exhaust connector.
- Lift base or tank-mounted, steel construction with hinged doors on the service side and easily removable panels on the non-service side.
- Fade-, scratch-, and corrosion-resistant Kohler® Power Armor™ automotive-grade textured finish.
- Enclosure has four large access doors/panels which allow for easy maintenance.
- Lockable, flush-mounted door latches.
- Horizontal air inlet and vertical outlet discharge to redirect air and reduce noise.

Sound Enclosure Standard Features

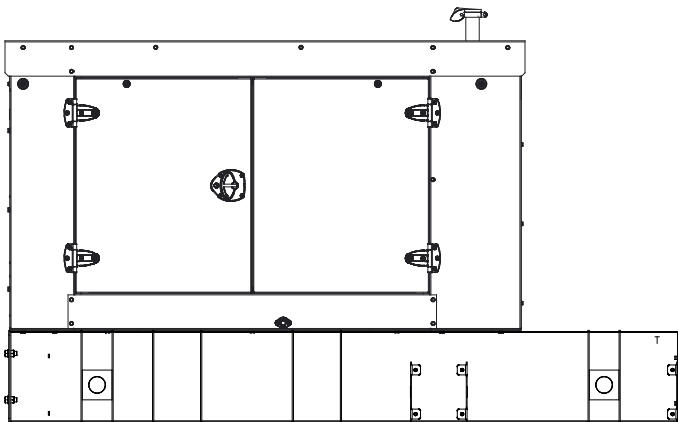
- Includes all of the weather enclosure features with the addition of acoustic insulation material.
- Lift base or tank-mounted, steel or aluminum construction. Aluminum enclosures are recommended for high humidity and/or high salt/ coastal regions.
- Acoustic insulation that meets UL 94 HF1 flammability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

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 emergency relief vents.
- Flexible fuel lines are provided with subbase fuel tank selection.
- The secondary containment generator set base tank meets UL 142 tank requirements. The inner (primary) tank is sealed inside the outer (secondary) tank. The outer tank contains the fuel if the inner tank leaks or ruptures.
- State tanks with varying capacities are an available option. Florida Dept. of Environmental Protection (FDEP) File No. EQ-634 approved.



Enclosure with Standard Subbase Fuel Tank



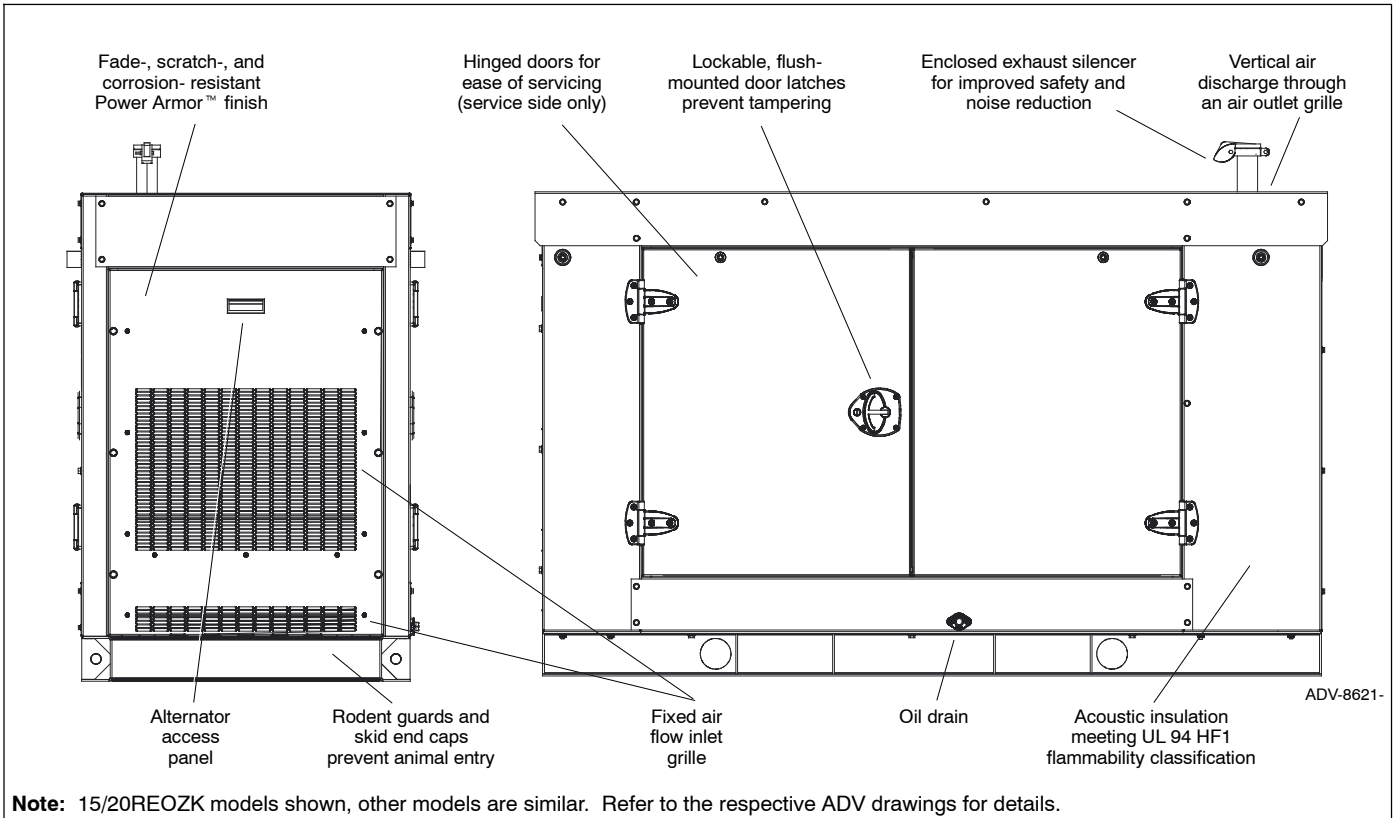
Enclosure with State Code Subbase Fuel Tank

Available Approvals and Listings

- UL 2200 Listing
- CSA Certified
- IBC Seismic Certification
- cUL Listing (fuel tanks only)

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

Weather and Sound Enclosure



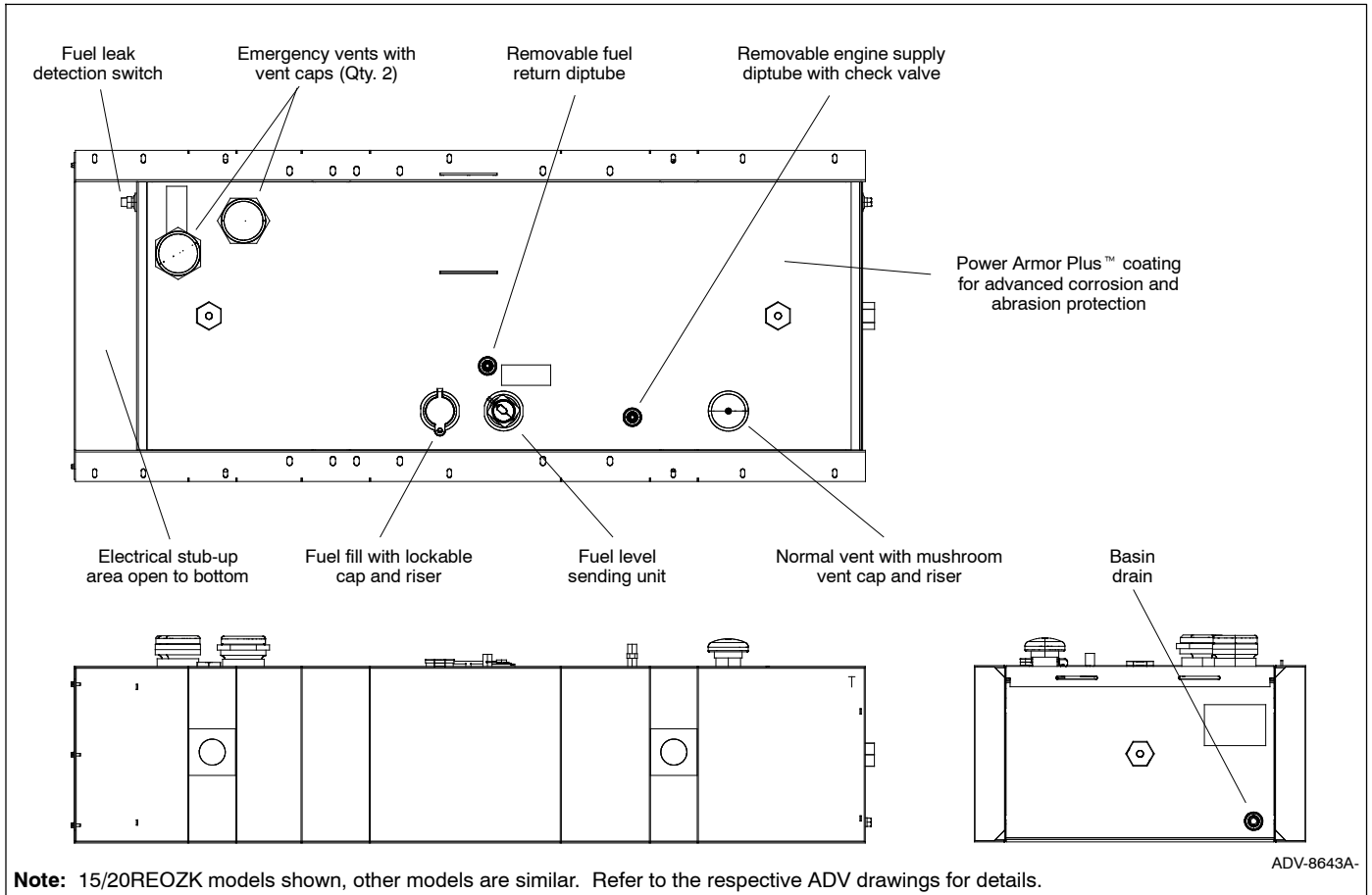
Enclosure Features

- Available in steel (18 gauge) formed panel, solid construction. Preassembled package offering corrosion resistant, 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 offering maximum component life and operator safety.
 - 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/panels for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
 - Cooling air discharge. Weather protective design featuring a vertical air discharge outlet grille. Redirects cooling air up and above enclosure to reduce ambient noise.
- 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.

Additional Sound Enclosure Features

- Available in steel (18 gauge) or aluminum 2 mm (0.08 in.) formed panel, solid construction.
- Attenuated design. Acoustic insulation UL 94 HF1 listed for flame resistance offering up to 51 mm (2 in.) mechanically restrained acoustic insulation.
- Cooling air discharge. The sound enclosures include acoustic insulation with urethane film.

Subbase Fuel Tank



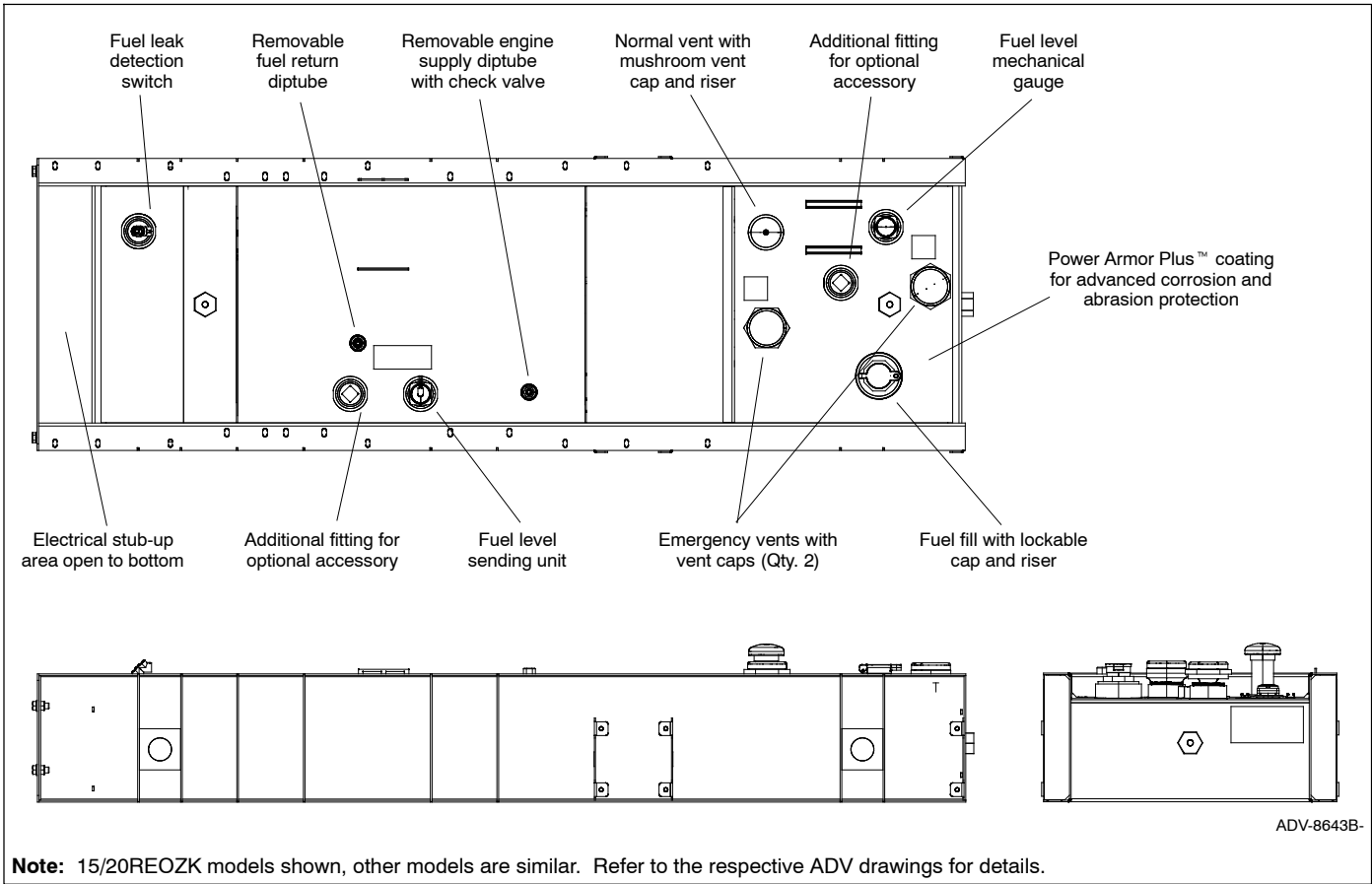
Standard Subbase Fuel Tank Features

- 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 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. Vents ensure adequate venting of the inner and outer tank under extreme pressure and/or emergency conditions.
- Normal vent with cap and riser.
- Leak detection switch. Annunciates a contained primary tank fuel leak condition at the generator set control.
- Electrical stub-up.

State Code Subbase Fuel Tank Features

- State tank designed to comply with the installation standards of the Florida Dept. of Environmental Protection (FDEP) File No. EQ-634.
- Includes all of the Standard Subbase Fuel Tank Features.
- Usable tank capacity offers full load standby operation of up to 96 hours.

State Code Subbase Fuel Tank



Note: 15/20REOZK models shown, other models are similar. Refer to the respective ADV drawings for details.

State Code Subbase Fuel Tank Options

Bottom Clearance

- I-beams, provides 102 mm (4 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-345 approved
- 28.4 L (7.5 gallon) spill containment with 95% shutoff, Florida Dept. of Environmental Protection (FDEP) File No. EQ-345/ EQ-257 approved

Fuel Supply Options

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

High Fuel Level Switch

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

Normal Vent Options

- 3.7 m (12 ft.) above grade (without spill containment)
- 3.7 m (12 ft.) above grade (with spill containment)

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)
- Decal, tank number and safe fuel fill height, NFPA 704 identification

Fluid Containment Options

- 100% engine fluid containment

Weather Enclosure and Subbase Fuel Tank Specifications

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure Level at 60 Hz with Full Load, dB(A) §
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width ‡	Height	With Steel Enclosure	With Aluminum Enclosure		
15REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	585 (1290)	not available	0 (0)	77
301 (80)	48/53			1649 (64.9)	793 (1749)		432 (17)	
465 (123)	72/82			1852 (72.9)	851 (1876)		635 (25)	
15REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	48/58	2575 (101.4)	882 (34.7)	1573 (61.9)	932 (2055)	not available	356 (14)	77
476 (126)	72/84			1700 (66.9)	996 (2196)		483 (19)	
638 (168)	96/112			1827 (71.9)	1064 (2345)		610 (24)	
20REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	621 (1370)	not available	0 (0)	79
301 (80)	24/38			1649 (64.9)	829 (1829)		432 (17)	
465 (123)	48/58			1852 (72.9)	887 (1956)		635 (25)	
622 (164)	72/78			2030 (79.9)	936 (2065)		813 (32)	
20REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	24/41	2575 (101.4)	882 (34.7)	1573 (61.9)	968 (2135)	not available	356 (14)	79
476 (126)	48/60			1700 (66.9)	1032 (2276)		483 (19)	
638 (168)	72/80			1827 (71.9)	1100 (2425)		610 (24)	
838 (221)	96/105			1979 (77.9)	1181 (2605)		762 (30)	
30REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	680 (1500)	not available	0 (0)	79
301 (80)	24/30			1759 (69.3)	888 (1959)		432 (17)	
622 (164)	48/63			2140 (84.3)	995 (2195)		813 (32)	
791 (209)	72/80			2070 (81.5)	2241 (88.3)		1042 (2298)	
30REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	24/33	2575 (101.4)	882 (34.7)	1573 (61.9)	1027 (2265)	not available	356 (14)	79
638 (168)	48/64			1827 (71.9)	1159 (2555)		610 (24)	
838 (221)	72/85			1979 (77.9)	1240 (2735)		762 (30)	
1056 (279)	96/107			2241 (88.3)	1323 (2919)		914 (36)	
40REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1048 (2310)	not available	0 (0)	79
505 (133)	24/36			1838 (72.4)	1328 (2928)		483 (19)	
868 (229)	48/62			2142 (84.4)	1427 (3146)		787 (31)	
1043 (275)	72/74			2244 (88.4)	1464 (3228)		889 (35)	
40REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/38	2896 (114.0)	1070 (42.1)	1787 (70.4)	1514 (3337)	not available	432 (17)	79
898 (237)	48/64			2015 (79.4)	1647 (3631)		660 (26)	
1057 (279)	72/75			2117 (83.4)	1706 (3762)		762 (30)	
1520 (401)	96/108			2269 (89.4)	1825 (4024)		914 (36)	
50REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1063 (2344)	not available	0 (0)	79
505 (133)	24/29			1838 (72.4)	1343 (2962)		483 (19)	
868 (229)	48/50			2142 (84.4)	1442 (3180)		787 (31)	
1527 (403)	72/88			2269 (89.4)	1585 (3496)		914 (36)	
50REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/31	2896 (114.0)	1070 (42.1)	1787 (70.4)	1529 (3371)	not available	432 (17)	79
898 (237)	48/52			2015 (79.4)	1662 (3665)		660 (26)	
1520 (401)	72/87			2269 (89.4)	1840 (4058)		914 (36)	
2028 (535)	96/116			4020 (158.3)	2041 (4500)			

Weather Enclosure and Subbase Fuel Tank Specifications (continued)

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure Level at 60 Hz with Full Load, dB(A) §
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width ‡	Height	With Steel Enclosure	With Aluminum Enclosure		
60REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1102 (2430)	not available	0 (0)	80
505 (133)	24/25			1838 (72.4)	1382 (3048)		483 (19)	
1043 (275)	48/51			2244 (88.4)	1518 (3348)		889 (35)	
1527 (403)	72/75			2896 (114.0)	1624 (3582)		914 (36)	
60REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/26	2896 (114.0)	1070 (42.1)	1787 (70.4)	1568 (3457)	not available	432 (17)	80
1057 (279)	48/52			2117 (83.4)	1733 (3882)		762 (30)	
1520 (401)	72/74			2269 (89.4)	1852 (4144)		914 (36)	
2028 (535)	96/99	4020 (158.3)			2053 (4586)			

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

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

† State code fuel tank specifications (height and weight) do not include I-beam option.

‡ Width dimension shown includes rubber door stops.

§ 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.

Sound Enclosure and Subbase Fuel Tank Specifications

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure Level at 60 Hz with Full Load, dB(A) §
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width ‡	Height	With Steel Enclosure	With Aluminum Enclosure		
15REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	594 (1310)	530 (1168)	0 (0)	64
301 (80)	48/53			1649 (64.9)	802 (1769)	738 (1627)	432 (17)	
465 (123)	72/82			1852 (72.9)	860 (1896)	796 (1754)	635 (25)	
15REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	48/58	2575 (101.4)	882 (34.7)	1573 (61.9)	941 (2075)	877 (1933)	356 (14)	64
476 (126)	72/84			1700 (66.9)	1005 (2216)	941 (2074)	483 (19)	
638 (168)	96/112			1827 (71.9)	1073 (2365)	1009 (2223)	610 (24)	
20REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	630 (1390)	566 (1248)	0 (0)	65
301 (80)	24/38			1649 (64.9)	838 (1849)	774 (1707)	432 (17)	
465 (123)	48/58			1852 (72.9)	896 (1976)	832 (1834)	635 (25)	
622 (164)	72/78			2030 (79.9)	945 (2085)	881 (1943)	813 (32)	
20REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	24/41	2575 (101.4)	882 (34.7)	1573 (61.9)	977 (2155)	913 (2013)	356 (14)	65
476 (126)	48/60			1700 (66.9)	1041 (2296)	977 (2154)	483 (19)	
638 (168)	72/80			1827 (71.9)	1109 (2445)	1045 (2303)	610 (24)	
838 (221)	96/105			1979 (77.9)	1190 (2625)	1126 (2483)	762 (30)	
30REOZK								
No Tank	0	1969 (77.5)	882 (34.7)	1327 (52.3)	689 (1520)	624 (1378)	0 (0)	65
301 (80)	24/30			1759 (69.3)	897 (1979)	832 (1837)	432 (17)	
622 (164)	48/63			2140 (84.3)	1004 (2215)	939 (2073)	813 (32)	
791 (209)	72/80			2070 (81.5)	2241 (88.3)	1051 (2318)	986 (2176)	
30REOZK with IBC Seismic Certification and State Code Fuel Tank †								
330 (87)	24/33	2575 (101.4)	882 (34.7)	1573 (61.9)	1036 (2285)	971 (2143)	356 (14)	65
638 (168)	48/64			1827 (71.9)	1168 (2575)	1103 (2433)	610 (24)	
838 (221)	72/85			1979 (77.9)	1249 (2755)	1184 (2613)	762 (30)	
1056 (279)	96/107			2241 (88.3)	1332 (2939)	1267 (2797)	914 (36)	
40REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1059 (2335)	957 (2110)	0 (0)	64
505 (133)	24/36			1838 (72.4)	1339 (2953)	1237 (2728)	483 (19)	
868 (229)	48/62			2142 (84.4)	1438 (3171)	1336 (2946)	787 (31)	
1043 (275)	72/74			2244 (89.4)	1475 (3253)	1373 (3028)	889 (35)	

Sound Enclosure and Subbase Fuel Tank Specifications (continued)

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Enclosure and Subbase Fuel Tank					Fuel Tank Height, mm (in.)	Sound Pressure Level at 60 Hz with Full Load, dB(A) §
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width ‡	Height	With Steel Enclosure	With Aluminum Enclosure		
40REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/38	2896 (114.0)	1070 (42.1)	1787 (70.4)	1525 (3362)	1423 (3137)	432 (17)	64
898 (237)	48/64			2015 (79.4)	1658 (3656)	1556 (3431)	660 (26)	
1057 (279)	72/75			2137 (83.4)	1717 (3787)	1615 (3562)	782 (30)	
1520 (401)	96/108			2269 (89.4)	1836 (4049)	1734 (3824)	914 (36)	
50REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1074 (2369)	972 (2144)	0 (0)	64
505 (133)	24/29			1838 (72.4)	1354 (2987)	1252 (2762)	483 (19)	
868 (229)	48/50			2142 (84.4)	1453 (3205)	1351 (2980)	787 (31)	
1527 (403)	72/88	2896 (114.0)		2269 (89.4)	1596 (3521)	1494 (3296)	914 (36)	
50REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/31	2896 (114.0)	1070 (42.1)	1787 (70.4)	1540 (3396)	1438 (3171)	432 (17)	64
898 (237)	48/52			2015 (79.4)	1673 (3690)	1571 (3465)	660 (26)	
1520 (401)	72/87			2269 (89.4)	1851 (4083)	1749 (3858)	914 (36)	
2028 (535)	96/116	4020 (158.3)			2052 (4525)	1950 (4300)		
60REOZK								
No Tank	0	2320 (91.3)	1070 (42.1)	1465 (57.7)	1113 (2455)	1011 (2230)	0 (0)	65
505 (133)	24/25			1838 (72.4)	1393 (3073)	1291 (2848)	483 (19)	
1043 (275)	48/51			2244 (88.4)	1529 (3373)	1427 (3148)	889 (35)	
1527 (403)	72/75	2896 (114.0)		2269 (89.4)	1635 (3607)	1533 (3382)	914 (36)	
60REOZK with IBC Seismic Certification and State Code Fuel Tank †								
541 (142)	24/26	2896 (114.0)	1070 (42.1)	1787 (70.4)	1579 (3482)	1453 (3205)	432 (17)	65
1057 (279)	48/52			2117 (83.4)	1771 (3907)	1669 (3682)	762 (30)	
1520 (401)	72/74			2269 (89.4)	1890 (4169)	1788 (3944)	914 (36)	
2028 (535)	96/99	4020 (158.3)			2091 (4611)	1989 (4386)		

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

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

† State code fuel tank specifications (height and weight) do not include I-beam option.

‡ Width dimension shown includes rubber door stops.

§ 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.

Subbase Fuel Tank Specifications (No Enclosure)

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Subbase Fuel Tank *			
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.)
		Length	Width	Height	
15REOZK					
301 (80)	48/53	1935 (76.2)	810 (31.9)	432 (17)	208 (459)
465 (123)	72/82			635 (25)	266 (586)
15REOZK with IBC Seismic Certification and State Code Fuel Tank †					
330 (87)	48/58	2575 (101.4)	810 (31.9)	356 (14)	347 (765)
476 (126)	72/84			483 (19)	411 (906)
638 (168)	96/112			610 (24)	479 (1055)
20REOZK					
301 (80)	24/38	1935 (76.2)	810 (31.9)	432 (17)	208 (459)
465 (123)	48/58			635 (25)	266 (586)
622 (164)	72/78			813 (32)	315 (695)
20REOZK with IBC Seismic Certification and State Code Fuel Tank †					
330 (87)	24/41	2575 (101.4)	810 (31.9)	356 (14)	347 (765)
476 (126)	48/60			483 (19)	411 (906)
638 (168)	72/80			610 (24)	479 (1055)
838 (221)	96/105			762 (30)	560 (1235)

Subbase Fuel Tank Specifications (No Enclosure) (continued)

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load, Nominal/Actual	Subbase Fuel Tank *			
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.)
		Length	Width	Height	
30REOZK					
301 (80)	24/30	1935 (76.2)	810 (31.9)	432 (17)	208 (459)
622 (164)	48/63			813 (32)	315 (695)
791 (209)	72/80			914 (36)	362 (798)
30REOZK with IBC Seismic Certification and State Code Fuel Tank †					
330 (87)	24/33	2575 (101.4)	810 (31.9)	356 (14)	347 (765)
638 (168)	48/64			610 (24)	479 (1055)
838 (221)	72/85			762 (30)	560 (1235)
1056 (279)	96/107			914 (36)	643 (1419)
40REOZK					
505 (133)	24/36	2300 (90.6)	1040 (40.9)	483 (19)	280 (618)
868 (229)	48/62			787 (31)	379 (836)
1043 (275)	72/74			889 (35)	416 (918)
40REOZK with IBC Seismic Certification and State Code Fuel Tank †					
541 (142)	24/38	2896 (114.0)	1040 (40.9)	432 (17)	466 (1027)
898 (237)	48/64			660 (26)	599 (1321)
1057 (279)	72/75			762 (30)	658 (1452)
1520 (401)	96/108			914 (36)	777 (1714)
50REOZK					
505 (133)	24/29	2300 (90.6)	1040 (40.9)	483 (19)	280 (618)
868 (229)	48/50			787 (31)	379 (836)
1527 (403)	72/88			914 (36)	522 (1152)
50REOZK with IBC Seismic Certification and State Code Fuel Tank †					
541 (142)	24/31	2896 (114.0)	1040 (40.9)	432 (17)	466 (1027)
898 (237)	48/52			660 (26)	599 (1321)
1520 (401)	72/87			914 (36)	777 (1714)
2028 (535)	96/116			4020 (158.0)	978 (2156)
60REOZK					
505 (133)	24/25	2300 (90.6)	1040 (40.9)	483 (19)	280 (618)
1043 (275)	48/51			889 (35)	416 (918)
1527 (403)	72/75			914 (36)	522 (1152)
60REOZK with IBC Seismic Certification and State Code Fuel Tank †					
541 (142)	24/26	2896 (114.0)	1040 (40.9)	432 (17)	466 (1027)
1057 (279)	48/52			762 (30)	658 (1452)
1520 (401)	72/74			914 (36)	777 (1714)
2028 (535)	96/99			4020 (158)	978 (2156)

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

* Max. weight includes the tank (no fuel). Height does not include connections/fittings above the tank.

† State code fuel tank specifications (height and weight) do not include I-beam option.

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