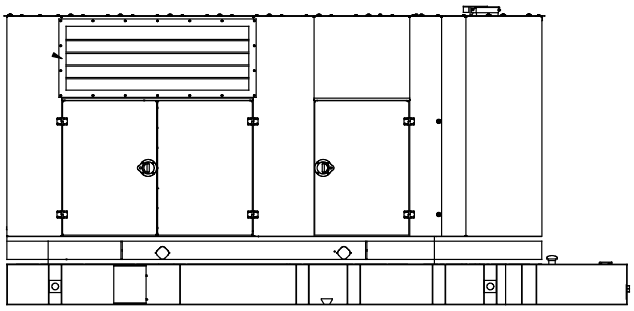
KOHLER®

Industrial Generator Set Accessories

Aluminum and Steel Enclosure and Subbase Fuel Tank Package

All Generator Set, Enclosure, and Fuel Tank Options are UL 2200 Certified.



Applicable to the following:
350-500REOZJ

Weather Enclosure Standard Features

- Internal silencer, flexible exhaust connector and rain cap.
- Mounts to generator set skid. Aluminum or steel construction with hinged and removable doors.
- Fade-, scratch-, and corrosion-resistant Kohler® Power Armor™ 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 entry.

Sound Enclosures Standard Features

- Includes all of the weather enclosure features with the addition of acoustic insulation material.
- Internal vertical discharge plenum directs air up to reduce noise.
- Acoustic insulation that meets UL 94 HF1 flammability classification.
- Sound enclosure offering Level 1 or Level 2 sound reduction using acoustic insulation. See specifications at the back of this document for sound pressure levels.
- Aluminum sound level 1 enclosure is designed to 150 mph (241 kph) wind load rating.
- Aluminum sound level 2 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. Stainless steel fuel lines are an available option.
- The secondary 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.
- State tanks with varying capacities are an available option.

Enclosure and Subbase Fuel Tank Combinations

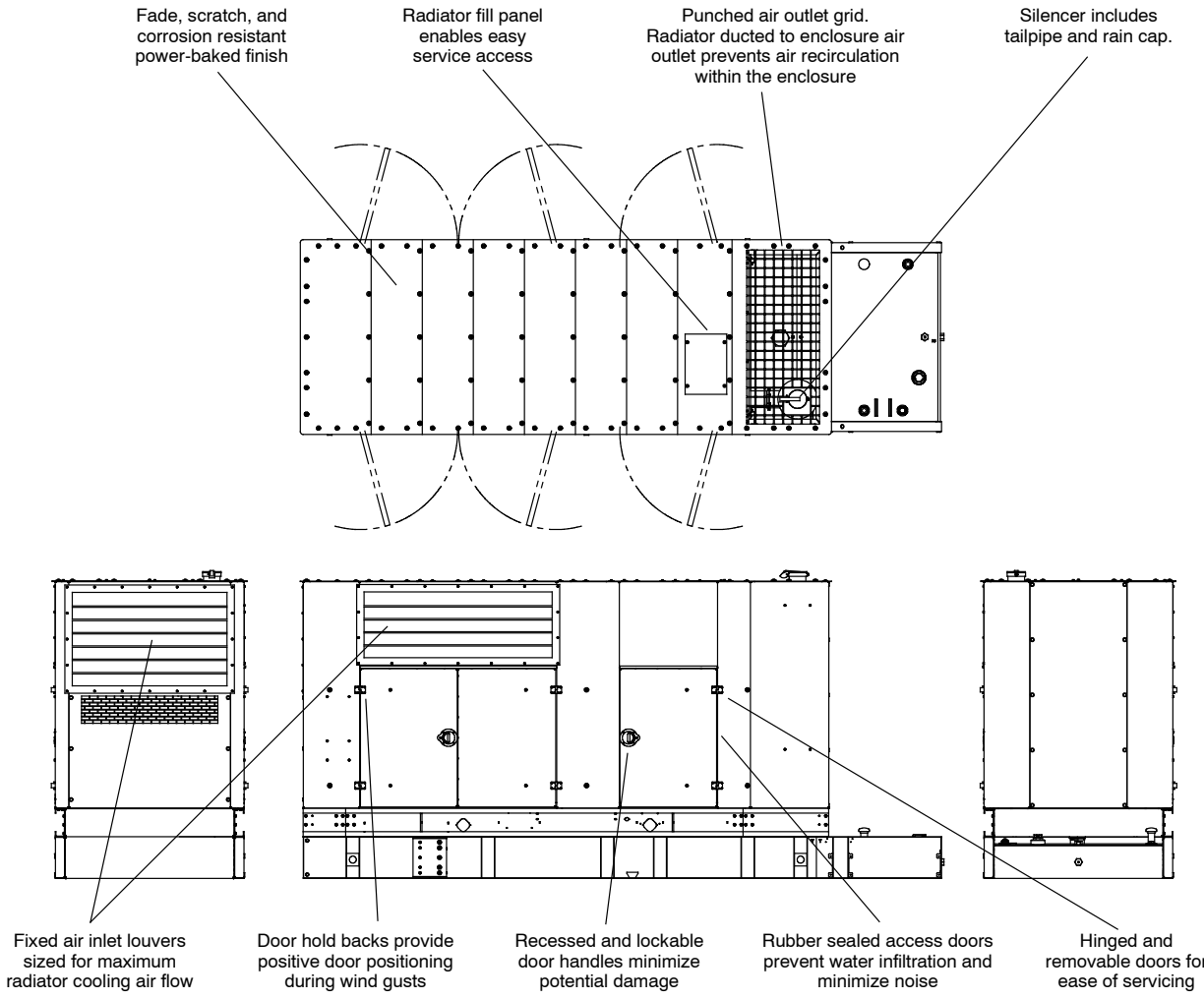
There are three enclosure configurations available with the subbase fuel tanks.

Weather Enclosure with Internal Silencer
Sound Enclosure Level 1 with Internal Silencer
Sound Enclosure Level 2 with Internal Dual Silencers (connected in series)

Available Approvals and Listings

- ❑ UL 2200 Listing
- ❑ CSA Approval
- ❑ IBC Seismic Certification
- ❑ California OSHPD Approval
- ❑ cUL Listing (fuel tanks only)
- ❑ Hurricane Rated Enclosure - Available on sound aluminum
  (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)

Weather Enclosure



Enclosure ships assembled on the generator set skid.
Note: Sample model shown, other models are similar.

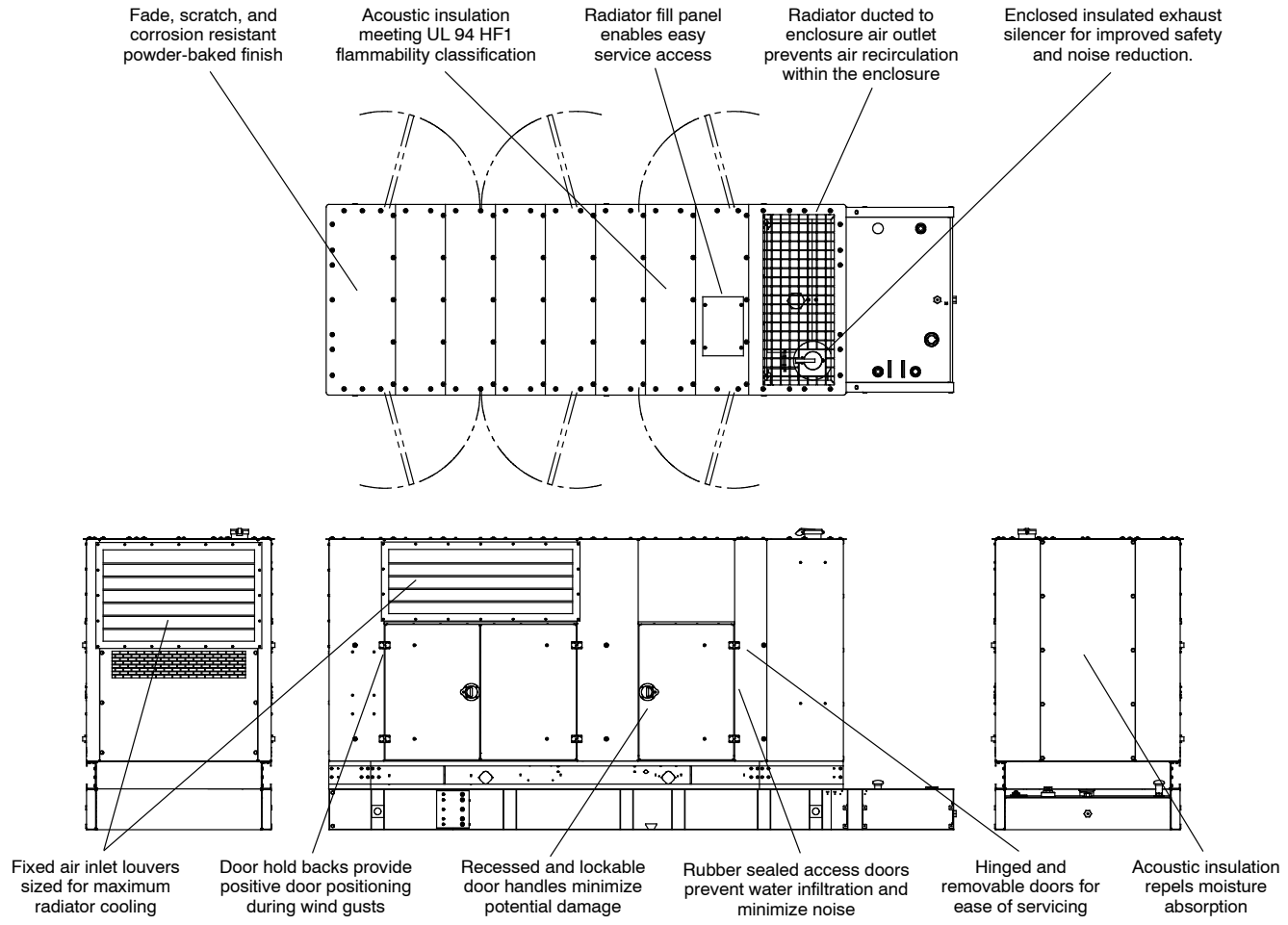
ADV-7991A-

Weather Enclosure Features

- Heavy-duty formed panels, solid construction. Preassembled package offering corrosion resistant, dent resilient structure mounting directly to the generator set skid. Available in 3 mm (0.125 in.) aluminum or 14 gauge steel.
- 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.

  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.
- Service access. Multi-personnel doors for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
- Interchangeable modular panel construction allows design flexibility.
- Bolted panels facilitate service, future modification upgrades, or field replacement.
- Cooling/combustion air intake. Weather protective designs using fixed air inlet louvers. Sized for maximum cooling airflow.
- Cooling air discharge. Weather protective design featuring vertical air discharge. Exhausts air through a punched air outlet grille.

Level 1 and Level 2 Sound Enclosure



Enclosure ships assembled on the generator set skid.

Note: Sample model shown, other models are similar.

ADV-7990A-

Level 1 and Level 2 Sound Enclosure Features

- Heavy-duty formed panels, solid construction. Pre-assembled package offering corrosion resistant, dent resilient structure mounting directly to the generator set skid. Available in 3 mm (0.125 in.) aluminum or 14 gauge steel.
- 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.

  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.
- Service access. Multi-personnel doors for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design.
- Bolted panels facilitate service, future modification upgrades, or field replacement.
- Cooling/combustion air intake. Weather protective designs using fixed air inlet louvers. Sized for maximum cooling airflow.
- Cooling air discharge. Attenuated models offering an internal vertical discharge scoop that redirects cooling air up and above the enclosure to reduce noise.

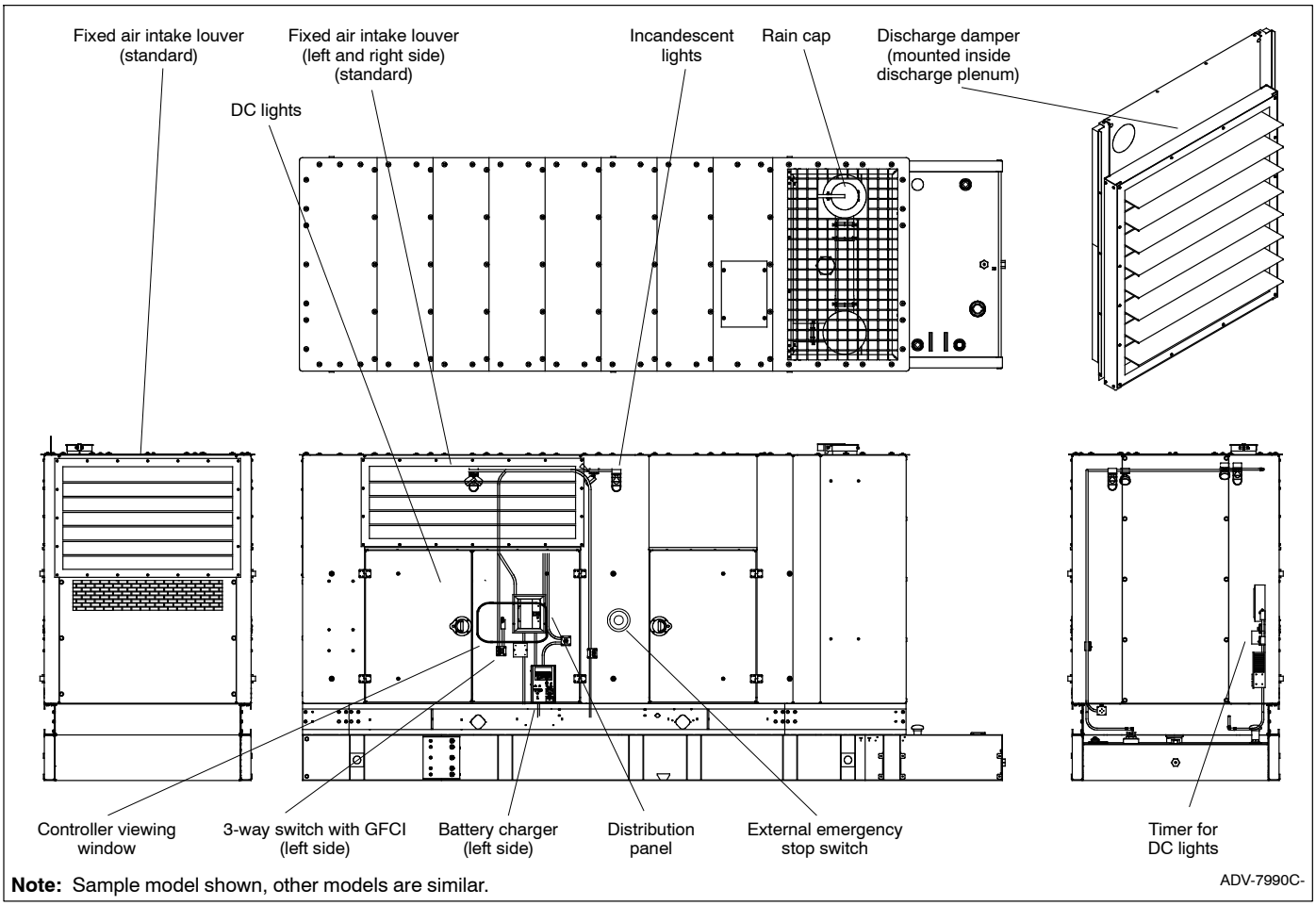
Level 1 Sound Enclosure Features

- Attenuated design using a silencer and acoustic insulation UL 94 HF1 listed for flame resistance.

Level 2 Sound Enclosure Features

- Attenuated design using dual silencers connected in series and acoustic insulation UL 94 HF1 listed for flame resistance.

Weather and Sound Enclosure Options



Note: Sample model shown, other models are similar.

ADV-7990C-

Enclosure Material

- ❑ Aluminum Enclosure
- ❑ Steel Enclosure

Enclosure Silencer Options

- ❑ Internal Silencer**,** weather enclosure
- ❑ Internal Silencer, sound enclosure, level 1
- ❑ Internal Silencer**,** sound enclosure, level 2

Basic Electrical Package (BEP)

- ❑ **Distribution Panel/Load Center.** Prewired AC power distribution of all factory-installed features including two GFCI-protected internal 120-volt service receptacles, AC incandescent lights, and commercial grade wall switch. The single-phase load center powered by building source power and protected by a main circuit breaker, rated for 100 amps with capacity and circuit positions for future expansion. AC power distribution installed in accordance with NEC and all wiring within EMT thin wall conduit. Incandescent AC lights located within UL-listed fixtures.

DC Light Package

- ❑ **DC Light Package (DLP).** Prewired, internal 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. Available in either incandescent or LED.

Miscellaneous Enclosure Options

Controller Viewing Window. Control panel viewing window.

- ❑ Aluminum construction
- ❑ Steel construction

- ❑ **Skid Extensions.** Steel construction (for aluminum or steel enclosures)

- ❑ **Gravity Discharge.** Aluminum construction (for aluminum or steel enclosures)

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

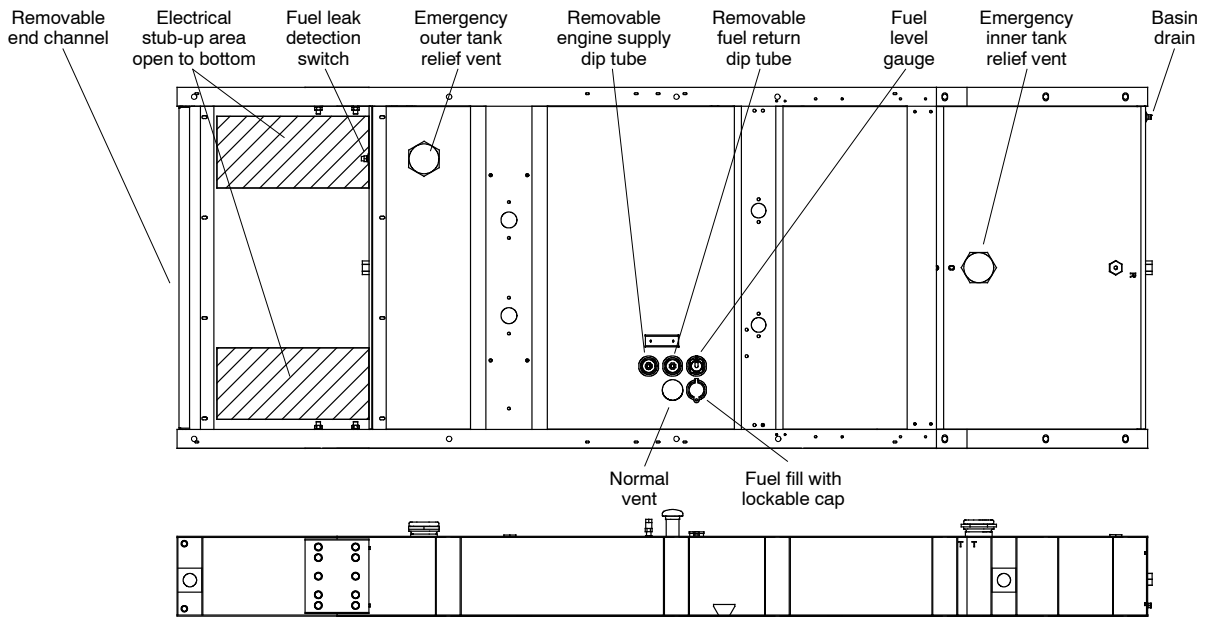
- ❑ **Battery Charger with Alarms.** Mounted and wired.

Block Heater Wiring. Prewiring of AC input when optional BEP is selected.

- ❑ Heater available in single phase 90- 120 VAC
- ❑ Heater available in single phase 208- 240 VAC

- ❑ **Remote Emergency Stop Switch.** Externally mounted, recessed emergency stop switch.

Subbase Fuel Tank



Note: Sample standard tank model shown, other tank models are similar.

ADV-8045A-

Standard Subbase Fuel Tank Features

- Extended operation. Optional tank capacities for multiple hour requirements.
- 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 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 Subbase Fuel Tank Options

Bottom Clearance/Coating

❑ 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-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, Florida Dept. of Environmental Protection (FDEP) File No. EQ-682 approved

❑ Three-alarm fuel tank panel

❑ Three-alarm fuel tank panel, 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 Option

❑ 100% engine fluid containment

Freestanding Stairs

❑ Stairs only, single door access

❑ Stairs with platform, single door access

❑ Stairs with catwalk, 2 door access, door length only

❑ Stairs with catwalk, 2 door access, full length of enclosure

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load	350REOZJ					Fuel Tank Height, mm (in.)	Enclosure Sound Pressure Levels, dB(A) †
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		
Weather Enclosure and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5077 (11193)	4524 (9974)	0 (0)	92
1508 (398)	12	5030 (198)		2804 (110)	6147 (13635)	5594 (12416)	381 (15)	
2905 (767)	24			3083 (121)	6450 (14221)	5897 (13002)	660 (26)	
4298 (1135)	36			3337 (131)	6697 (14764)	6144 (13545)	914 (36)	
4975 (1314)	48	5627 (222)			6904 (15222)	6351 (14003)		
Weather Enclosure and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6303 (13896)	5750 (12677)	381 (15)	92
2930 (774)	24			3007 (118)	6579 (14504)	6026 (13285)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7103 (15659)	6550 (14440)	660 (26)	
5046 (1333)	48			3134 (123)	7187 (15845)	6634 (14626)	711 (28)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8576 (18906)	8023 (17687)	914 (36)	
Sound Enclosure (Level 1) and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5113 (11273)	4561 (10054)	0 (0)	81
1508 (398)	12	5030 (198)		2804 (110)	6183 (13715)	5631 (12496)	381 (15)	
2905 (767)	24			3083 (121)	6486 (14301)	5934 (13082)	660 (26)	
4298 (1135)	36			3337 (131)	6733 (14844)	6181 (13625)	914 (36)	
4975 (1314)	48	5627 (222)			6940 (15302)	6388 (14083)		
Sound Enclosure (Level 1) and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6339 (13976)	5787 (12757)	381 (15)	81
2930 (774)	24			3007 (118)	6615 (14584)	6063 (13365)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7139 (15739)	6587 (14520)	660 (26)	
5046 (1333)	48			3134 (123)	7223 (15925)	6671 (14706)	711 (28)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8612 (18986)	8060 (17767)	914 (36)	
Sound Enclosure (Level 2) and Standard Subbase Fuel Tank								
No Tank	0	5029 (198)	1779 (70)	2423 (95)	5227 (11523)	4669 (10294)	0 (0)	74
1508 (398)	12	5030 (198)		2804 (110)	6297 (13965)	5739 (12736)	381 (15)	
2905 (767)	24			3083 (121)	6600 (14551)	6042 (13322)	660 (26)	
4298 (1135)	36			3337 (131)	6847 (15094)	6289 (13865)	914 (36)	
4975 (1314)	48	5627 (222)			7054 (15552)	6496 (14323)		
Sound Enclosure (Level 2) and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6453 (14226)	5895 (12997)	381 (15)	74
2930 (774)	24			3007 (118)	6729 (14834)	6171 (13605)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7253 (15989)	6695 (14760)	660 (26)	
5046 (1333)	48			3134 (123)	7337 (16175)	6779 (14946)	711 (28)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8726 (19236)	8168 (18007)	914 (36)	

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, silencer, and tank (no fuel).

† 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.

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load	400REOZJ					Fuel Tank Height, mm (in.)	Enclosure Sound Pressure Levels, dB(A) †
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		
Weather Enclosure and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5077 (11193)	4524 (9974)	0 (0)	92
1508 (398)	12	5030 (198)		2804 (110)	6147 (13635)	5594 (12416)	381 (15)	
2905 (767)	24			3083 (121)	6450 (14221)	5897 (13002)	660 (26)	
4298 (1135)	36			3337 (131)	6697 (14764)	6144 (13545)	914 (36)	
5767 (1523)	48	6237 (246)			7081 (15612)	6528 (14393)		
Weather Enclosure and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6303 (13896)	5750 (12677)	381 (15)	92
2930 (774)	24			3007 (118)	6579 (14504)	6026 (13285)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7103 (15659)	6550 (14440)	660 (26)	
5767 (1523)	48			3236 (127)	7303 (16104)	6750 (14885)	813 (32)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8576 (18906)	8023 (17687)	914 (36)	
Sound Enclosure (Level 1) and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5113 (11273)	4561 (10054)	0 (0)	82
1508 (398)	12	5030 (198)		2804 (110)	6183 (13715)	5631 (12496)	381 (15)	
2905 (767)	24			3083 (121)	6486 (14301)	5934 (13082)	660 (26)	
4298 (1135)	36			3337 (131)	6733 (14844)	6181 (13625)	914 (36)	
5767 (1523)	48	6237 (246)			7117 (15692)	6565 (14473)		
Sound Enclosure (Level 1) and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6339 (13976)	5787 (12757)	381 (15)	82
2930 (774)	24			3007 (118)	6615 (14584)	6063 (13365)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7139 (15739)	6587 (14520)	660 (26)	
5767 (1523)	48			3236 (127)	7339 (16184)	6787 (14965)	813 (32)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8612 (18986)	8060 (17767)	914 (36)	
Sound Enclosure (Level 2) and Standard Subbase Fuel Tank								
No Tank	0	5029 (198)	1779 (70)	2423 (95)	5227 (11523)	4669 (10294)	0 (0)	75
1508 (398)	12	5030 (198)		2804 (110)	6297 (13965)	5739 (12736)	381 (15)	
2905 (767)	24			3083 (121)	6600 (14551)	6042 (13322)	660 (26)	
4298 (1135)	36			3337 (131)	6847 (15094)	6289 (13865)	914 (36)	
5767 (1523)	48	6237 (246)			7231 (15942)	6673 (14713)		
Sound Enclosure (Level 2) and State Subbase Fuel Tank								
1532 (404)	12	5830 (230)	1779 (70)	2804 (110)	6453 (14226)	5895 (12997)	381 (15)	75
2930 (774)	24			3007 (118)	6729 (14834)	6171 (13605)	584 (23)	
4395 (1161)	36	7634 (301)		3083 (121)	7253 (15989)	6695 (14760)	660 (26)	
5767 (1523)	48			3236 (127)	7453 (16434)	6895 (15205)	813 (32)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8726 (19236)	8168 (18007)	914 (36)	

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, silencer, and tank (no fuel).

† 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.

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KOHLERPower.com

Fuel Tank Capacity, L (gal.)	Est. Fuel Supply Hours at 60 Hz with Full Load	500REOZJ					Fuel Tank Height, mm (in.)	Enclosure Sound Pressure Levels, dB(A) †
		Max. Dimensions, mm (in.)			Max. Weight, kg (lb.) *			
		Length	Width	Height	With Steel Enclosure	With Aluminum Enclosure		
Weather Enclosure and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5077 (11193)	4524 (9974)	0 (0)	92
1734 (458)	12	5030 (198)		2855 (112)	6231 (13736)	5678 (12517)	432 (17)	
3347 (884)	24			3210 (126)	6554 (14450)	6001 (13231)	787 (31)	
5767 (1523)	36	6237 (246)		3337 (131)	7081 (15612)	6529 (14393)	914 (36)	
6659 (1759)	48	6923 (273)			7323 (16144)	6770 (14925)		
Weather Enclosure and State Subbase Fuel Tank								
1771 (468)	12	5830 (230)	1779 (70)	2804 (110)	6378 (14062)	5825 (12843)	381 (15)	92
3385 (894)	24			3083 (121)	6657 (14676)	6104 (13457)	660 (26)	
5767 (1523)	36	7634 (301)		3236 (127)	7305 (16104)	6752 (14885)	813 (32)	
6675 (1763)	48			3337 (131)	7438 (16397)	6885 (15178)	914 (36)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8576 (18906)	8023 (17687)		
Sound Enclosure (Level 1) and Standard Subbase Fuel Tank								
No Tank	0	4801 (189)	1779 (70)	2423 (95)	5113 (11273)	4560 (10054)	0 (0)	84
1734 (458)	12	5030 (198)		2855 (112)	6267 (13816)	5714 (12597)	432 (17)	
3347 (884)	24			3210 (126)	6591 (14530)	6038 (13311)	787 (31)	
5767 (1523)	36	6237 (246)		3337 (131)	7118 (15692)	6565 (14473)	914 (36)	
6659 (1759)	48	6923 (273)			7359 (16224)	6806 (15005)		
Sound Enclosure (Level 1) and State Subbase Fuel Tank								
1771 (468)	12	5830 (230)	1779 (70)	2804 (110)	6415 (14142)	5862 (12923)	381 (15)	84
3385 (894)	24			3083 (121)	6693 (14756)	6140 (13537)	660 (26)	
5767 (1523)	36	7634 (301)		3236 (127)	7341 (16184)	6788 (14965)	813 (32)	
6675 (1763)	48			3337 (131)	7474 (16477)	6921 (15258)	914 (36)	
10009 (2644)	72	6731 (265)	2591 (102)	3499 (138)	8612 (18986)	8059 (17767)		
Sound Enclosure (Level 2) and Standard Subbase Fuel Tank								
No Tank	0	5029 (198)	1779 (70)	2423 (95)	5227 (11523)	4669 (10294)	0 (0)	76
1734 (458)	12	5030 (198)		2855 (112)	6380 (14066)	5823 (12837)	432 (17)	
3347 (884)	24			3210 (126)	6704 (14780)	6147 (13551)	787 (31)	
5767 (1523)	36	6237 (246)		3337 (131)	7231 (15942)	6674 (14713)	914 (36)	
6659 (1759)	48	6923 (273)			7472 (16474)	6915 (15245)		
Sound Enclosure (Level 2) and State Subbase Fuel Tank								
1771 (468)	12	5830 (230)	1779 (70)	2894 (110)	6528 (14392)	5971 (13163)	381 (15)	76
3385 (894)	24			3083 (121)	6807 (15006)	6249 (13777)	660 (26)	
5767 (1523)	36	7634 (301)		3236 (127)	7454 (16434)	6897 (15205)	813 (32)	
6675 (1763)	48			3328 (131)	7587 (16727)	7030 (15498)	914 (36)	
10009 (2644)	72	6731 (265)	2591 (102)	3492 (137)	8725 (19236)	8168 (18007)		

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, silencer, and tank (no fuel).
† 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.

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