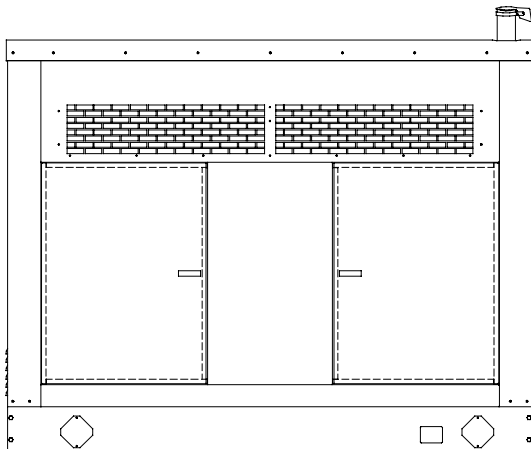




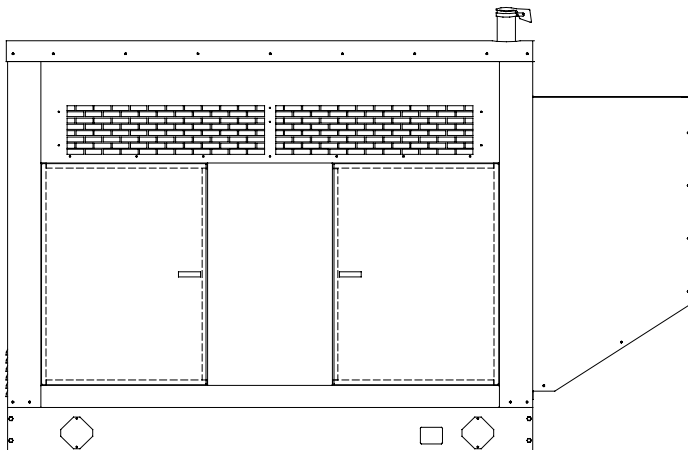
Applicable to the following:  
**80-275REOZJD**



**Weather Enclosure**

**Weather Enclosure Standard Features**

- Critical silencer, flexible exhaust connector, and rain cap.
- Skid-mounted, steel construction with hinged and removable doors. Steel or aluminum construction available on 80/100 kW models only.
- Fade-, scratch-, and corrosion-resistant Kohler® cream beige powder-baked finish.
- Lockable, flush-mounted door latches.
- Air inlet louvers and damper reduce rain and snow entry.
- High wind bracing, 241 kph (150 mph).

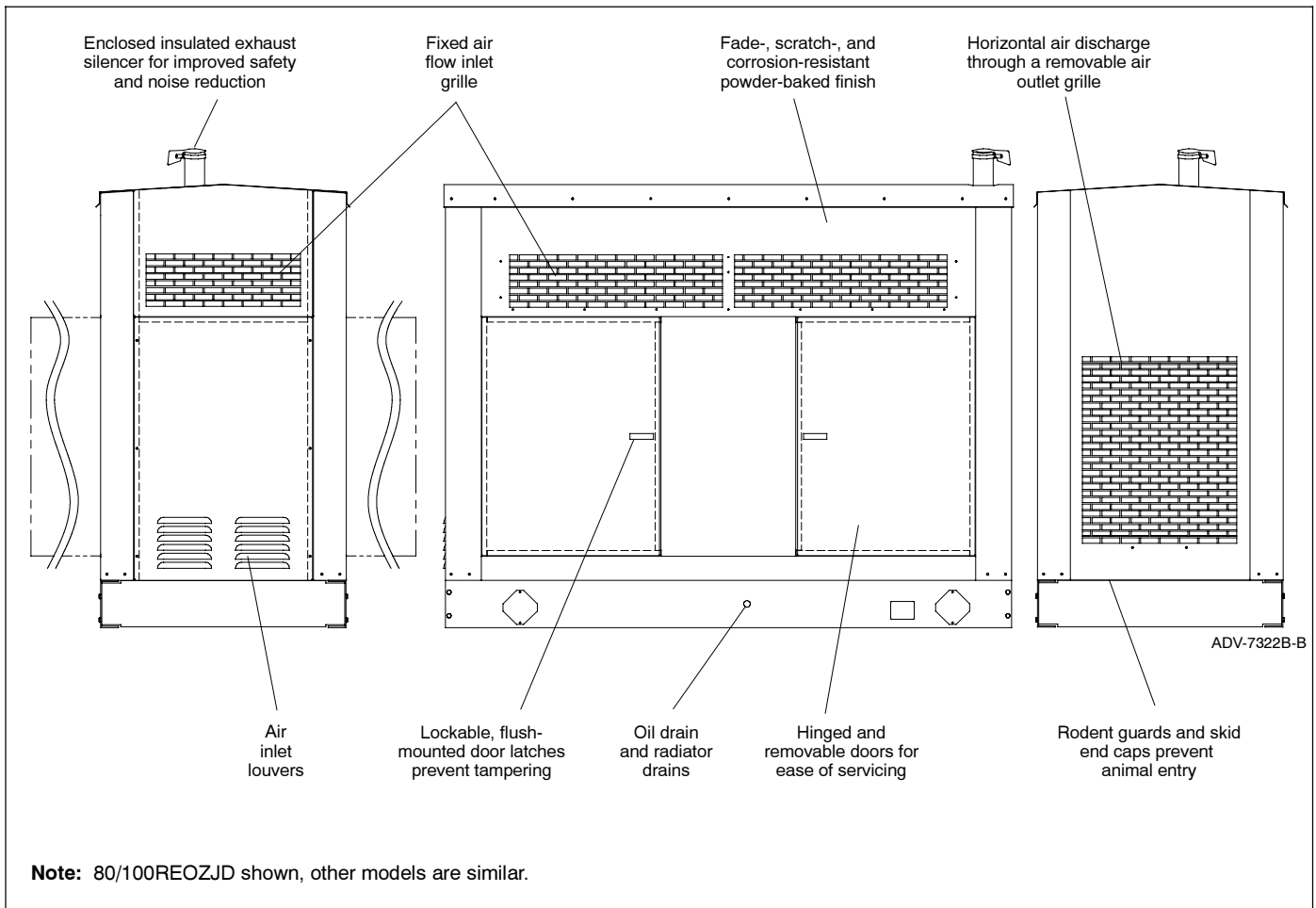


**Sound Enclosure**

**Sound Enclosure Standard Features**

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

## Weather Enclosure



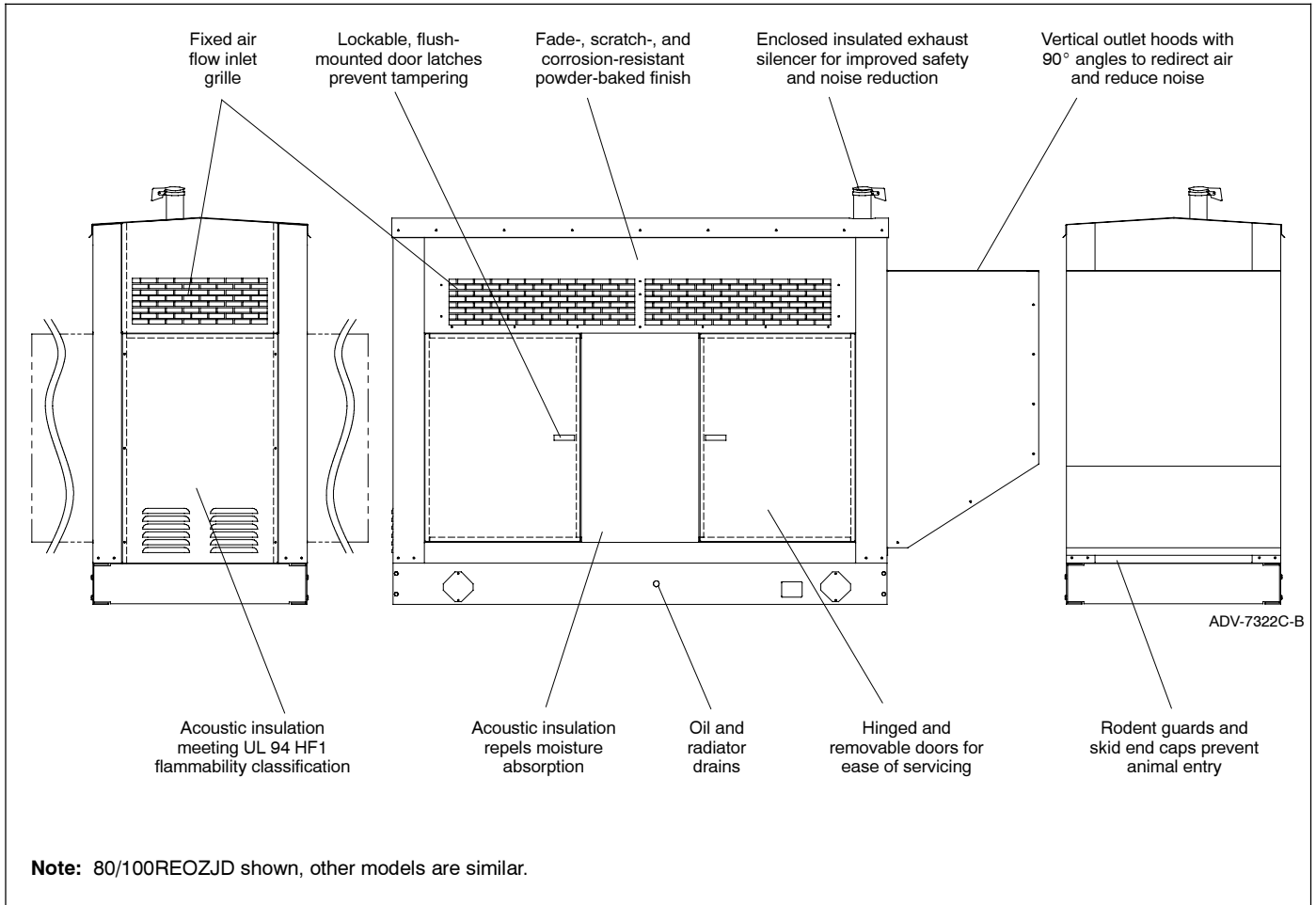
### Weather Enclosure Features

- Available in steel-formed panel, solid construction. Preassembled package offering dent resilient structure mounting directly to skid.
- Powder-baked paint. Superior finish, durability, and appearance.
- Internal critical 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 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 through a removable punched air outlet grille.

### Weather Enclosure Options

- Aluminum construction, 80/100REOZJD models only.
- Upfit kit for sound.

## Sound Enclosure



### Sound Enclosure Features

- Available in steel-formed panel, solid construction. Preassembled package offering dent resilient structure mounting directly to skid.
- Powder-baked paint. Superior finish, durability, and appearance.
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design.
- Internal critical 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 oil fill and battery.
- Cooling/combustion air intake. Weather protective designs using fixed air inlet louvers sized for maximum cooling airflow.
- Cooling air discharge. Attenuated models offering 90° vertical air outlet hood. Redirects cooling air up and above enclosures to reduce noise ambient.

### Sound Enclosure Options

- Aluminum construction, 80/100REOZJD models only.

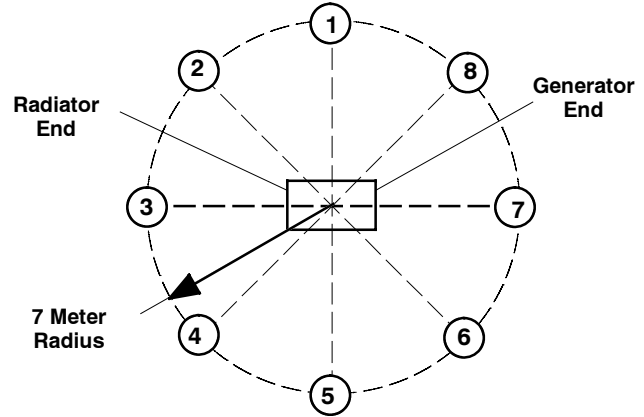
## Sound Enclosure Data

### Sound Data for Generator Sets Operating Inside a Sound Enclosure

#### Measurement Positions and Distances for Data

Microphone Positions: (1-8) as shown  
 Microphone Distance: 7 m (23 ft.)  
 (from center of enclosure)  
 Microphone Height: 1 m (3.28 ft.)  
 Data Measured in: dB(A), sound pressure  
 (Re: 20 $\mu$ Pa)

**Note:** Measurements taken with the generator set  
operating at full load.



### Sound Data in dB(A)

Model	Microphone Positions								Average	Log Average
	1	2	3	4	5	6	7	8		
80REOZJD	74.0	74.0	76.0	75.0	75.0	76.0	75.0	75.0	75.0	75.1
100REOZJD	74.0	75.0	76.0	76.0	74.0	75.0	75.0	75.0	75.0	75.1
125REOZJD	73.6	75.9	73.9	73.3	73.2	74.5	74.5	74.0	74.1	74.2
150REOZJD	74.2	75.3	74.3	73.6	74.0	75.0	75.0	75.2	74.6	74.6
180REOZJD	73.4	73.0	72.5	73.0	74.0	74.2	75.2	74.7	73.8	73.8
200REOZJD	73.0	73.0	72.8	73.0	74.1	74.4	75.5	75.4	73.9	74.0
230REOZJD	71.3	73.8	72.0	74.1	73.5	72.1	73.1	73.2	72.9	73.0
250REOZJD	71.9	74.3	71.9	74.0	73.8	72.6	73.6	73.7	73.2	73.3
275REOZJD	71.7	74.1	71.9	74.1	73.6	72.5	73.9	73.6	73.2	73.3

## Enclosure Specifications

Weather Enclosure						
Model	Alternator	Dimensions, mm (in.)			Weight (Steel), kg (lb.)	
		Length	Width	Height	Generator Set (wet) with Enclosure	Weather Enclosure Only
80REOZJD	4S7	2400 (94.3)	1040 (40.9)	2028 (79.7)	1409 (3106)	354 (780)
80REOZJD	4S9, 4V9				1479 (3260)	
100REOZJD	4S9	2400 (94.3)	1040 (40.9)	2028 (79.7)	1479 (3260)	354 (780)
100REOZJD	4S11, 4V11				1588 (3500)	
125REOZJD	All	2800 (110.2)	1040 (40.9)	2374 (93.5)	1846 (4070)	417 (920)
150REOZJD	All	2800 (110.2)	1040 (40.9)	2374 (93.5)	1846 (4070)	417 (920)
180REOZJD	All	2975 (117.0)	1250 (49.2)	2449 (96.4)	2336 (5150)	413 (910)
200REOZJD	All	2975 (117.0)	1250 (49.2)	2449 (96.4)	2336 (5150)	413 (910)
230REOZJD	4UA9	3100 (122.0)	1250 (49.2)	2459 (96.8)	2749 (6060)	481 (1060)
230REOZJD	4UA13				2930 (6460)	
250REOZJD	4UA10	3100 (122.0)	1250 (49.2)	2459 (96.8)	2794 (6160)	481 (1060)
250REOZJD	4UA13				2930 (6460)	
275REOZJD	4UA10	3100 (122.0)	1250 (49.2)	2459 (96.8)	2794 (6160)	481 (1060)
275REOZJD	4UA13				2930 (6460)	

Sound Enclosure						
Model	Alternator	Dimensions, mm (in.)			Weight (Steel), kg (lb.)	
		Length	Width	Height	Generator Set (wet) with Enclosure	Sound Enclosure Only
80REOZJD	4S7	3137 (123.3)	1040 (40.9)	2028 (79.7)	1468 (3236)	413 (910)
80REOZJD	4S9, 4V9				1538 (3390)	
100REOZJD	4S9	3137 (123.3)	1040 (40.9)	2028 (79.7)	1538 (3390)	413 (910)
100REOZJD	4S11, 4V11				1647 (3630)	
125REOZJD	All	3589 (141.3)	1040 (40.9)	2374 (93.5)	1996 (4400)	567 (1250)
150REOZJD	All	3589 (141.3)	1040 (40.9)	2374 (93.5)	1996 (4400)	567 (1250)
180REOZJD	All	3764 (148.2)	1250 (49.2)	2449 (96.4)	2536 (5590)	612 (1350)
200REOZJD	All	3764 (148.2)	1250 (49.2)	2449 (96.4)	2536 (5590)	612 (1350)
230REOZJD	4UA9	3889 (153.1)	1250 (49.2)	2459 (96.8)	2948 (6500)	680 (1500)
230REOZJD	4UA13				3130 (6900)	
250REOZJD	4UA10	3889 (153.1)	1250 (49.2)	2459 (96.8)	2994 (6600)	680 (1500)
250REOZJD	4UA13				3130 (6900)	
275REOZJD	4UA10	3889 (153.1)	1250 (49.2)	2459 (96.8)	2994 (6600)	680 (1500)
275REOZJD	4UA13				3130 (6900)	

**Note:** Weights shown are for steel enclosures.

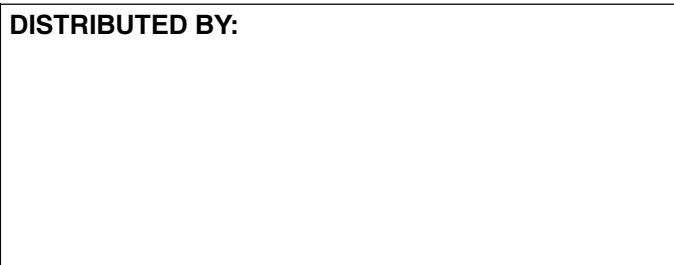
**Note:** Refer to the respective ADV drawings for details.

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