



Sound Pressure Levels @ 7 meters dB(A)

Configuration		Position (Note 1)								8 Position Average
		1	2	3	4	5	6	7	8	
Standard-Unhoused (Note 3)	Infinite Exhaust	70.7	73	73	72.7	72.1	72.8	72.6	74.2	72.7
F216 – Weather w/ Exhaust Silencer		79.8	80.4	80.2	78.6	78.3	77.1	76.7	79.9	79.1
F217 – Quite Site II Second Stage		67.1	66.9	67.4	67	68	65.8	66	68.5	67

Note:

1. Position 1 faces the engine front at 23 feet (7 m) from the surface of the generator set. The positions proceed around the generator set in a counter-clockwise direction in 45° increments.
2. Data based on full rated load with standard radiator-fan package.
3. Sound data for generator set with infinite exhaust do not include exhaust noise.
4. Sound pressure levels per ANSI S1.13-1971 as applicable.
5. Reference sound pressure is 10 μPa.
6. Sound pressure levels are subject to instrumentation, measurement, installation and generator set variability.
7. Sound data with remote-cooled sets are based on rated loads without fan noise.

Sound Power Levels dB(A)

Configuration		Octave Band Center Frequency (Hz)								Sound Power Level
		63	125	250	500	1000	2000	4000	8000	
Standard-Unhoused (Note 3)	Infinite Exhaust	63.9	78.0	89.3	91.8	94.6	93.3	90.3	89.7	99.8
F216 – Weather w/ Exhaust Silencer		90.3	102.8	102.3	97.6	96.8	95.9	93.6	89.0	107.4
F217 – Quite Site II Second Stage		87.8	80.5	85.7	84.7	84.8	84.4	83.7	83.1	93.8

Note:

1. Sound pressure levels per ANSI S12.34-1988 and SIO 3744 as applicable.
2. Data based on full rated load with standard radiator-fan package.
3. Sound data for generator set with infinite exhaust do not include exhaust noise.
4. Reference sound pressure is 1pW-1x10⁻¹² W.
5. Sound pressure levels are subject to instrumentation, measurement, installation and generator set variability.
6. Sound data with remote-cooled sets are based on rated loads without fan noise.

Exhaust Sound Pressure Levels @ 1 meter dB(A)

Open Exhaust (No Muffler) @ Rated Load	Octave Band Center Frequency (Hz)								Sound Pressure Level
	63	125	250	500	1000	2000	4000	8000	
	82.48	96.87	99.62	103.6	101.0	101.2	101.8	97.9	109

Note: Sound pressure level per ISO 6798 Annex A as applicable.