



Sound pressure level @ 7 meters, dB(A)

See notes 1-6 listed below

Configuration		Position (note 1)								8 position average
		1	2	3	4	5	6	7	8	
F217-2 – sound attenuated level 2	Mounted	61.9	63.7	61.9	62.3	60.7	61.2	59.9	63.8	62.1
F231-2 – sound attenuated level 1	Mounted	69.1	66.3	62.9	61.9	59.6	61.5	60.5	67.1	64.9
Standard – unhoused	Infinite exhaust	77.3	74.7	73.5	74.3	70.8	74.3	74.0	73.4	74.4

Sound power level, dB(A)

See notes 2-4, 7, 8 listed below

Configuration		Octave band center frequency (Hz)									Overall sound power level
		31.5	63	125	250	500	1000	2000	4000	8000	
F217-2 – sound attenuated level 2	Mounted	52	75.2	76.6	85.7	82.6	81	78.5	78.6	76.2	89.7
F231-2 – sound attenuated level 1	Mounted	50.9	75.3	75.5	85.7	83.3	82.4	80.9	85.6	77.9	91.4

Exhaust sound power level, dB(A)

See notes 2, 9 listed below

Open exhaust (no muffler) @ rated load	Octave band center frequency (Hz)									Overall sound power level
	31.5	63	125	250	500	1000	2000	4000	8000	
		37.0	78.9	91.8	102.5	99.9	103.8	104.6	99.3	98.3

Note:

1. Position 1 faces the generator front per ISO 8528-10. The positions proceed around the generator set in a counter-clockwise direction in 45° increments. All position are at 7 m (23 ft) from surface of the generator set and 1.2 m (48 in.) from floor level.
2. Sound levels are subject to instrumentation, measurement, installation and manufacturing variability.
3. Data based on full rated load.
4. Sound data with generator sets with infinite exhaust do not include exhaust noise.
5. Sound pressure levels are measured per ANSI S1.13 and ANSI S12.18, as applicable.
6. Reference sound pressure is 20 µPa.
7. Sound power levels per ISO 3744 and ISO 8528-10, as applicable.
8. Reference power = 1 pw (10⁻¹²W).
9. Exhaust sound power levels are per ISO 6798, as applicable.