

Appendix A. Manufacturer-Provided Equipment Noise Levels

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Sound Power Level (SWL) by Octave Band, dBL (1 picowatt)

Noise Source	Type	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Inlet Filter Face	SWL	111	103	99	88	84	84	95	101	92
Inlet Air Duct	SWL	105	98	100	101	96	85	100	95	68
Inlet Plenum	SWL	101	98	97	92	94	97	97	94	88
CT Generator	SWL	99	104	107	96	102	99	100	94	84
CT Load Compartment	SWL	87	93	93	87	87	93	94	88	78
CT Turbine Compartment	SWL	106	103	101	95	96	97	100	106	94
CT Exhaust Diffuser	SWL	106	113	97	93	87	84	86	88	75
CT Compartment Vent Fans	SWL	102	102	110	101	98	95	94	98	95
Exhaust Stack	SWL	129	125	125	125	122	116	100	79	69
Lube Oil Module	SWL	101	102	99	98	97	96	96	97	88

CT = combustion turbine