

Airborne Noise Emissions

Equivalent continuous A-weighted sound pressure values have been measured for the pumps listed below. These were measured at a distance of one meter from the surface of the pump at a height of 1.6 meters from the floor. This is the position of maximum sound pressure. All measurements were taken operating the pump at maximum drive speed and zero pounds per square inch differential pressure, circulating a hydrocarbon based fluid.

Pump Model	Driven Speed (RPM)	dB(A)
EG-1Z	3600	88
EC-HZ	3600	86
MC-1	3600	83
GC-1	3600	83
DW-1Z	3600	89
DW-HZ	3600	87
SQ-1	1800	80
SQ-H	1800	81
SQ-HH	1800	84
SQ-HH8	1200	84
MC-1044	1800	84
MC-1044H	1800	85
MC-1044Q	1800	78
MC-2	1800	84
MC-2H	1500	85
MC-2Q	1800	79
MC-3	1800	88
MC-3H	1500	89
ATC-3R/L	1800	88
MC-4	1800	92
MC-4H	1500	93
MC-5	1800	93
MC-5H	1500	94
MCAT-2R/L	1000	81
MCAT-3R/L	1000	82
TC-2	500	84
TC-3	500	88
TC-1044H	900	85

Sound pressure values are decreased dramatically by operating the pump at slower than maximum drive speeds. Sound pressure levels are not expected to rise dramatically as the pump develops differential pressure.

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