

Acoustic/Sound Spectrum Data (50Hz)

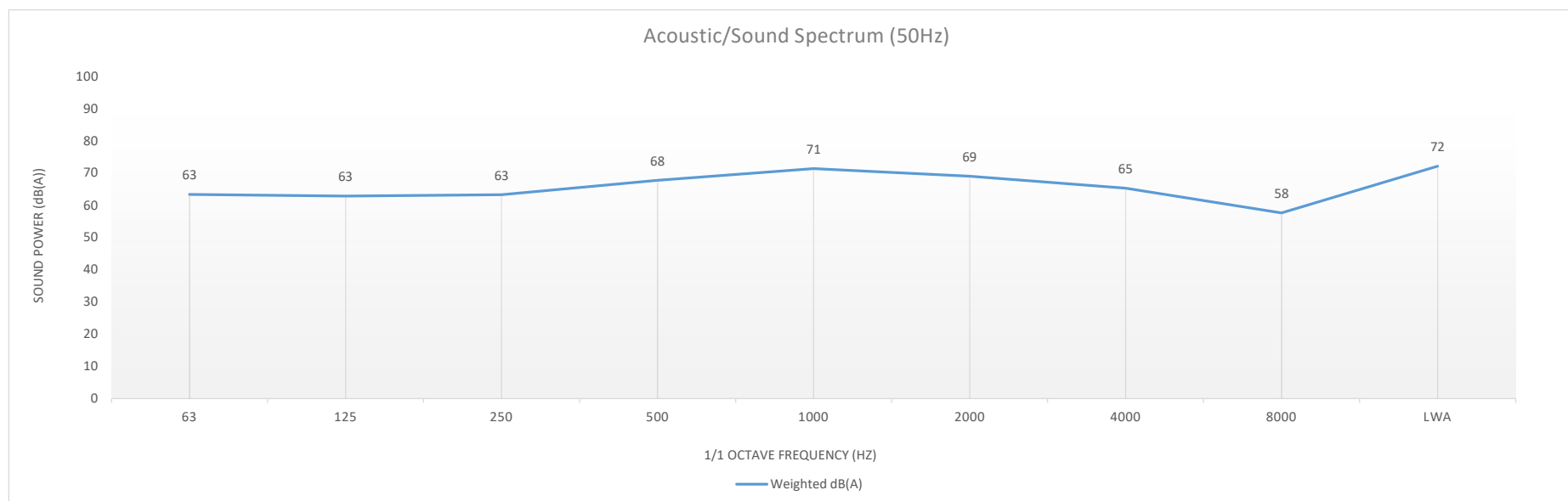


Condensing unit Model	:	OP-UPAC015COP04E	Condensing Unit Code	:	114X6003
Housing	:	-	Compressor	:	CO2
Electrical code	:	Compressor 400V/3~/50Hz, Fan 230V/1~/50Hz	Number of Fans	:	2
Document No	:	118A5274	Revision	:	A

Model	Sound Power Spectrum	Sound Power Spectrum, 1/1 Octave									
		63	125	250	500	1000	2000	4000	8000	16k	L _{WA}
OP-UPAC015COP04E	1/1 Octave dB(A)	63	63	63	68	71	69	65	58	-	72

EN13215 Conditions - MBP				
Evaporation temperature (°C)	Ambient temperature (°C)	Superheat (K)	Compressor speed (rps)	Fan Speed (rps)
-10	32	10	104	2 fans x 16.67

Calculated Sound Pressure (Free Field) (dB(A))			
Distance (in Meters)	1m	3m	10m
Sound Pressure (dB(A))	62	52.5	42



Acoustic spectrum data are calculated and validated at addition of sound power levels of compressor and fan motor at full speed according to EN13215 conditions. As compressor and fan motor are placed in a packaged unit, effect of noise reduction due to enclosure and insulation was considered for evaluation of sound power. The values are declared according to EN13215 at MBP conditions at full speed of compressor (104 rps) and full speed of fan motors (2 fans X 16.67 rps).

Subject to change without prior information, Please check Coolselector 2 / Product store for updated information.

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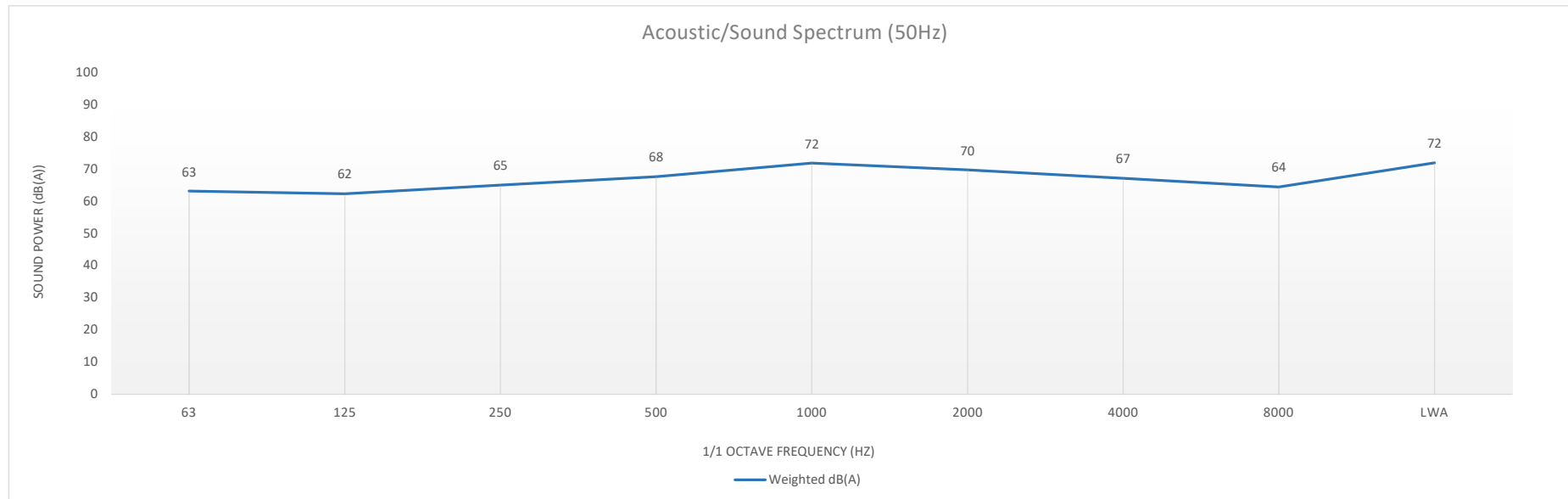


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OP-UPAC015COP04E	1/1 Octave dB(A)	63	62	65	68	72	70	67	64	-	72

EN13215 Conditions - LBP				
Evaporation temperature (°C)	Ambient temperature (°C)	Superheat (K)	Compressor speed (rps)	Fan Speed (rps)
-35	32	10	104	2 fans x 16.67

Calculated Sound Pressure (Free Field) (dB(A))			
Distance (in Meters)	1m	3m	10m
Sound Pressure (dB(A))	62	52.1	42



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