

B & D REFRIGERATION SERVICES

Industrial & Commercial Refrigeration, Specialists in Potato Storage

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Mr J. Ellis
A. G. Ellis & Son
Grange Farm
Fishergate
Sutton St. James
Spalding
Lincs

11th September 2023

Re: Sound Levels

Dear Sir,

Please find details of equipment for your new potato store.

Evaporator – to be positioned inside the store at the rear, this floor mounted unit will have two 900mm diameter fans installed complete with silencers before and after the fans, we have also designed these fans to run at a lower speed to our standard units to further reduce the sound levels.

Projected maximum sound level from this unit would be 55dB(A) @ 10m 90° directivity (ISO1680)

Please note this unit is positioned inside the building and as such would emit outside the building a lower sound level.

Air Cooled Condensing Units – To be positioned at the south east corner of the building with the main yard. We have selected to use units that have acoustic lined compressor compartments to reduce the noise emitted.

Projected maximum sound level from these units would be 47 dB(A)@ 10m @80Hz compressor speed

Yours Faithfully

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