

Michael Hardy - 11, Foil Close

MCS 020(a) - Manual Sound Calculator

Assessment Details

Heat pump model is Cosy9 and it is 10.541 metres from the assessment window. There are 2 Reflecting Surfaces including the floor and it is Not seen.
The assessment position is one metre perpendicular to the centre of the closest habitable room.

Step	Instructions	MCS contractor results/notes
1	Assesment date	30/05/2025
2	Assessment position Closest first floor rear window of neighbour to the left when looking from the rear of the property.	
3	A-weighted sound power level of the heat pump dB(A)	58
4a	Determine the directivity 'Q' of the heat pump noise.	Q4
4b	Measure the distance from the heat pump to the assessment position in metres	10.541
5	Determination of barrier correction - select barrier type	No barrier
6	Determination of barrier correction - select line of sight	Not seen
7	Calculate Sound Pressure Level	32.6
8	Final Result?	Pass