

CB9 7HW

MCS 020(a) - Manual Sound Calculator

Assessment Details

Heat pump model is Cosy6 and it is 5.12 metres from the assessment window. There are 3 Reflecting Surfaces including the floor and it is Fully seen.
The assessment position is one metre perpendicular to the centre of the closest habitable room.

Heat Pump	Cosy6
Distance in m	5
Barrier	Fence <18...
Visibility	Fully seen
Opposing Surfaces	2
Outcome	41.9
Result	Fail - Planning Required

Step	Instructions		MCS contractor results/notes
1	Assesment date		15/06/2026
2	Assessment position	Description of assessment position:first floor window of neighbour to the left when looking at 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.		Q8
4b	Measure the distance from the heat pump to the assessment position in metres		5
5	Determination of barrier correction - select barrier type		Fence <18mm
6	Determination of barrier correction - select line of sight		Fully seen
7	Calculate Sound Pressure Level		41.9
8	Final Result?		Fail

