

RH20 2AX

MCS 020(a) - Manual Sound Calculator

Assessment Details

Heat pump model is Cosy9 and it is 2.447 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.

Heat Pump	Cosy9
Distance in m	2
Barrier	Fence <18...
Visibility	Not seen
Opposing Surfaces	1
Outcome	39.3
Result	Fail - Planning Required

Step	Instructions		MCS contractor results/notes
1	Assesment date		27/04/2026
2	Assessment position	Description of assessment position:ground 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)		57
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		2
5	Determination of barrier correction - select barrier type		Fence <18mm
6	Determination of barrier correction - select line of sight		Not seen
7	Calculate Sound Pressure Level		39.3
8	Final Result?		Fail

