

Peter Rutter SN12 7GZ

MCS 020(a) - Manual Sound Calculator

Assessment Details

Heat pump model is EDLA04E2V3 and it is 6.27 metres from the assessment window. There are 2 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.

Step	Instructions		MCS contractor results/notes
1	Assesment date		08/12/2025
2	Assessment position	Assessment window(s); window on rear elevation of dwelling No.6 Gladstone road	
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		6.27
5	Determination of barrier correction - select barrier type		solid wall
6	Determination of barrier correction - select line of sight		Fully seen
7	Calculate Sound Pressure Level		37.1
8	Final Result?		Fail