BD19 3NW

MCS 020(a) - Manual Sound Calculator

Heat Pump	Cosy9
Distance in m	5.345
Barrier	No barrier
Visibility	Fully seen
Opposing Surfaces	1
Outcome	37.5
Result	Fail - Planning Required

Assessment Details

Heat pump model is Cosy9 and it is 5.345 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**		**09/01/2026**
2	**Assessment position**	Description of assessment position e.g. First floor window of neighbour to the right when looking at the front 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**		**5.345**
5	**Determination of barrier correction - select barrier type**		**No barrier**
6	**Determination of barrier correction - select line of sight**		**Fully seen**
7	**Calculate Sound Pressure Level**		**37.5**
8	**Final Result?**		**Fail**



