NK

MCS 020(a) - Manual Sound Calculator

Heat Pump	Cosy6
Distance in m	16.422
Barrier	No barrier
Visibility	Fully seen
Opposing Surfaces (not including floor)	1
Outcome	**28.7**
Result	**Pass**

Assessment Details

Heat pump model is Cosy6 and it is 16.422 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	
1	**Assesment date**		Sept 26	
2	**Assessment position**	Closest ground floor window to the left when looking at the rear of the property		
3	**A-weighted sound power level of the heat pump dB(A)**		**58**	No longer requesting highest published spl
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**		**16.422**	
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**		**28.7**	
8	**Final Result lower than 37dB?**		**Pass**	



