

# Richard Fitzsimmons - 19 Parwich Walk, Dodworth, Barnsley, S75 3FB

## MCS 020(a) - Heat Pump Sound Calculator

### Assessment Details

Heat pump model is EDLA04E2V3 and it is 7.5 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	Assessment Date	11/02/2026
2	Assessment Position	First Floor window of No21 Parwich Walk, rear elevation, looking left
3	A-weighted sound power level of the heat pump dBA	58.0
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	7.5
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	35.6
8	Final Result?	Pass

Final Sound Pressure Level: 35.6 dB(A) - COMPLIANT

This assessment follows the MCS 020 planning standard for heat pumps.  
Maximum permitted sound level at assessment position: 37 dB(A)

# Annotated Planning Application Photo



rear elevation (north facing) as proposed 1:50