## Kathleen Hodgson - 8, The Paddocks PE28 9QT

# MCS 020(a) - Manual Sound Calculator

### Assessment Details

Heat pump model is EDLA16DA3V3 and it is 8 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** | | **10/06/2025** |
| 2 | **Assessment position** | Assessment windows at Tyto House, first floor level, as shown in picture below | |
| |  | | |
| 3 | **A-weighted sound power level of the heat pump dB(A)** | | **62** |
| 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** | | **8** |
| 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** | | **39.0** |
| 8 | **Final Result?** | | **Fail** |