



MCS Air Source Heat Pump Sound Calculator

This spreadsheet provides a calculation tool for carrying out the sound calculations required by MCS 020 a) "Air Source Heat Pump Calculation (For Permitted Development Installations)" and this document should be read prior to using this calculation tool.

MCS welcomes any suggestions for improvement or notification of errors. Please submit feedback to feedback@mcscertified.com

Please note the following:

- 1) The spreadsheet is locked and data can only be entered into editable cells. Some cells require a value input and others selection from a drop down list.
- 2) The "single heat pump" tab allows calculations in up to four assessment positions concurrently.
- 3) The "two heat pumps" tab allows calculations in up to four assessment positions concurrently that are impacted by both heat pumps.
- 4) The "four heat pumps" tab allows calculations in one assessment position that are impacted by up to four heat pumps. Please note this is outside the scope of MCS 020 a).

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