

## PROJECT INFORMATION

|          |                   |
|----------|-------------------|
| Customer | HEM Architects    |
| Project  | 4 Marsh Hall farm |
| Location | HD4 6XB           |

## AIR SOURCE HEAT PUMP

|                         | No. of units |
|-------------------------|--------------|
| aroTHERM+ 12            | 1            |
| Sound power level dB(A) | 60           |

## INSTALLATION INFORMATION

|                                  | Heat pump 1 |
|----------------------------------|-------------|
| Sound directivity Q              | 4           |
| Distance to assessment point (m) | 5           |
| Barrier type                     | Type 2      |
| Line of sight                    | No view     |

## SOUND PRESSURE LEVEL (dBA)

|       |      |
|-------|------|
| 36.05 | PASS |
|-------|------|

## DESCRIPTION OF ASSESSMENT POSITION

|                                                              |
|--------------------------------------------------------------|
| Lounge window 3 Marsh Hall Farm Barrier type 2 to be erected |
|--------------------------------------------------------------|

## DEFINITIONS

**Assessment Position** - Means a position 1m external to the centre point of any door or window to a habitable room of a neighbouring property as measured perpendicular to the plane of the door or window.

**Habitable Room** - Means any rooms used or intended to be used for sleeping or living which are not solely used for cooking purposes, but does not include bath or toilet facilities, service rooms, corridors, laundry rooms, hallways or utility rooms.

**Neighbouring Property** - Means any building used for any of the purposes of Class C of the Town and Country Planning (Use Classes) Order 1987 (as amended) (includes dwellings, houses, hotels, residential institutions and houses in multiple occupation).

**Barrier (Type 1)** – a solid brick/masonry wall or a solid fence that is at least 18mm thick. There should be no cracks or gaps in the barrier. The barrier should extend horizontally by 1m or more from either edge of the heat pump.

**Barrier (Type 2)** – a solid fence that is less than 18mm thick. There should be no cracks or gaps in the barrier. The barrier should extend horizontally by 1m or more from either edge of the heat pump.

**No barrier** – open fences, fences with gaps and cracks, and vegetation do not count as a barrier. Walls or fences in a poor state of repair (e.g. gaps or pieces missing) do not count as a barrier.

**No view** – If a barrier that completely obscures the vision of an assessment position from the top edge of the heat pump.

**Partial view** – If by moving up to 0.25m in any direction from the top edge of the heat pump the assessment position is visible.

**Full view** – If the assessment position is visible from the top edge of the heat pump.

