

Croft Barn, 1 Manor Court, Carlton Le Moorland, Lincolnshire. LN5 9JJ

Design, Access, and Visual Impact Statement regarding installation of two air source heat pumps for a domestic premises.

Proposal

We intend to retrospectively upgrade the existing central heating system to include two air source heat pumps which will replace an existing oil boiler.

Purpose

The proposed installation is intended to heat the dwelling (Croft Barn). The property owner (Mr Alan Thomas) is keen to reduce his running costs and simultaneously reduce his carbon footprint by using a more environmentally friendly solution for his heating and hot water.

Scale and Proposed Positioning

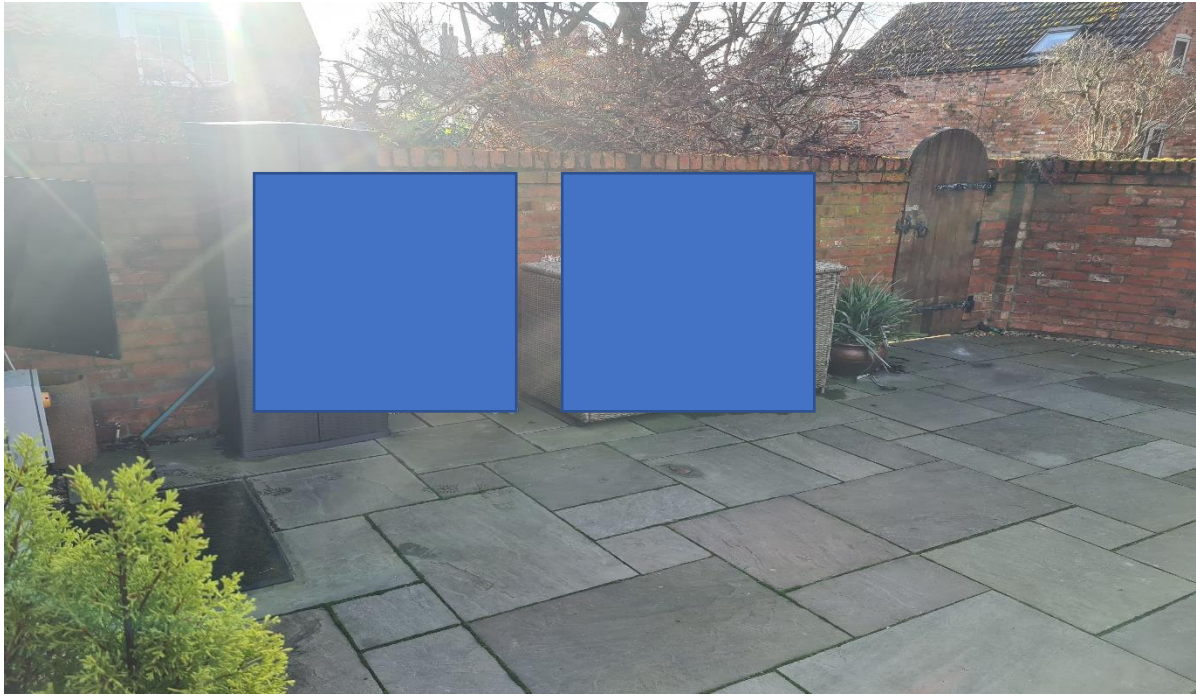
The location of the two ASHPs has been carefully considered to minimise the impact on the house and the surrounding area.

The physical dimensions of each unit are **H 1410mm x D 320mm x W 1283mm**

Existing Patio Area:



Proposed Siting of ASHPs:



Materials

2no. 16kW Panasonic TCAP air source heat pumps (Model WH-MXC16J9E8)

Insulated copper pipework

Electrical cabling and switchgear

Visual Impact

The image above shows that the ASHPs will be located next to a tall solid brick wall which surrounds the patio area belonging to the property.

The overall impact of the installation will *not* be detrimental to the local area as the heat pumps are not visible beyond the property boundary at ground level. Indeed, the installation can only have a positive impact as the existing combustion exhaust from the oil boiler will be replaced with clean air which will reduce local carbon emissions and set an exemplary standard of sustainability.

Note – the immediate neighbour also has an air source heat pump.