

Air Source Heat Pump Technical Survey

Survey Details	
Inspection Date:	05/12/2023
Surveyor Name:	Paul Hackett
Installer Company Name:	broardoak
Address:	49 Hunter Street Briton Ferry Neath West Glamorgan
Post Code:	SA11 2RP
Contact Name:	[REDACTED]
Contact Telephone:	[REDACTED]
Contact Email:	[REDACTED]

General Details	
Is property in a conservation area or heritage site?	No
Is there any customer preparation work to be completed prior to installation?	No
What is the property age band?	1900-1929
Electric supply source:	Single Phase
Mains fuse size:	60A
Earthing system:	TNS
Further comments on electrical arrangements:	No fuse board customer needs to get one going to phone w

Current Electricity Tariff	
What is the current electricity tariff?	Single
Unit 1 price:	£0
Unit 2 price:	Not Applicable

Heat Pump	
Where is the heat pump being mounted?	Ground mounted
Please provide details on the ground suitability:	New slab required
Is the minimum clearance met?	Planning required only 2m
Has the customer been advised of location?	Yes
Are there any specific rooms where installing or changing radiator may be an issue?	No
What is the distance between the outdoor and indoor unit:	20m
What is the distance between the heat pump and neighbouring habitable room:	10m
New system:	Monobloc
Is a BUH required?	No
Is there available space for BUH?	Not Applicable
Is a buffer required?	No
Is there available space for a buffer?	Not Applicable
Q-Value:	Q2
Barrier:	No barrier (0)
Is an additional sound barrier potentially required?	No
Has the location of the additional sound barrier been discussed and agreed with the customer?	Not Applicable

Heating & Hot Water System	
Water heating required?	Yes
Is solar thermal present?	No
Is PV present?	No
How many heat sources are there at the property?	1
Pre-main heating source:	Gas boiler
Emitter type:	Radiators
Age of system:	0
The hot water pressure is provided by:	Mains
What is the cylinder type?	Combination tank
Secondary heating source and emitter:	Not Applicable
Is there an existing shower?	No
If yes, is the shower compatible with a new system?	Not Applicable
Is the customer interested in a new cylinder?	Yes
Is there space for a new cylinder?	Yes Bedroom two
What is the water pressure?	5 BAR
What is the water flow rate?	23 l/min

Main Property Constitution	
Wall construction:	Solid brick
Wall thickness:	500mm
How was the wall thickness determined?	Measured
Wall insulation type:	None
Wall insulation thickness:	Not Known
Wall U-Value:	Not Known
Floor construction:	As Built
Floor insulation type:	None
Floor insulation thickness:	Not Known
Roof construction:	Pitched
Roof insulation thickness:	None

Secondary Property Constitution	
Extensions wall construction:	Not Applicable
Extensions wall thickness:	Not Applicable
How was the extensions wall thickness determined?	Not Applicable
Extensions wall insulation type:	Not Applicable
Extensions wall insulation thickness:	Not Applicable
Extensions wall U-Value:	Not Applicable
Extensions floor construction:	Not Applicable
Extensions floor insulation type:	Not Applicable
Extensions floor insulation thickness:	Not Applicable
Extensions roof construction:	Not Applicable
Extensions roof insulation thickness:	Not Applicable

Radiator Details	
Radiator 1: Type: Single Panel Radiator, H: 0mm, L: 0mm, W: 0mm	

Glazing	
Type of window frame:	PVC-U
What is the window glazing thickness?	Double
What is the roof glazing thickness?	Double

Open Fire	
What type of open fire?	Not Applicable
What is the location of the open fire?	Not Applicable

Customer Approval	
	
Print Name:	
Signature Date:	05/12/2023

Front elevation



Front elevation



Rear elevation



Ground where pump will be situated



Ground where pump will be situated



05-12-2023 09:45 | 51.633078, -3.819465

ASHP unit location with annotations



ASHP unit location and nearest neighbouring habitable window

