

Grant Engineering Ireland ULC

Heat Loss Survey Form

Customer Details:

Name	
Address	
Telephone	
Mobile	
Email	

Installer Details:

Name	
Address	
Telephone	
Mobile	
Email	

Please note:

If the main property has been extended and different U values are applicable for different parts of the building, please use a separate survey form to identify this.

i.e.:

Form 1 – Original Building

Form 2 – Extension

Form 3 – Garage Conversion

If possible, please give all measurements in metres (m).

BER Rating (if applicable): _____

Property Information:

(Please tick as appropriate)

Property Age:

What year was the house built? _____

Window Type (or specific U Value if known):

Single Double Low E Double Low E Argon Filled

Double Triple Low E Triple Low E Argon Filled

Triple

Wood/PVC

Metal

Other Type (Please specify) _____

Ceiling Type (top floor only):

Select insulation standard of ceiling –

300mm

200mm

100mm

50mm

Uninsulated

Exposed Locations/High Ceilings:

Please give details of any exposed locations, high ceilings, voids, etc., including all relevant dimensions –

Wall Type:

Specific U Value (if known) _____

If specific U Value is not known, please select all applicable options –

Solid Brick Solid Concrete Brick Outer Timber Frame

Solid Stone Cavity Wall

Insulated Externally Lightweight Plaster

Insulated Internally Aerated Block Inner Leaf

Unplastered Plasterboard

Dense Plaster Rendered Outside

Plaster Inside Clad Externally

Pumped

Floor Type (ground floor only):

Select insulation standard of floor –

Slab 2009 onwards Slab 2002 – 2009 Slab Pre 2002 Suspended 2009 onwards Suspended 2002 – 2009 Suspended Pre 2002 **Internal Design Temperatures:**

Bathroom	22°C
Living Room, Dining Room, Lounge, Sunroom, Study	21°C
Kitchen, Bedroom, Toilet, Hall & Landing	18°C

Any customer increase or decrease for room temperature –

Room	Increase/Decrease	Desired Temp

Heating:**Current Heating System in place –**Oil Gas Solid Fuel Wood pellet

Other (Please specify) _____

Proposed Heating System –Air Source Heat Pump* Hybrid System Oil Wood pellet

Other (Please specify) _____

*If Air Source Heat Pump is the proposed heating system, please select the system design flow temperature required –

35°C (Underfloor Heating) 40°C (Convactor Fan Heater) 45°C (Aluminium Radiators) 50°C (Steel Panel Radiators)

Room Dimensions:

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Floor level	
Room Name	
Length	
Width	
Height	
Is open flue present?	
If so, is throat restrictor fitted?	
External Wall Length	

Heat Emitter:

Emitter type (i.e. steel rads, low temperature rads, underfloor heating): _____

If steel or low temperature rads please specify size -

	Length (mm)	Height (mm)	Double or Single Panel?
Rad 1			
Rad 2			
Rad 3			

Windows and External Doors:

Window/Door 1

Window/Door 2

Length		Length	
Height		Height	

Window/Door 3

Window/Door 4

Length		Length	
Height		Height	

Any additional information (i.e. Vaulted Ceilings, Voids, etc.):

Please provide as much information as is available –

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If you require any assistance in completing this form, please do not hesitate to contact our Technical Department on (057) 91 20089.

The completed Heat Loss Survey Form can be sent to heatpump@grantengineering.ie and we will let you know the heat demand of the property and offer advice on a Heating System for the project.

XML files can also be forwarded to the above email address and we will enter them into the DEAP software and the Heat Pump Tool to ensure compliance with Part L of the Building Regulations.

Please note:

- All dimensions will be taken as **METRES**, unless otherwise specified.
- If there is any additional information that you may think is relevant, please let us know.
- All heat loss calculations are based on SR50-1:2010, Code of Practice for building services – Part 1 domestic plumbing & heating systems.
- Grant Engineering will calculate a room by room heat loss for the property, based on the information provided on this Survey Form. Any change in dimensions, U Values, etc., will affect this calculation and the heat loss calculation will need to be amended.

