

WATER HEATING ENERGY REQUIREMENTS (See note 5)

Is the hot water heating system instantaneous at the point of use?

Does the dwelling have a hot water tank?

State the type and thickness of insulation provided for the tank

Does the dwelling have a solar water heating panel? If yes, please state area.

Does the system have primary pipework?

Is the primary pipework insulated?

Is there a cylinder stat?

Are any of the elements stated to be replaced in the new extension. If yes, provide details.

Yes	No	Details
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
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SOLAR GAINS (See note 6)

SAP Solar Access Factor

Which category best describes your dwelling? (Please tick one only)

Very little shading

Average shading

Worse than average shading

Heavily shaded

Please indicate the orientation of glazed areas (Windows/Doors)

Orientation	Area (m2)	Classification
North	<input type="text"/>	<input type="text"/>
Northeast	<input type="text"/>	<input type="text"/>
East	<input type="text"/>	<input type="text"/>
Southeast	<input type="text"/>	<input type="text"/>
South	<input type="text"/>	<input type="text"/>
Southwest	<input type="text"/>	<input type="text"/>
West	<input type="text"/>	<input type="text"/>
Northwest	<input type="text"/>	<input type="text"/>
Rooflights (1)	<input type="text"/>	<input type="text"/>
Rooflights (2)	<input type="text"/>	<input type="text"/>

Which category best describes your extension?

Please indicate the orientation of glazed areas (Windows/Doors) to extension.

Area (m2)	Classification
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>

FUEL COSTS (See note 7)

Is the water heating (main system) by immersion heater?

Yes

No

If yes, please indicate type present:

Single

Duel

Other

Please indicate which electricity tariff is used to power the pump and fan

Standard

24 Hour

Are any of the elements stated to be replaced in the new extension. If yes, provide details.

Details	
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

YOUR DETAILS (The completed energy rating will be forwarded to this address)

Name:

Address:

Postcode:

Tel:

Email:

Signature:

Date:

NOTES

A fee of **£117.50** including VAT should be forwarded with this information form. Cheques should be made payable to Dacorum Borough Council and forwarded to Building Control, Dacorum Borough Council, Civic Centre, Marlowes, Hemel Hempstead, Herts HP1 1HH.

We also require a full set of detailed drawings (plans, elevations and sections), together with a detailed specification for the works to enable us to check compliance with this checklist.

Your completed Energy rating will be forwarded to you within 5 - 10 working days subject to workload. Should this timescale not be possible, we will inform you as soon as possible.

Should you have any questions regarding this form, please contact Building Control on 01442 228587, or email us at building.control@dacorum.gov.uk. This form is also available to download from our website at www.dacorum.gov.uk/buildingcontrol

Notes continued:

Note 1

The dwelling dimensions return to the internal floor area. All measurements should be taken through all internal walls and built-in cupboards.

Porches and conservatories should be included where they are heated and form part of a habitable space, but excluded where they do not.

Note 2

Chimneys and flues should only be included when they are unrestricted. Balanced flues, such as those on main gas boilers and wall mounted convector heaters should not be included.

Extract fans including cooker hoods and other independent extractor fans should be included in the "number of fans" category.

Mechanical ventilation should only be included if the whole property is served by a ventilation management system.

Note 3

Wall areas should be stated once the windows and doors have been deducted.

The areas of building elements are derived using dimensions section.

U-values for the walls and roofs maybe obtained from manufactures information and should be calculated using the proportional area method in the CIBSE guide A3.

Roof area is also net of any rooflights or windows

U-values for floors should be calculated using the procedure described in appendix C of Approved Document L.

Semi-exposed elements are those between heated areas and unheated spaces such as garages and conservatories.

Note 4

The water heating system should be entered if different from the other systems mentioned above.

Note 5

Please state YES or NO.

Note 6

Please indicate which of the options apply by placing a tick in the relevant box.
Please state to relevant areas of glazing for each orientation and specify the glazing classification.

Classification

Please state to relevant areas of glazing for each orientation and specify the glazing classification:

Windows:

A = Single	B = Double
C = Double Low E	D = Triple

Rooflights:

A = Single	B = Double
C = Double Low E	D = Triple

Rooflight Orientation:

1 = North	2 = East
3 = South	4 = West

(ie Double glazed rooflight, facing East = B2)

Note 7

Please indicate relevant criteria by placing a tick in the relevant boxes.