

Product application checklist

Please complete in BLOCK CAPITALS

Radiant & Warm Air Heaters: Biomass fired warm air heaters

Manufacturer/supplier name:

ETL licence number (if applicable):

Applicant's name:

Telephone number:

Product information

Product name:

Model number:

Please complete each section of this form based on your product's characteristics. Incomplete or incorrect data could affect the processing of your product application.

Each product application should be made on a separate form unless a product's design characteristics are common to all the products. In this instance a single application can be made for multiple products.

1. Product testing and certification		No	Yes
Where type testing has been used to demonstrate product performance please ensure that the information supplied is sufficient to demonstrate the performance of all products for which applications are being made.			
1.1	Is the product CE Marked?		
1.2	Has the product been tested in accordance with the method in BS EN 1020:1998?		
1.3	Have the product's gas losses been determined in accordance with the procedures at BS EN 13240:2001?		
1.4	Have the tests been done with a biomass test fuel (designated A1, A2, B1, B2, C & D) in accordance with Table 8 of EN 303-5:1999?		
1.5	How was the product(s) performance tested? (Please select one).		
	a) Tested in a laboratory either in house or on-site, witnessed by an independent accredited laboratory. (i.e. 'witnessed testing').		
	b) Tested by an independent accredited laboratory (i.e. 'independent testing').		
	c) Tested as part of on-site acceptance tests or field trials witnessed by an independent accredited laboratory, because laboratory testing was not practical due to product size, or lack of a suitable laboratory.		
	d) Tested as part of on-site acceptance tests or field trials carried out, or witnessed and certified, by an independent contractor that is accredited by the United Kingdom Accreditation Scheme (UKAS), or other equivalent national accreditation bodies recognised via the European Co-operation for Accreditation, the International Accreditation Forum, or the International Laboratory Accreditation Co-operation (ILAC) agreements for the measurements made during the testing.		
Please refer to Section 2 of ECA Guidance Note 5 "ECA Testing Programme: Energy Technology List (ETL) Product Testing Framework" for details of the requirements that must be satisfied for each of these product testing options.			

1. Product testing and certification (continued)		No	Yes
1.6	Where product testing has been witnessed by an independent accredited laboratory or contractor, what was the name of the witness? (Please include contact details).		
1.7	Where products have been tested by an independent accredited laboratory:		
	a) What is the name of the independent accredited laboratory?		
	b) What is the laboratory's registration number?		
1.8	Where products have been tested as part of on-site acceptance tests or field trials carried out, or witnessed and certified, by an independent contractor:		
	a) What is the name of the contractor?		
	b) Please give details of their accreditations for the measurements taken.		
1.9	Is the application for (please select one):		
	a) A product with individual performance test data (go to question 2).		
	b) A product with the same constructional design as other products where "Representative models" have been tested and are listed on the ETPL.		
	c) A product with the same constructional design as other products that are not yet on the ETPL, and where performance test data is being submitted for "Representative models" with this application.		

1. Product testing and certification (continued)		No	Yes
1.10	What are the “Representative models”?		
	<div> <div>ETL Product ID number</div> <div>Product model numbers</div> </div>		
	<p>Test data may be submitted for a single representative model provided that the maximum rated output of the products being applied for is not more than twice, or less than half, the maximum rated output of the product tested. Where the range of rated outputs exceeds these limits, products should be grouped into size ranges that comply with these rules, and test data submitted for one representative model for each group.</p>		
2. Product features		No	Yes
2.1	Is the product designed to burn wood, cereal straw, or solid fuels derived from them?		
2.2	Does the product incorporate:		
	a) An automatic stoker that supplies a continuous flow of fuel into the combustion chamber at a rate corresponding to the rate of combustion?		
	b) A fan to distribute warm air within the heated space?		
3. Product performance		No	Yes
3.1	Does the product have a net thermal efficiency that is greater than, or equal to, 82.0% at 100% of their maximum continuous rating (MCR)?		
	<p>For the avoidance of doubt, net thermal efficiency test data should be presented to 1 decimal place. As an example, a biomass-fired warm air heater with a net thermal efficiency of 81.9% at 100% of its maximum continuous rating (MCR) would be deemed to be a fail.</p>		

4. Summary of documents to be included	No	Yes
<p>Please send ONE copy of each of the following documents:</p> <p>If the relevant information in support of the questions above is contained within a larger document, please indicate the location of the relevant information. Note that all documentation submitted must directly refer to the model numbers for which you are making this application. Documentation should be added to your online application at https://etl.decc.gov.uk.</p>		
<p>a. A technical sales brochure or leaflet for the product clearly summarising:</p> <ul style="list-style-type: none"> i) The key features of the product (ideally including photographs of the product's exterior). ii) The product's operation (i.e. in-built functionality) and intended applications (i.e. usage). iii) Any product selection options (including optional extras, alternative configurations etc.) <p><i>This documentation should contain sufficient detail to enable the assessor to confirm that the proposed entry on the Energy Technology Product List (ETPL) is correct, and uniquely represents a single product of fixed design (as defined by the rules of the ECA Scheme). If the model names contain any "wildcards" in respect of cosmetic variations please check with ECA Questions that this is permitted before submitting your application.</i></p>		
<p>b. A technical specification for the product, including:</p> <ul style="list-style-type: none"> i) Details of the model numbers covered (including individual features of each model). ii) The product's design ratings (electrical, mechanical, thermal, flow rates, energy use etc.). iii) A description of how to install the product including connection/wiring diagrams. Where the product must be assembled, configured and/or commissioned on site before use, please include instructions. <p><i>This documentation should contain sufficient detail to enable the assessor to confirm that each product entry on the Energy Technology Product List (ETPL) has the design features specified in the eligibility criteria for that category of product. Please indicate on the checklist where information on specific design features is located in the documentation.</i></p>		
<p>c. Evidence that the product meets the performance criteria, including:</p> <ul style="list-style-type: none"> i) Test reports showing product performance at the standard rating/test conditions. ii) Details of the test procedures/standards used to determine product performance. iii) Evidence that product testing was undertaken by or witnessed by an independent accredited laboratory (e.g. certificate of testing or schedule of accreditation). iv) A declaration certifying the accuracy of the test reports and confirming that: <ul style="list-style-type: none"> • The test facilities complied with the minimum specifications outlined in the test standard, and the required test conditions were applied during testing. • All measurement equipment used in testing was calibrated by an accredited laboratory, or its calibration is otherwise traceable back to national standards. • Appropriate quality assurance procedures have been used to verify or cross-check the accuracy and repeatability of the test procedures and test results. v) Where representative testing has been used, evidence that the products covered by the representative model(s) are of the same constructional design. <p><i>Please note that summary test reports will only be accepted where the accuracy of the test reports has been certified by an independent accredited laboratory.</i></p> <p><i>Detailed test reports must always be submitted for acceptance tests or field trials.</i></p> <p><i>Please refer to Section 4 of ECA Guidance Note 5 "ECA Testing Programme: Energy Technology List (ETL) Product Testing Framework" for further guidance on the submission of test results, and minimum information requirements.</i></p>		
<p>d. A Declaration of Conformity with EU Directives on product safety, including where applicable:</p> <ul style="list-style-type: none"> i) CE Marking Directives. 		
<p>e. Evidence that a quality assurance system/procedures is/are in place to control the specification, design, manufacturing and testing of the products.</p>		
<p>f. Signed application checklist.</p> <p><i>Please note that all product documentation provided must be written in, or translated into, English.</i></p>		

5. Declaration

I confirm that the information given above is correct to the best of my knowledge and that I have read and agree to the terms and conditions governing the management of the Enhanced Capital Allowance Energy Technology List (ETL).

A copy of the terms and conditions can be found at <https://www.gov.uk/guidance/energy-technology-list>

Signature: _____ Date: _____

For more information:

Web:

<https://www.gov.uk/guidance/energy-technology-list>

Phone:

0300 3300657

Email:

ECAQuestions@carbontrust.co.uk

Post:

Energy TL Coordinator,
ICF,
6th floor,
Watling House,
33 Cannon Street,
London, EC4M 5SB

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