



Product application checklist

Please complete in BLOCK CAPITALS

Undercounter Dishwashers

Manufacturer/supplier name:

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
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Where type testing has been applied to demonstrate product performance ensure that the information supplied is sufficient to demonstrate the performance of all the products for which applications are being made.

1.1 Does the product have an appropriate Conformity Assessment mark?

1.2 How was the product(s) performance tested? (Please select one)

- a) Tested in the manufacturer's in-house laboratory, in accordance with a registered Quality Management System and a representative sample of the test data has been cross-checked and verified by an independent body (i.e. 'self-tested and verified or cross-checked by an independent body')
- b) Tested in a laboratory either in house or on-site, witnessed by an independent body (i.e. 'witnessed testing')
- c) Tested by an independent laboratory (i.e. 'independent testing')
- d) Representative testing

Please refer to the [ETL Testing Framework](#) for details of the requirements that must be satisfied for each of these product testing options.

1.3 Where product testing has been done in accordance with a registered Quality Management System, what is its registration number?

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1.4 Where a representative sample of the test data has been cross-checked and verified by an independent body:

a) What is the name of the independent laboratory?

.....

b) What is the laboratory's registration number (where accredited)?

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1.	Product testing and certification (continued)	No	Yes
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1.5 Where product testing has been witnessed by an independent body, what was the name of the witness?
(Please include contact details).

1.6 Where products have been tested by an independent laboratory:

a) What is the name of the independent laboratory?

b) What is the laboratory’s registration number (where accredited)?

1.7 If representative testing has been used, what are the ‘representative models’?

ETL Product ID number	Product name and model number
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

The representative models must be selected by dividing the range of products into groups of models with similar design characteristics, and testing a model in each group. The performance of each model in the group must be predicted using a validated mathematical model. As a minimum, at least two models must be tested in each range of products. A report documenting performed model calculations, showing all significant calculation steps, shall be submitted with the application.

2.	Product type	No	Yes
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2.1 Is your product an undercounter dishwasher used in the operation of professional foodservice outlets to clean items that are either used to prepare or consume food, such as cooking ware, dishes, cutlery and glasses?

2.2 Is your product manufactured for the sole purpose of cleaning glassware and is otherwise referred to as a dedicated glasswasher as per the manufacturer specified intended use?

2.3 Does your product have: *(Tick all that apply)*

a) High temperature sanitising processes?

b) Integrated water treatment which can be used to soften hard water?

c) Heat recovery systems which can recover the remaining heat from the previous cycle to preheat the incoming water for the next cleaning cycle?

2.4 Does your product: *(Tick all that apply)*

a) Align with the product definition in section 1.2 of the ETL Criteria?

b) Have a single water tank?

3. Product performance	No	Yes
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3.1 Has the product been measured in accordance with the procedures set out in the following standards?

(Tick all that apply)

- a) BS EN IEC 63136: 2019 – Energy consumption
- b) BS EN IEC 63136: 2019 – Cleaning performance
- c) BS EN 17735: 2022 – Hygiene/sanitation
- d) NSF/ANSI 3-2023 – Hygiene/sanitation

3.2 The specific test parameters and data recorded from the model testing shall be reported based on the BS EN IEC 63136:2019 section 8, is the data reported as per the requirements set below?

(Tick all that apply)

- a) The laboratory data shall be reported in accordance with Table 1 of the test standard
- b) The dishwasher data shall be reported in accordance with Table 2 of the test standard
- c) The test measured data shall be reported in accordance with Table 3 of the test standard
- d) For the cleaning performance evaluation, the data shall be recorded in accordance with Table 4 of the test standard

3.3 Does the performance of the product meet the relevant performance set out in Table 1 below (or Table 1.1 in the ETL Criteria for this product)?

Table 1 Performance requirements for high temperature undercounter dishwashers

Aspect	Units	Threshold
Energy	Energy consumption per cycle (E_c) (kWh/cycle)	0.4 kWh
	Water consumption per cycle (V_c) (L/cycle)	2.5 L
	Power ready-to-use mode (P_U) (kW)	0.4 kW
Cleaning	Cleaning performance (X_{clean}) (%)	90%
Hygiene / Sanitation	Pass / Fail	Pass

For the avoidance of doubt test data shall be presented to 2 decimal places. For example, a model's energy consumption per cycle of 0.41 kWh would be considered ineligible under these criteria.

3.4 Have the following performance parameters been recorded during testing? (Tick all that apply)

- a) The programme in which the model was tested under
- b) The rinse temperature ($^{\circ}\text{C}$) during testing (referred to as the manufacturer's setting of boiler temperature in Table 2 of BS EN IEC 63136: 2019)
- c) The average programme time (T_{PR})
- d) The average cycle time (T_c)

4. Summary of documents to be included

No

Yes

Please send ONE copy of each of the following documents:

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](#).

- a) A technical sales brochure or leaflet for the product clearly summarising:
- 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.).

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 ETL Scheme). If the model names contain any 'wildcards' in respect of cosmetic variations please check with the ETL Team (info@etl.energysecurity.gov.uk) that this is permitted before submitting your application.

- b) A technical specification for the product, including:
- 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.

This documentation should contain sufficient detail to enable the assessor to confirm that each product entry on the 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 feature information is located in the documentation.

- c) Evidence that the products meet the performance criteria, including:
- 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) A declaration certifying the accuracy of the test reports and confirming that:
 - The test facilities complied with the minimum specifications outlined in the test standard, and the required test conditions where 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.
 - iv) Where the test reports have not been prepared by an independent body, evidence that the accuracy of product performance data has been independently verified or cross-checked by an independent body.
 - v) Where representative testing has been used, please include details of selection method used, and evidence that the products covered by the representative model(s) are variants of the same basic design.

Please refer to the [ETL Testing Framework](#) for further guidance on the submission of test results, and minimum information requirements.

- d) A Declaration of Conformity with UK/EU Directives on product safety, including:
- i) An appropriate Conformity Assessment mark
- e) Evidence that a quality assurance system/procedures is/are in place to:
- i) Control the specification, design, manufacturing and testing of the products.
 - ii) Ensure consistency of performance between individual production items of the same product.
- f) Signed application checklist

Please note that all product documentation provided must be written in, or translated into, English.

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 Energy Technology List. A copy of the terms and conditions can be found [here](#).

Signature: Date:

For more information:

Web:

etl.energysecurity.gov.uk

Phone:

[+44 20 3096 4800](tel:+442030964800)

Email:

info@etl.energysecurity.gov.uk

Post:

Energy Technology List Coordinator
ICF
1st Floor, 62 Threadneedle Street
London
EC2R 8HP

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