



## Product application checklist

Please complete in BLOCK CAPITALS

### Evaporative Condensers

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 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 conform to the requirements of the The Pressure Equipment (Safety) Regulation 2016 in respect of its design, manufacture and testing procedures?

1.2 Does the product have an appropriate Conformity Assessment mark?

If so, to which directive? .....

2. Product type and features	No	Yes
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2.1 Does the product incorporate a heat exchanger that is designed to cool and condense refrigerant vapour?

2.2 Does the product incorporate an axial or radial/plug fan that blows air over/through the heat exchanger?

2.3 Does the product incorporate a blow down facility for the water storage tank to enable total dissolved solids content of the water in the storage tank to be controlled?

2.4 Does the product incorporate either:

- a) A mechanism that wets the external surface of the heat exchanger?
- b) A hybrid mechanism that wets the external surface of the heat exchanger at high ambient temperatures (evaporative cooling) and switches to dry operation when a user defined dry switch-point is reached at lower temperatures (dry cooling)?

2.5 Does the wetting mechanism include a water pump and a water storage tank?

2.6 Does the product incorporate an automatic blow down control system?

2.7 Does the product incorporate a means of measuring total dissolved solids content of the water in the storage tank?

2. Product type and features (continued)		No	Yes
2.8	Is the product compatible with a variable frequency drive (VFD)?		
2.9	What is the heat rejection capacity of the product at UK operating conditions, specifically: 32°C condensing and 21°C wet bulb temperatures?		
2.10	What is the average capacity rating (kW) of the compressor used in the evaporative condenser?		

3. Summary of documents to be included		No	Yes
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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 that the supplied documentation can evidence the conformity of the products against the requirements of the ETL eligibility criteria. If the model names contain any 'wildcards' in respect of cosmetic variations please check with ETL Questions 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 features is located in the documentation.*

- c) A Declaration of Conformity with UK/EU Directives on product safety, including one of the following:
  - i) An appropriate Conformity Assessment mark.
  - ii) The Pressure Equipment (Safety) Regulations 2016.
- d) Evidence that a quality assurance system/procedures is/are in place to:
  - i) Control the specification, design, manufacturing and testing of the products.
- e) Signed application checklist.

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

## 4. 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:

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