



NSAI

ECE TYPE-APPROVAL CERTIFICATE

E24

Concerning⁽²⁾:
Approval granted
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

of a type of electrical/electronic sub-assembly⁽²⁾ with regard to Regulation No. 10

Approval No: **E24*10R06/03*7624*00**

- | | | |
|-----|--|---|
| 1. | Make (trade name of manufacturer): | DOMETIC, WAECO, MOBICOOL |
| 2. | Type and general commercial description: | WCC80DZ
<i>Compressor cooler</i> |
| 3. | Means of identification of type, if marked on the ~~vehicle~~ /component/ ~~separate technical unit~~ ⁽²⁾ | Variants Designation |
| 3.1 | Location of that marking: | Printed on the outer shell of the product |
| 4. | Category of vehicle: | N/A |
| 5. | Name and address of manufacturer: | Dometic (Zhuhai) Technology Co., Ltd.
Building A1 to A8, B1 to B6, No.18, Jinhu Road, Sanzao Town, Jinwan District, Zhuhai City, Guangdong Province
519041 P. R. China |
| 6. | In the case of components and separate technical units, location and method of affixing of the approval mark: | Printed on the outer shell of the product |
| 7. | Address(es) of assembly plant(s): | Dometic (Zhuhai) Technology Co., Ltd.
Building A1 to A8, B1 to B6, No.18, Jinhu Road, Sanzao Town, Jinwan District, Zhuhai City, Guangdong Province
519041 P. R. China |

⁽¹⁾ Distinguishing number of the country which has granted/extended/refused/withdrawn an approval (see approval provisions in the Regulation).

⁽²⁾ Strike out what does not apply



Approval No: **E24*10R06/03*7624*00**

8. Additional information (where applicable):

See appendix below

9. Technical service responsible for carrying out the tests:

***SGS-TÜV Saar GmbH
Am TÜV 1
D-66280 Sulzbach,
Germany***

10. Date of test report:

31.01.2026

11. Number of test report:

HOM ECN T26/005-00

12. Remarks (if any):

See appendix below

13. Place:

Dublin

14. Date:

12th February, 2026

15. Signature:



16. The index to the information package lodged with the approval authority, which may be obtained on Request, is attached.

17. Reasons for extension:

N/A



NSAI

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Appendix

Appendix to Type Approval Communication Form No E24*10R06/03*7624*00 Concerning the Type Approval of an Electrical/Electronic Sub-assembly under UN Regulation No. 10

1. Additional information
 - 1.1. Electrical system rated voltage: *DC12V/24V ~~pos~~/neg ground⁽¹⁾*
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
 - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
 - 1.3. This ESA can be used only on the following vehicle types: *N/A*
 - 1.3.1 Installation conditions, if any: *N/A*
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): *N/A*
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *SGS-TÜV Saar GmbH*
2. Remarks: *N/A*

⁽¹⁾ Strike out what does not apply



NSAI

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Index to the Information Package

Date of issue:	<i>12th February, 2026</i>
Date of latest amendment:	<i>N/A</i>
Reason for extension/revision:	<i>N/A</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>HOM ECN T26/005-00</i>
- date of issue:	<i>31.01.2026</i>
- date of latest amendment:	<i>N/A</i>
3. Information document	
- number(s):	<i>IF_ WCC80DZ_R10.06_00</i>
- date of issue:	<i>17.12.2025</i>
- date of latest amendment:	<i>N/A</i>
Documentation:	<i>159 pages</i>



Approval No: E24*10R06/03*7624*00

Appendix: **Additional conditions, and advisory notes on legal alternatives**

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each device from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options:

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Technical Report

V00

Test standard:
ECE R10

Level of amendment:
06 Series of amendments, 03 supplement

Title:
Electromagnetic compatibility

Manufacturer:
Dometic (Zhuhai) Technology Co., Ltd.

Type:
WCC80DZ

Subject of testing:
Component

0 General:

- | | | |
|-------|---|--|
| 0.1 | Make
(trade name of manufacturer): | DOMETIC, WAECO, MOBICOOL |
| 0.2 | Type: | WCC80DZ |
| 0.2.1 | Commercial description(s): | Compressor cooler |
| 0.2.2 | Variant: | WCC18, WCC32, WCC40, WCC60, WCC80DZ |
| 0.3 | Means of identification of type, if
marked on the vehicle / compo-
nent / technical unit: | refer to information document |
| 0.3.1 | Location of that markings: | refer to information document |
| 0.4 | Category of vehicle: | n.a. |
| 0.5 | Manufacturer's name and
address: | Dometic (Zhuhai) Technology Co., Ltd.
Building A1 to A8, B1 to B6, No.18, Jinhu Road,
Sanzao Town, Jinwan District, Zhuhai City,
519041 Guangdong Province, P. R. China |
| 0.8 | Name(s) and address(es) of
assembly plant(s): | refer to information document |
| 0.9 | Name and address of
representative: | n.a. |
| | Location of the approval mark: | refer to information document |

1 Appendices

1.1 Test Record See appendix A

1.2 List of modifications See appendix B

2 Attachments:

2.1 Information folder: No.: IF_ WCC80DZ_R10.06_00

Date of issue: 17.12.2025

2.2 Test Report: No.: SZEM251201175801

Date of issue: 21.01.2026

3 Statement of conformity:

The information folder as mentioned under no. 2.1 and the object described therein are in compliance with the test standard mentioned above.

The test results relate only to the test specimen, as received.

The test specimen was/were selected as worst case from the information folder of the type acc.to SOP M3780, and on this basis, it is/they are representative for the type to be approved.

The tests were carried out in accordance to the relevant requirements of the

☐ EN ISO/IEC 17025

☒ EN ISO/IEC 17020

Test Laboratory

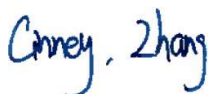
SGS-TÜV Saar GmbH

notified by

KBA Kraftfahrt-Bundesamt, Germany No. KBA-P 00084-10	NSAI National Standards Authority of Ireland No. 101	RDW Rijksdienst voor het Wegverkeer, The Netherlands No. 99050064 00	TRANSPORT STYRELSSEN, Sweden No. TT 0015
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Formal review (Conformity Check) by:

Authorized by expert:




Cinney Zhang

Powell Bao

Shanghai, 31.01.2026

Technical Report
No.: HOM ECN T26/005-00
Type: WCC80DZ

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To assess the conformity, the laboratory refers to the "scope classification" of the Kraftfahrt-Bundesamt (KBA) – Federal Motor Transport Authority (in its valid version at the time of testing) and the specified consideration of the measurement uncertainty for the related test procedure.

In case the measurement uncertainty does not need to be considered according to the scope classification, the laboratory considers the result conform if its measured value is within the specification.

In case the measurement uncertainty does need to be considered according to the scope classification, the laboratory considers the result conform if its value incl. its measurement uncertainty is within the specification.