



Product certificate K48268/10

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Replaces K48268/09

Page 1 of 3

Heat exchangers

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Danfoss A/S,

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline:

BRL-K656/03 " Heat exchangers intended for the indirect heating of drinking water", dated **01-02-2012**.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Heat exchangers

PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate

Heat exchangers with single partition:

1-pass versions

XB04
XB05
XB06H
XB06H+
XB06L
XB10
XB12H
XB12M
XB12L
XB20
XB24
XB30
XB37H
XB37M
XB37L
XB51H
XB51L
XB52M
XB59M
XB61H
XB61M
XB61L
XB66H
XB66L
XB70L
XB70M
XB70H

2-pass versions

XB04
XB10
XB12H
XB12M
XB12L
XB20
XB30
XB51H
XB51L
XB52M

Heat exchangers with double partition:

1-pass versions

XBDW22H – Type A
XBDW22H – Type B
XBDW22H – Type C
XBDW06H
HDW44

2-pass versions

XBDW22H – Type A
XBDW22H – Type B
XBDW22H – Type C
XBDW06H

Heat exchangers

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

MARKING

The Kiwa®-mark products are marked with the word mark "KIWA 

Place of the mark: on the heat exchanger data plate or label

Compulsory specifications:

- Trade mark or logo;
- Construction (single-partition/double-partition);
- Secondary side wall material used;
- Type of the connection ends;
- Year of manufacture;
- Primary side working pressure;
- Secondary side working pressure;
- Designation of liquid intermediate medium;
- Maximum primary water temperature;
- Maximum secondary water temperature;
- Marking of primary and secondary connection ends.

Note: The type of connection ends may also be described in the installation instructions as long as it is ensured that no mistake can be made between the primary and secondary sides.

Method of marking:

- Non-erasable;
- visible after assembly.

APPLICATION AND USE

The products are intended to be used in hot water installations with a working pressure of maximum 1 MPa (10 bar) and a water temperature of maximum 90 °C.

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Danfoss A/S,
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.