



## Product certificate K48268/09

Issued 2020-10-01

Replaces K48268/08

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### 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** " Heat exchangers intended for the indirect heating of drinking water",  
dated 24-08-2011

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

287160711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

Heat exchangers

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**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

**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.

## Heat exchangers

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### 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 hotwater 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.