

Product certificate K6037/18

Issued 2020-09-15

Replaces K6037/17

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Expansion groups

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

Flamco B.V.

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-K630: "Expansion groups for closed water heaters and pressure relief valves for water" dated 2018-12-01.

Including the requirements from

NEN-EN 1488: 2000: "Building valves – Expansion groups – Test and requirements"

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

CERTIFICATE

28/01/2011

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Expansion groups

PRODUCT SPECIFICATION

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

Prescor IC 1/2"

IC fill, Nominal size: DN 15, nominal set pressure 800 kPa, article number: 27160

- Connection end expansion tank: 15 mm compression fitting;
- With integrated and secured CV-fill device to be applied in a central heating system of 45 kW or less capacity and filled with drinking water only (without additives)
- Connection to central heating installation 22 mm * 22 mm compression fitting.

IC, nominal size: DN 15, nominal set pressure 800 kPa, article number: 27169

IC, nominal size: DN 15, nominal set pressure 800 kPa, article number: 27173

Prescor IC 3/4"

IC, nominal size: DN 20, nominal set pressure: 800 kPa - Article number: 27190

IC, nominal size DN 20, nominal set pressure: 1.000 kPa - Article number: 27195

Flopress IC 1/2"

IC, nominal size: DN 15, nominal set pressure: 800 kPa - Article number: 27181

Private label

IC, nominal size: DN 15, nominal set pressure: 800 kPa - Article number: 27198, 27174

IC, nominal size DN 15, nominal set pressure: 1.000 kPa - Article number: 27175

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"  or ,

Place of the mark: On the body

Compulsory specifications:

- manufacturer's name or mark, on the body;
- nominal diameter DN, on the body;
- nominal relief pressure P_n in kPa; on the image;
- indication of flow direction, on the body;
- marking the different positions of the controls;
- manufacture date (month and year) or code, on the body;
- acoustic classification (if applicable), on the body;
- type-designation, on the body

The implementation of the marking as follows:

- indelible;
- visible after assembly

Method of marking:

- non-erasable;
- visible after assembly.

Expansion groups

APPLICATION AND USE

Expansion groups are designed to be used in closed in storage water heaters which are in operation for domestic use, to prevent that by heating expanded water, flows back into the supply line. In addition, they possess a provision that prevents the pressure in the hot water supply unit to come above a pre-set maximum pressure.

Expansion groups are intended for drinking water installations with a working pressure of at most 1MPa and a water temperature of at maximum of 95 °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:

- Flamco B.V.
- and, if necessary,
- Kiwa Nederland B.V.

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