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| Number | K 22411/02 | Replaces | K 22411/01 |
| Issued | 2006-05-01 | Dated | 2002-08-01 |

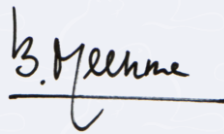
Product Certificate

**Sanitary shower heads and hand showers for
sanitary taps, according to EN 1112**

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa-mark as indicated under 'Marking', supplied by

Valfsel Armatür Sanayi A.S.

may, on delivery, be relied upon to comply with the Kiwa evaluation guideline BRL-K 658 "Sanitary shower heads and hand showers for sanitary taps, according to EN 1112".



ing. B. Meekma
Director Certification and Inspection, Kiwa N.V.

This certificate is issued in accordance with the Kiwa-Regulations for Product Certification and consists of 3 pages.
Publication of the certificate is allowed.

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Sanitary shower heads and hand showers for sanitary taps, according to EN 1112

PRODUCT SPECIFICATION

The products mentioned below belong to this certificate

| Article number | Description | Acoustic class | Hydraulic class |
|----------------|-------------|----------------|-----------------|
| 2102117068 | hand shower | I | B |

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Sanitary shower heads and hand showers for sanitary taps, according to EN 1112

APPLICATION AND USE

Sanitary shower heads and hand showers for sanitary taps according to EN 1112 are intended for application in drinking water installations within the following limits of use:

- a dynamic pressure of 50 kPa to 500 kPa;
- a maximum water temperature of 70°C.

The recommended limits for correct operation are:

- a dynamic pressure of 100 kPa to 300 kPa;
 - a maximum water temperature of 42°C.
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MARKING

The products are marked with the wordmark "KIWA"

Place of the mark:

- "KIWA" on the hand shower or shower head.

Compulsory specifications:

- name or logo of manufacturer on the hand shower or shower head;
- highest hydraulic class on the hand shower or shower head;
- least favourable acoustic group on the hand shower or shower head

Method of marking:

- Non-erasable;
 - visible after assembly
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RECOMMENDATIONS FOR CUSTOMERS:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Check at the time of delivery whether: <ol style="list-style-type: none"> 1.1 the producer has delivery in accordance with the agreement; 1.2 the mark and the marking method are correct; 1.3 the products show no visible defects as a result of transport etc. 2. If you should reject a product on the basis of the above, please contact: <ol style="list-style-type: none"> 2.1 Valfsel Armatür Sanayi A.S. at Manisa and, if necessary, 2.2 Kiwa N.V. | <ol style="list-style-type: none"> 3. Consult the producer's processing guidelines for the proper storage and transport methods. 4. Check whether this certificate is still valid by consulting the Kiwa web page www.kiwa.nl. |
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