



## SWEDISH TYPE APPROVAL 1462 WITH DECISION ON PRODUCTION CONTROL

### Holder: Oras Ltd

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### Oras Optima, faucet with associated electronic function

#### Product description

Faucet in brass (EN 817/EN 1111/EN 15091) with and without pop-up waste set and and with associated electronic function.

The faucet are installed with type-approved flexible connection hoses or connection pipes.

#### Intended use

Single-lever faucet for hot and cold tap water intended to be used in washbasins or sinks.

#### Scope

Models:

2701F, 2701FT, 2711F, 2703F, 2713F, 2713FG, 2703FT, 2705F, 2705FT, 2715F, 2720F, 2722F, 2725F, 2727F, 2734F, 1714F, 1714FZ, 1724FT and 1724FTZ

#### Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, protection regarding hygiene, health and the environment, depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62 (first sentence and paragraph 2 and general recommendations)
Tap water flow	6:623 (first sentence)
Design	6:625 (paragraph 1 and 4)

#### Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:

Product name, and relevant article number:

Production site:

Oras Ltd

Product name (article number)

Oras Sp. z.o.o./Hansa Cesko s.r.o.,  
Olesno/Kralovice, Poland/Czech  
Republic

(e.g. yyyy-mm-dd or batchnumber)

Traceability to the production:

The registered trademark of Boverket No 241 217:

Certification Body:

Accreditation number:

Type Approval No:

Inspection Body:



Kiwa Sverige AB

1913

1462

Kiwa Sverige AB



CERTIFIKAT

### Kiwa Sverige AB

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Accred. no. 1913  
Certification of  
Products  
ISO/IEC 17065

**Control**

The manufacturers' continuous internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **Kiwa Sverige AB**

Control agreement: **1168/17**

Factory production control shall be carried out in accordance with the instructions for control.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to agreement **1168/17** and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing production control.

**Associated documents**

Oras Optima - Installation and maintenance guides 943130-11-18, 943297-08-17, 943298-08-17, 943300-11-18 and 943421-08-19

**The assessment basis for the approval**

Test reports VTT-S-02661-14, VTT-S-09069-13, VTT-S-00787-14 and VTT-S-0135-12 (VTT)

Assessment reports 1312/17 and 011/20 (Kiwa Sverige AB)

**Comments**

The faucets have been tested according to EN 817/EN 1111/EN 15091 and NKB 4.

Acoustic group I for all models.

**Models:**

- 2701F, battery 3 V, single lever washbasin faucet with thermostatic control unit, press pad and pop-up waste
  - 2701FT, plug transformer (230/5 V) single lever washbasin faucet with thermostatic control unit, presspad and pop-up waste
  - 2711F, battery 3 V, single lever washbasin faucet with thermostatic control unit, press pad and pop-up waste
  - 2703F, battery 3 V, single lever washbasin faucet with thermostatic control unit, remote operated hand shower and pop-up waste
  - 2703FT, plug transformer (230/5 V) single lever washbasin faucet with thermostatic control unit, remote operated hand shower and pop-up waste
  - 2713F, battery 3 V, single lever washbasin faucet with remote operated hand shower, hose and holder
  - 2713FG, battery 3 V, single lever washbasin faucet with remote operated hand shower, eco-button , hose and holder
  - 2705F, battery 3 V, single lever washbasin faucet with thermostatic control unit, remote operated hand shower, press pad and pop-up waste
  - 2705FT, plug transformer (230/5 V) single lever washbasin faucet with thermostatic control unit, remote operated hand shower, press pad and pop-up waste
  - 2715F, battery 3 V, single lever washbasin faucet with thermostatic control unit, remote operated hand shower and press pad
  - 2720F, battery 3 V, touchless kitchen faucet with grip levers for cold and hot water and high swivel spout
  - 2722F, plug transformer (230/5 V) touchless kitchen faucet with grip levers for cold and hot water, temperature display with hot water warning and high swivel spout
  - 2725F, battery 3 V, touchless kitchen faucet with grip levers for cold and hot water, high swivel spout and electronic dishwasher valve
  - 2727F, plug transformer ( 230/5 V) touchless kitchen faucet with grip levers for cold and hot water, temperature display with hot water warning, high swivel spout and electronic dishwasher valve
  - 2734F, battery 6 V, single lever kitchen faucet med electronic dishwasher valve and high swivel spout
  - 1714F/1714FZ\*, battery 6 V, touchless washbasin faucet with a temperature adjustment handle
  - 1724FT/1724FTZ\*, plug transformer (230/12 V) touchless washbasin faucet with a temperature adjustment handle
- \*) Bluetooth models

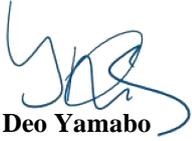
The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Sverige AB.

Date of decision: 2020-02-13

Registration number: 011/20

Valid until: 2023-03-13

Previous registration number: 1312/17



**Deo Yamabo**



**Bengt-Olov Andin**