

SINTEF confirms that

Quooker boiling water tap

has been found to be fit for use in Norway and to meet the provisions regarding product documentation given in the regulation relating to the marketing of products for construction works (DOK) and regulations on technical requirements for building works (TEK), with the properties, fields of application and conditions for use as stated in this document



1. Holder of the approval

Quooker International B.V.
 Staalstraat 1
 2984 Ridderkerk (NL)
www.quooker.com

2. Product description

Quooker boiling water tap is a faucet which provides boiling water from a separate water boiler. The faucet is delivered as a separate tap (Fig. 1) or as an integrated solution (Fig. 2). The product consists mainly of a tap, a water boiler with an integrated safety valve, a reduction valve/backflow preventer and certified supply hoses. Quooker boiling water tap is installed in the kitchen counter.

Quooker Cube 2 is an optional accessory that provide cooled and/or carbonated drinking water from the same tap. (Fig. 3)

3. Fields of application

Quooker boiling water tap is installed in the kitchen along with a kitchen tap (fig. 1) or as an integrated solution (fig. 2) as a replacement for a traditional kitchen tap. The product is used for cooking and cleaning. Examples:

- Sterilization of cutting boards and knives.
- Preparation of coffee, tea etc.
- Boling potatoes, pasta etc. (pre heating)
- Cleaning of pots and cookware.
- Carbonated water
- Cooled water

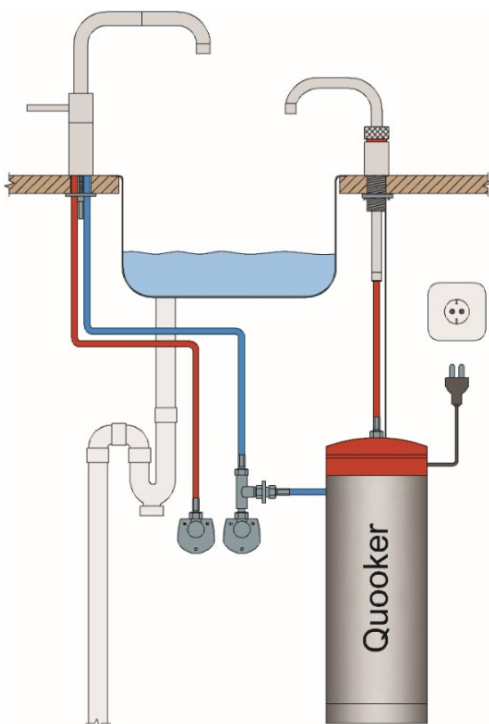


Figure 1
 Quooker separate tap

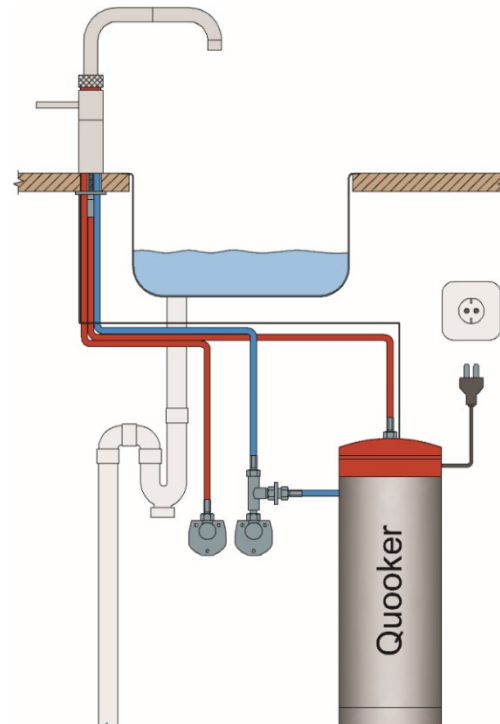


Figure 2
 Quooker integrated tap

SINTEF is the Norwegian member of European Organisation for Technical Assessment, EOTA, and European Union of Agrément, UEAtc

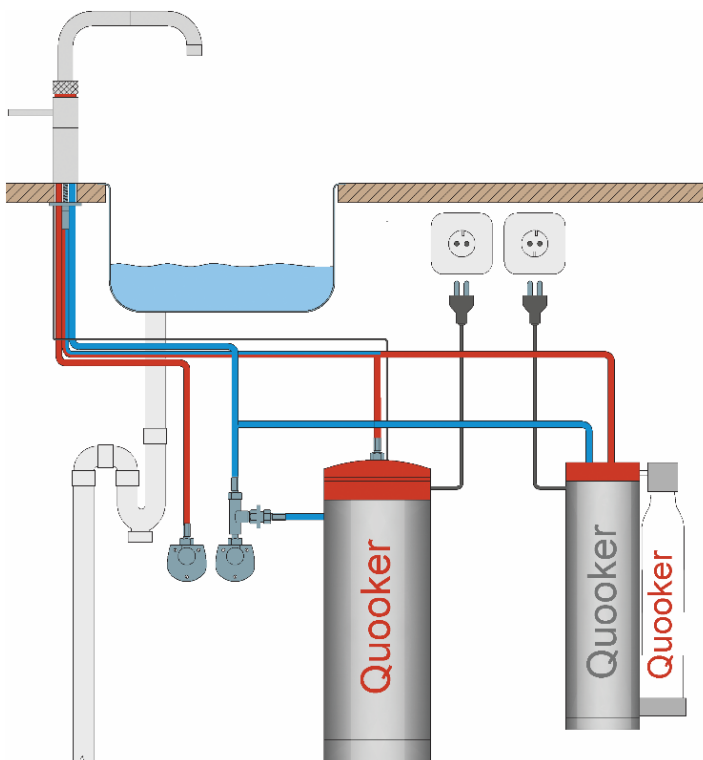


Figure 3
Quooker integrated tap and Cube 2

Table 1 Components included in the approval

Component	Function	Figure
PRO3-VAQ	Hot water boiler with integrated closing valve and expansion group	1 + 2
Flex	Faucet with integrated outlet for boiling water – pull-out version	2
Fusion	Faucet with integrated outlet for boiling water	2
Nordic Twintaps	Faucet with separate tap for boiling water	1
Nordic	Separate tap for boiling water	1
Cube 2	Cooling machine with carbonated water supply	3

4. Properties

Water tightness

Hot water boiler PRO3-VAQ has passed the functional requirements concerning water tightness according to EN 1491 and EN 1567. The system has an integrated safety valve which is activated at 9 bar.

Faucets type Flex, Fusion and Twintaps have passed the functional requirements according to EN 817 and NKB 4.

Cooling machine Cube 2 has passed functional requirements concerning water tightness according to EN 1567 and NT VVS 100

Scald safety

Flex, Fusion and Twintaps utilize the same scald safety mechanism. The mechanism requires the user to press the operating mechanism twice before turning it to draw off boiling water.

5. Environmental aspects

Substances hazardous to health and environment

Quooker boiling water tap contains no hazardous substances with priority in quantities that pose any increased risk for human health and environment. Chemicals with priority include CMR, PBT or vPvB substances.

Effect on indoor environment

Quooker boiling water tap is not tested with regard to emissions to indoor air.

Effect to potable/drinking water

Quooker boiling water tap is evaluated to emit no substances to drinking water in amounts that can cause taste, smell or is dangerous to the health.

Waste treatment/recycling

Quooker boiling water tap shall be sorted as metal and residual waste. The product shall be delivered to an authorized waste treatment plant for material and energy recovery.

Environmental declaration

No environmental declaration (EPD) has been worked out for Quooker boiling water tap.

6. Special conditions for use and installation

Leakage prevention

Quooker water tap shall always be installed with an approved active leakage detection system in the kitchen counter. Taps and other system components must be installed in such a way that possible leakages will not damage other installations or building parts.

Installation

After installation, the tap and its components should be easily accessible for maintenance and replacement of parts.

When installed, only components from the approved system can be used, see Table 1.

System components must be installed according to the installation manual.

Cleaning/maintenance

The installation manual is to be used.

Voltage

Quooker water tap operates on 220 V current.

Protection against overflow

Excess water from the boiler will be discharged into the kitchen sink via the outlet of the tap using the built-in safety valve.

7. Factory production control

Quooker boiling water tap is produced by
Quooker International B.V.
Staalstraat 1
2984 Ridderkerk (NL)

The holder of the approval is responsible for the factory production control in order to ensure that Quooker boiling water tap is produced in accordance with the preconditions applying to this approval.

The manufacturing of the product(s) and the manufacturer's system for factory production control (FPC) is subject to continuous surveillance in accordance with the contract regarding SINTEF Technical Approval.

8. Basis for the approval

The evaluation of Quooker boiling water tap is based on reports owned by the holder of the approval.

9. Marking

The products main components shall be marked with the manufacturers identity symbol and product name.

The approval mark for SINTEF Technical Approval TG 20555 may also be used.

10. Liability

The holder/manufacturer has sole product responsibility according to existing law. Claims resulting from the use of the product cannot be brought against SINTEF beyond the provisions of Norwegian Standard NS 8402

for SINTEF



Susanne Skjervø
Approval Manager