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User manual for kitchen sink and tap

TG-KS-68-W (with filtered water tap)

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1. General Information

Before installing and using the device, please read this manual carefully and follow the information contained herein. All information contained in this manual is based on the latest technical data available for the product. The manufacturer reserves the right to change the product features, packaging or type of products available at any time and without notifying users. Due to the dynamic development of the product, there may be slight differences in the design and/or description. The sketches, drawings and photographs contained in the manual are for illustrative purposes only.

The device should only be installed by a qualified person with the appropriate authorisation. The installer is obliged to carry out the installation in accordance with the manual and the applicable regulations and standards for the safety of sanitary installations. Incorrect installation, repair or replacement of the device by unqualified persons may result in permanent damage to the equipment, leaks and even flooding. When working with the device, observe all precautions indicated in the instructions, on the stickers and labels on the packaging and on the device.

The manufacturer is not liable for damage resulting from improper installation of the device, neglect of its technical condition or use of the product for purposes other than those for which it is intended. The user manual is an integral part of the set and should be kept in an accessible place throughout the entire period of use of the device. Failure to follow the recommendations contained therein may result in damage to the device, loss of warranty and inability to pursue claims under the warranty.

Waste electrical and electronic equipment (WEEE) must not be disposed of with other municipal waste. Such equipment should be taken to a specialised WEEE collection point, such as municipal waste sorting centres (PSZOK), collection points run by electrical and electronic equipment retailers (e.g. when purchasing a new device) or another location designated by the local authorities.

2. Contents of the set

Before unpacking and assembling, check the condition of the packaging. If the packaging is damaged, take photographs. Photographic documentation may facilitate any complaint proceedings.

Unpack the boxes by carefully cutting them open with a bookbinding knife. Please be careful, as incorrect cutting with a bookbinding knife may cause permanent scratches to the sink, damage, cutting of the hose, tank, etc.

After unpacking the set, check its condition and completeness. If any items are missing, or if you find any defects or other problems, please contact the seller. Minor changes may be due to continuous product development.

Kit contents:

- sink chamber

- cutting board

- 2 trays (colander and tray with drain)

- kitchen tap with pull-out spout and waterfall

- soap dispenser

- glass washer with hose

- drain set with siphon

- filtered water tap (in selected versions)

3. Product information

The kitchen sink is designed for domestic use and can be used in both small flats and large detached houses. Its modern design will enhance the visual appeal of any kitchen. The sink is made of AISI 304 stainless steel with an additional PVD anti-abrasion coating and a hydrophobic nano-coating that ensures easy drainage of water and all contaminants.

3.1. Key features

- **Pull-out spout** – functionality that makes washing dishes easier, with the option of setting three different water streams – dripping, continuous and a narrow stream with greater force, making it easier to wash away dirt.
- **Pressure washer for glasses and cups** – a very practical and functional element that facilitates washing glasses, cups, jars, containers and other dishes that are difficult to access inside.
- **Waterfall** – an element that allows you to wash vegetables, fruit or dishes with a gentle, droplet stream of water.
- **Built-in dishwashing liquid dispenser** – an accessory that allows you to get rid of bottles standing by the sink, which translates into an aesthetic appearance of the kitchen.
- **Wooden board and additional trays** – accessories that facilitate use, allow for better organisation of space and make it easier to keep the sink clean. They allow for better and more efficient washing of items and use of space.
- **Siphon with strainer** - allows you to catch larger items, which protects the pipes from clogging.
- **Filtered water spout** – an additional tap allows you to use an independent drinking water filter, so you can enjoy filtered water straight from the tap *(only in selected models)*.

4. Assembly and configuration instructions for the set

4.1. Installation and operating information

The water supply should be filtered and softened to remove calcium and iron hardness. The use of hard water can lead to rapid wear or damage to the taps. Limescale deposits can cause permanent damage to the sink components. The manufacturer is not liable for damage resulting from the use of water of inadequate quality.

The standard for plumbing connections required for water connection is 1/2 inch. At least three water connections are required for proper sink installation (four if a filtered water tap is installed). For standard installations where only one hot water connection and one cold water connection are available, it is necessary to obtain a suitable adapter to connect all components. Hot water should be connected to both the tap and the glass washer, while cold water should be connected to the tap and the water filter. To connect the filtered water filter to the tap, a 1/4-inch hose is required, which is not included with the sink, but may be available with the water filter.

When connecting running water, particular attention should be paid to cleanliness, as dirt in the pipes can cause the tap to malfunction or even cause permanent damage. The working water pressure should be between 0.1 MPa and 0.5 MPa (1 to 5 bar). If the pressure is higher, a pressure reducer must be used. The maximum ambient temperature a n d water temperature supplied to the system should not exceed 60°C. Electric heaters should be placed at a safe distance from hoses and seals to avoid damage from high temperatures.

Before installing the hoses to the tap, it is advisable to use sealant to reduce the risk of damage and facilitate installation. It is recommended to permanently attach the sink chamber to the worktop, for example with sanitary silicone, to ensure a stable and tight connection.

The soap dispenser can be easily refilled from the top by removing its pump.

4.2. Sink installation

1. To install the sink in the worktop, cut a hole with the following dimensions: The external dimensions of the sink are approx. 680 mm x 450 mm.
   The hole in the worktop should be approx. 650 mm x 420 mm.
2. Connect the hoses to the mixer as shown in the photo, i.e. looking from the front of the mixer (from the waterfall side): hot water on the left (red), cold water on the right (blue), water outlet to the tap (black).
   If the set includes a different tap, please refer to section 6.1 or contact your dealer.

3. Install the glass washer, soap dispenser, filtered water tap and tap in the designated places in the sink compartment (as shown in the photo).

Below is an example of how to connect the set to the water system using T-pieces and how to connect the filter. **T-pieces and the filter with accessories are not included in the set. The photo is for illustrative purposes only.**

4. Install and adjust the position of the weight on the hose to the main tap. It is initially recommended to install the weight so that when the spout is retracted, the upper edge of the weight is level with the bottom of the sink. Further adjustment depends on your preferences.

5. Install the overflow drain with a pipe on the sink wall.

6. Install the sink in the prepared worktop.
7. Connect the water hoses to the plumbing. Install the drain and siphon to the sink.
8. Connect the overflow drain to the siphon. Connect the pipe from the siphon to the sewage system.

5. Maintenance

The sink should be cleaned regularly with water and washing-up liquid or mild chemicals designed for cleaning sinks. Do not use abrasive cleaners, wire scourers or other rough or sharp objects.

To remove limescale marks, you can use a solution of water and vinegar in a 1:1 ratio. Spray the sink with the solution or wipe it with a damp cloth and rinse after a few minutes. You can also use special descaling products.

To avoid water stains, wipe the sink dry with a soft cloth after use.

6. Troubleshooting

6.1.Connecting hoses to the tap

Below is a diagram showing how to connect hoses to various taps that were available on the market (view from below, waterfall visible at the top).

Black tap

Tap with a gold knob

6.1.Insufficient number of outlets

In order to increase the number of outputs for connection, use an adapter that increases the number of outputs, e.g. a T-piece.

6.2.Problems with different thread sizes

In order to connect the sink to the installation, use appropriate adapters that allow you to change the thread size. Examples of solutions are shown below.

6.3.Filtered water connection

Press the 1/4-inch hose into the filtered water tap connector and pull gently to lock the hose into the connector. The sleeve at the end of the connector will slide out gently with the hose and tighten to form a tight connection.

7. Warranty terms

TECHGLOBE Sp. z o.o., address: ul. Kolejowa 12, 23-200 Kraśnik, NIP: 9462697129, REGON: 386106096, (hereinafter referred to as: **"Guarantor")** grants the Buyer a warranty for the quality of the **TECHGLOBE** brand sink **(**hereinafter referred to as: **"Product")**. The following warranty terms and conditions apply only to products purchased by consumers within the meaning of Article 22^1 of the Civil Code for purposes not related to business activity.

1. The warranty applies only to Products purchased and installed in Poland. In the event of export of the product abroad, the guarantor's obligations are assumed by an authorised distributor.
2. The buyer is obliged, under pain of losing their warranty rights, to:
   a. ensure the correct installation of the Product in accordance with the installation instructions, applicable standards and legal regulations, good building practice, and in accordance with the Product documentation;
   b. report any defect in the Product within 7 days of its occurrence.
3. The warranty is granted for a period of 2 years from the date of purchase of the Product.
4. During the warranty period, the time for removing a defect in the Product within the scope of the Guarantor's liability shall not exceed 30 days from the date of reporting the defect, although in justified cases the time for removing the defect may be extended, in particular if it is necessary to wait for spare parts, the need to obtain the necessary opinions of the component manufacturer regarding the causes of the damage, or the need to obtain the opinions of independent institutions.
5. The method of removing defects during the warranty period shall be determined by the Guarantor on a case-by-case basis. All parts and materials replaced during warranty repairs shall become the property of the Guarantor.
6. The Guarantor shall not be liable for damage caused to persons or property resulting from improper use and operation of the Product, its improper installation or failure to follow the recommendations contained in the Product documentation.
7. Defects discovered during the warranty period should be reported to the Guarantor via email:**kontakt@techglobe.pl** or via the contact form available on the Guarantor's website, or by telephone at: **(+48) 510 510 945**.
8. The warranty does not include the right to claim compensation for lost profits in connection with Product defects.
9. The Guarantor shall not be liable for any damage to persons or property that may be caused by a defect in the Product.
10. The warranty does not cover defects and damage to the Product:
    a. caused by mechanical damage caused by the Installer, User or Purchaser;
    b. caused by external factors and/or factors beyond the Guarantor's control, in particular such as the degree of mineralisation (hardness) of the water. The maximum permissible concentration of chemical/mineral compounds (mg/l) in the water supplying the exchanger covered by the warranty for the sink is:
       I. chlorides – 250 mg/l;

II. magnesium – 10 mg/l;
III. Water pH between 6.5 and 9.5;
IV. sodium – 150 milligrams per litre;
V. total water hardness – CaCO3 – max. 250 mg/l;VI. sulphates – 200 mg/l.

c. caused by using the Product contrary to its intended purpose, operating instructions and safety regulations;
d. caused by lack of or improper maintenance and care;
e. caused by improper use, including mechanical damage, the use of aggressive chemicals, abrasive and sharp agents;
f. due to independent modifications;
g. due to wear and tear of parts during normal operation (gaskets);
h. caused by external mechanical or atmospheric factors, lightning strikes, etc., in particular as a result of storms, floods, fires and similar fortuitous events or force majeure;
i. caused by improper transport or storage of the Product;
j. caused by low temperatures (in particular frost damage);
k. caused by limescale build-up;
l. caused by chemical compounds contained in water, stray currents, water hardness and electrolytic corrosion, i.e. pipe corrosion;
m. defects in connection fittings resulting from the use of connectors made of materials other than brass or stainless steel. Do not use galvanised connectors. Do not use galvanised hydrophores before cold water enters the sink;
n. caused by improper installation and assembly of consumable or naturally worn parts;
o. caused by failure to carry out maintenance and care procedures.

11. The coatings of the products should be checked by the Buyer immediately after purchase. Mechanical damage to the coatings excludes the Guarantor's liability;
12. The warranty covers only defects and faults in the Product caused by the manufacturer;
13. The Buyer shall lose the warranty in the event of unauthorised interference with the design and/or construction of the Product, as well as the use of spare parts other than those dedicated by the Guarantor.
14. The Guarantor reserves the right to issue a one-time consent to a third party to replace parts and/or repair the Product. Such consent will be sent to the e-mail address provided by the Buyer.
15. If the Guarantor determines that it is not possible to repair the reported defect in the Product at the Buyer's premises, the Product shall be repaired at the Guarantor's premises, and the Buyer may receive a replacement Product for the duration of the repair.
16. The Guarantor may refuse to perform a warranty repair without any claims from the Buyer if:
    a. access to the Product is not ensured;
    b. In order to replace the Product, it is necessary to dismantle other devices, partition walls, etc.
17. The warranty does not exclude the Buyer's rights under the warranty for defects, unless such warranty has been excluded to the extent permitted by law.