

evenes®



TEG 5 - 10

WARNINGS

⚠ The appliance may be used by children older than 8 years old, elderly persons and persons with physical, sensory or mental disabilities or lacking experience and knowledge, if they are under supervision or taught about safe use of the appliance and if they are aware of the potential dangers.

⚠ Children should not play with the appliance.

⚠ Children should not clean or perform maintenance on the appliance without supervision.

⚠ Installation should be carried out in accordance with the valid regulations and according to the instructions of the manufacturer and by qualified staff.

⚠ The water heater is constructed for cross-flow (non-pressure) system of installation!

⚠ Before connecting it to the power supply, the water heater must be filled with water!

⚠ If the heater is to be disconnected from the power supply, please drain any water from the heater to prevent freezing.

⚠ Please do not try to fix any defects of the water heater on your own. Call the nearest authorised service provider.



Our products incorporate components that are both environmentally safe and harmless to health, so they can be disassembled as easily as possible and recycled once they reach their final life stage.

Recycling of materials reduces the quantity of waste and the need for production of raw materials (e.g. metals) which requires a substantial amount of energy and causes release of harmful substances. Recycling procedures reduce the consumption of natural resources, as the waste parts made of plastic and metal can be returned to various production processes. For more information on waste disposal, please visit your waste collection centre or the store where the product was purchased.

**Dear buyer, thank you for purchasing our product.
Prior to the installation and first use of the electric water heater, please read these instructions carefully.**

This water heater has been manufactured in compliance with the relevant standards and tested by the relevant authorities as indicated by the Safety Certificate and the Electromagnetic Compatibility Certificate. The technical characteristics of the product are listed on the label affixed between the inlet and outlet pipes. The installation must be carried out by qualified staff. All repairs and maintenance work within the water heater, e.g. lime removal, must be carried out by an authorised maintenance service provider.

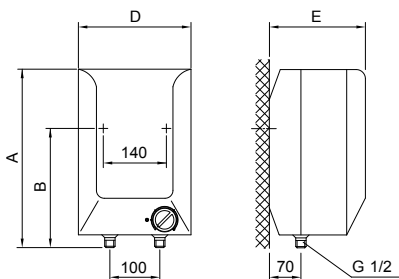
INSTALLATION

The water heater shall be built in according to the drawing and table with dimensions in a premise where there is no frost, as close as possible to the water outlets. It has to be fitted to the wall using appropriate wall screws with a minimum diameter of 5 mm.

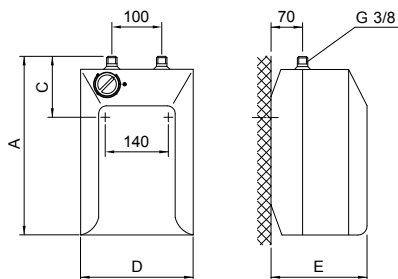
With regard to the needs, you can chose execution above the sink (TEG 0520 O/A; TEG 1020 O/A) or an execution under the sink (TEG 0520 U/A; TEG 1020 U/A).

	A	B	C	D	E
TEG 0520 O/A	390	264		256	213
TEG 0520 U/A	390		138	256	213
TEG 1020 O/A	471	371		310	265
TEG 1020 U/A	471		196	310	265

Connection and installation dimensions of the water heater [mm]



Execution above the sink



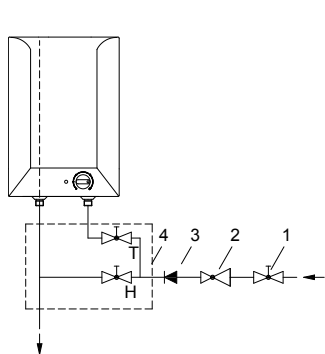
Execution under the sink

CONNECTION TO THE WATER SUPPLY

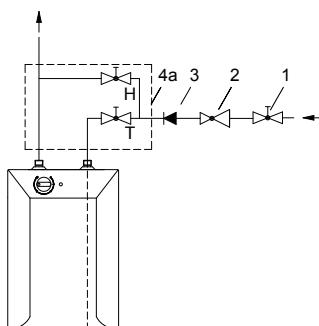
The water heater is constructed for cross-flow (non-pressure) system of installation. This system enables supply of water only at one outlet point. The connection must be performed correspondingly to the diagram of the water supply.

For cross-flow system of installation an adequate mixing tap must be purchased. For the execution above sink is needed a mixing tap above sink, and for execution under the sink the mixing tap under the sink. Inlet of cold water is marked with blue colour and the outlet of hot water is marked with red colour. Upon the inlet pipe before the mixing tap it is mandatory to built-in a non-return valve preventing the running of water of the tank if the water in the network runs short. If the pressure in water supply network surpasses 5 bar, before the mixing tap also a reduction valve must be built in.

By choice of the cross-flow mixing tap, particular attention must be paid to the data of supplier about reduction of pressure by the resistance appearing by flow of water through the mixing tap. By entirely open outlet valve this must not surpass 0,2 bar. To the outlet pipe of mixing tap no device driven by water or spray nozzle may be connected, which could cause the increase of pressure in the tank of the water heater. If these instructions shall not be respected during the operation, a damage of the heater may occur.



Execution above the sink



Execution under the sink

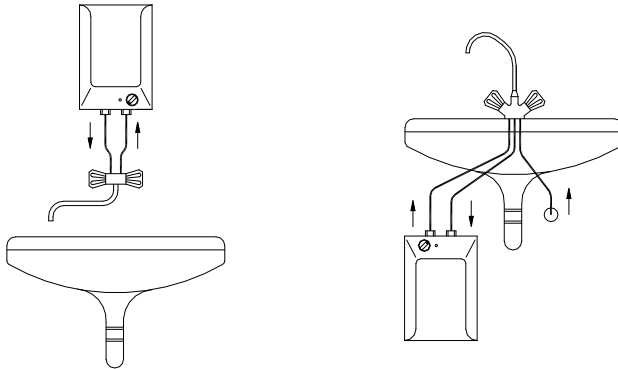
Legend:

- 1 - Closing valve
- 2 - Pressure reduction valve
- 3 - Non-return valve
- 4 - Cross-flow mixing tap - above sink

4a - Cross-flow mixing tap - under sink

H - Cold water

T - Hot water



Prior to the electric connection, the heater must be obligatorily filled with water. By first filling the faucet for the hot water upon the mixing tap must be opened. The heater is filled with water when the water starts to run through the outlet pipe of the mixing tap. If the heater at connection would not be filled with water, at first switching-on the damage of thermal fuse shall occur and the heater shall not operate at all.

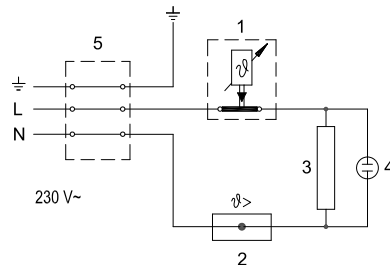
CONNECTING THE WATER HEATER TO THE POWER SUPPLY NETWORK

Connection of the water heater to the electric network must be performed according to standards for electric installation. The heater shall be connected to electric power supply over electric cable with plug. If the built-in cable shall be replaced with a new longer, the built-in cable may be removed and the new connecting cable inserted where the cable wires shall be screwed to the connection terminal. In order to do this the plastic lining of the water heater must be removed. This is done so that at first the plate is removed, inserted in the front side of the plastic lining. The plate is released so that in the slot between the inserted plate and the plastic lining at first at the thermostat knob and on the side in front of the knob cautiously a screwdriver is pushed in. When the plate is released at both sides, it can than be removed by hand. Than the thermostat knob is removed and the screw under the knob is unscrewed. At last also all four screws for fixing of plastic lining are unscrewed and the lining removed.

Legend:

- 1 - Thermostat
- 2 - Thermal cut-off
- 3 - Electric heating element
- 4 - Pilot lamp
- 5 - Connection terminal

- L - Live conductor
- N - Neutral conductor
- ⊕ - Earthing conductor



Electric installation

CAUTION: Before any intervention into the interior of the water heater, disconnect it from the power supply network! This intervention may only be performed by a trained professional!

OPERATION AND MAINTENANCE

After connecting to the water and power supply, the heater is ready for use. By turning the knob of thermostat at the front side of the protecting cover, the wished temperature of water 75 °C is chosen. We recommend the adjustment of the knob to the position "e". Such an adjustment is the most economic, with it the temperature of water shall be approximately 41 °C in case of TEG 0520 or 35 °C in case of TEG 1020, the excretion of lime-stone and thermal loss shall be smaller as by adjustment to higher temperature (poz. II - 55 °C in III - 75 °C).

The operation of electric immersion heaters is shown by pilot light which is lit during the time until the water in the heater is heating to the chosen temperature or to the intended switch off. During the heating the volume of water in the heater is increasing, which causes the dropping of water from the mixing valve. By strong squeezing of the mixing valve the dropping can not be stopped but the mixing valve can be damaged.

When the heater shall not be used during a longer time, its contents must be protected against freezing so that the electricity shall not be switched off, but the thermostat knob shall be adjusted to the position "*". With this adjustment the heater shall maintain the water temperature by approximately 9 °C. But when the heater is switched-off the electric network, at risk for freezing, the water must be emptied from it. Water from the heater is drained through the inlet/outlet pipe of the heater.

The outside of the heater is cleaned by mild solution of detergent. The solvents or rough cleaning means should not be used. By regular service check impeccable operation shall be assured and a long lifetime of the heater. The first check must be performed by authorised service workshop after approximately two years after the first connection. At check, it necessary lime stone must be cleaned which with regard to the quality, quantity and temperature of the water used is gathered in the inside of the water heater. Service workshop shall after check recommend also the date of next check.

Never try to repair any possible faults of the heater by yourself, but inform about it the nearest authorised service workshop.

TECHNICAL PROPERTIES OF THE APPLIANCE

Type		TEG 0520 O/A	TEG 0520 U/A	TEG 1020 O/A	TEG 1020 U/A
Declared load profile		XXS	XXS	XXS	XXS
Energy efficiency class ¹⁾		A	A	A	A
Water heating energy efficiency (η_{wh}) ¹⁾	[%]	35,2	35	35,3	35,1
Annual electricity consumption ¹⁾	[kWh]	525	527	523	525
Daily electricity consumption ²⁾	[kWh]	2,475	2,49	2,464	2,477
Thermostat temperature settings		e *			
Value of "smart"		0	0	0	0
Volume	[l]	5,5	5,7	9,8	9,9
Weight / Filled with water	[kg]	3,5 / 8,5		4 / 14	
Power of electrical heater	[W]	2000			
Voltage	[V~]	230			
Protection class		I			
Degree of protection		IP24			
Heating time from 10 °C to 65 °C	[min]	10		20	
Packaging dimensions	[mm]	215x265x425		275x320x500	

* The "e" position of the regulation knob corresponds to a water temperature of approx. 41 °C by TEG 0520 and 35 °C by TEG 1020

1) EU Regulation 812/2013; EN 50440

2) EN 50440

WE RESERVE THE RIGHT TO MAKE CHANGES THAT DO NOT IMPAIR THE FUNCTIONALITY OF THE DEVICE.