

# BROCHURE

## ELECTRICAL STORAGE WATER HEATERS



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**Made in Ukraine**



*Chaika*



### Our background

Electrical water heaters are outputted at our plant facilities in the city of Odessa, Ukraine. Great demand to our items is caused by our quality and wide experience in production (since 2001). Water heaters of our production excel West European analogues in groundbreaking technology innovation, advanced materials and contemporary design.

### Quality performance is achieved by 3 factors:

1. Team of highly-skilled professionals, engineers and manufacturing technicians. Employees on the staff are kept being well-trained. A
2. Combination of high tech technologies along with component parts and accessories of good quality. Hot titanium enamel tank protection (with no organic impurities) by wet process prevents corrosion. By containing no CFC, ecologically clean polyurethane foam insulation reduces to minimum heat losses. Thermostats, heating elements and magnesium anodes are supplied by leading European producers. Automation of production leads to peak efficiency.
3. Multisample inspection of water heaters.

### Easy-to-buy

Diversified range of affiliations and partners all over Ukraine makes it very easy to buy our products. Despite of location, any customer shall count on welcome reception, speedy and viable solution as well as expert advice while selecting a particular water heater.

### Good quality customer service

High-quality service is achieved due to telephone hotline available for our customers, warranty and post warranty maintenance. We became publicly known because of 12 years' unblemished reputation. *Harmony & comfort* is believed to be our company's corporate Mission Statement.

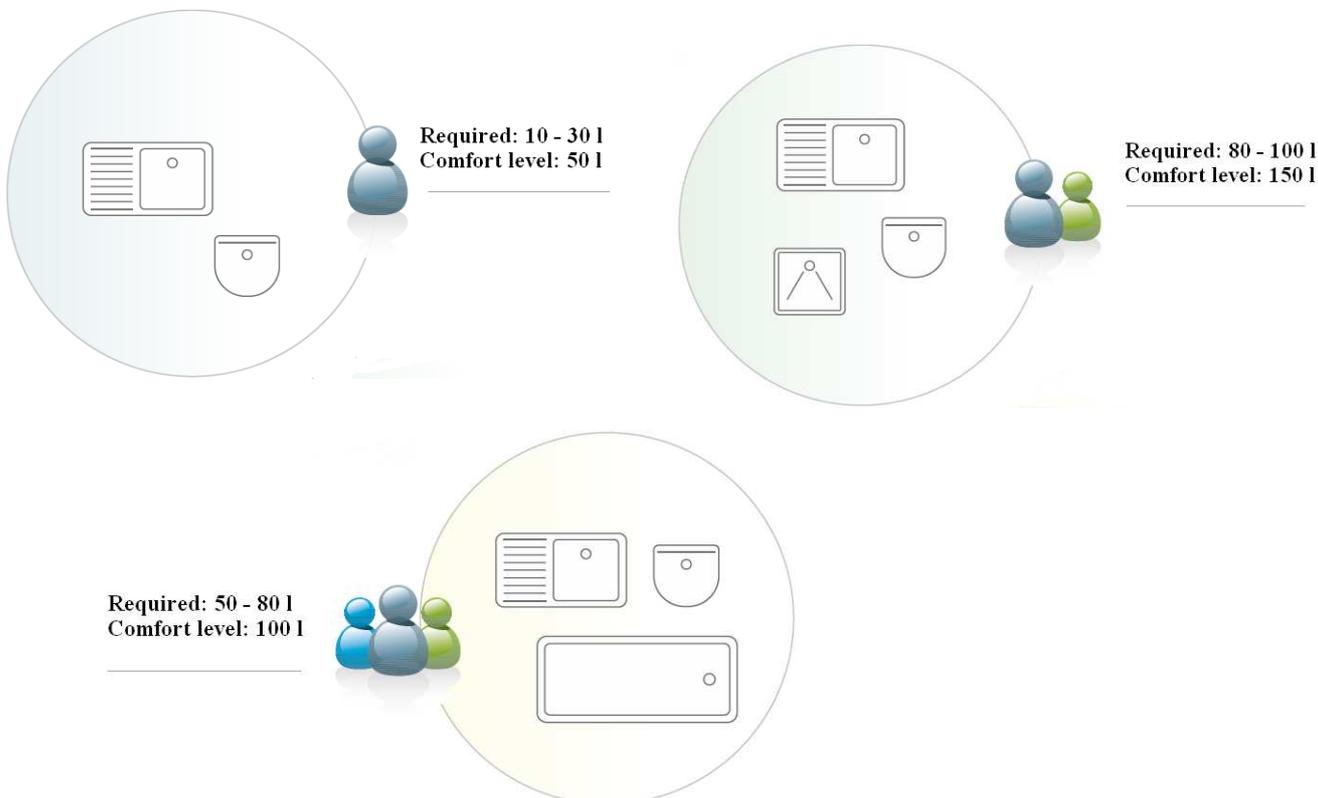


### Dominate features

1. Contemporary, ergonomic and cozy design approach.
2. Available external water heating controller.
3. 2-year warranty on electric parts and components.
4. Titanium enamel tank protection by wet process.
5. High energy efficiency rating due to high-quality polyurethane insulation.
6. Initial heat-up time decrease due to powerful heating elements (1,8 kW).
7. Available product range as per capacity and consumer preferences.
8. Component parts and accessories are of European production.
9. Due to upper cover made of advanced materials water heater has a space saving size and elegant look alongside perfectly matches interior design and decorations.
10. Made in Ukraine.

### Selecting a new water heater

Considering the size of your family and the utilities in your area, compare choices below to determine water heater best suited for You.



## ELECTRICAL STORAGE WATER HEATER, A type



A-50 model is very efficient when relatively small volumes of hot water required (up to 150 l at a time). 50 l water heater is more than enough for a family of 2 or 3 to take shower or simply bath a child. Space-saving size serves well for kitchen, bathroom, hotel room with shower cabin, country house and sales outlet. It proves useful in case of minor interruptions in hot water supply.



A-80 provides up to 245 l of hot water at a time. When pipeline temperature is 22,5°C, water heater temperature is 75°C while mixture temperature is 40°C. Model is publicly known for its overall dimensions, capacity, heating time, power consumption and pricing. It serves well for apartments, small private house, weekend & holiday house, beauty salon, coffee bar, hotel etc.



A-100 provides up to 300 l of hot water at a time. When pipeline temperature is 22,5°C, water heater temperature is 75°C while mixture temperature is 40°C. Models suits a family of three or four alongside those who like swashing in bath. Space-saving size makes compact assembly. Water heater serves well for a cottage, small gymnasium, sauna, hotel, restaurant, camping, and service center etc.

Model	A-50	A-80	A-100
Capacity, l	50	80	100
Height, mm	553	735	916
Depth, mm	465	465	465
Diameter, mm	460,5	460,5	460,5
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"
Max. weight (empty), kg	17,2	21,3	26,1
Package dimensions, mm	516x516x630	516x516x814	516x516x992
Rated pressure, bar	6	6	6
Glass-ceramic steel water tank	+	+	+
Protective Mg anode	+	+	+
Max. heating temperature, °C	77	77	77
Protection Rating	IP 24	IP 24	IP 24
Protection index	I	I	I
Rated power consumption, W	1200/1500	1500/2000	1500/200
Electrical supply, V/Hz	220/50	220/50	220/50
Heat-up time ( $\Delta T=50^{\circ}\text{C}$ ), min	147	186	252

## General data

Thermostat



Heating element



Anode rod



Flange



<p>Adjustable thermostat knob is designed to perform 3 functions at a time: temperature control, safe use and automatic mode. Adjustable knob is used to control power consumption, total costs as a result. It runs in a <i>simply turn it on and forget it</i> way (the so called fully automatic mode).</p>	<p>Standard heating element made of copper is corrosion resistant. It is energy efficient, provides quick heat-up time and operates smoothly at reduced voltage. Heating element is specially designed for use in our area to run despite variations in supply voltages.</p>	<p>Magnesium anode rod is used to prevent any corrosion of a water heater. It is also widely used for a kind of reliable protection against the so called aggressive substances found in water.</p>	<p>Entire electric unit (magnesium anode, heating element and thermostat) is secured to the tank with a separate 5-bolt solid steel flange.</p>
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## Technical features



5-year warranty on internal tank



full compliance to Ukrainian standards



2-year warranty on electric parts and components



high-quality insulation



glass-ceramic enamel with titanium alloys



open-type heating element



long-life performance



vertical installation



sound comfort



protection rating



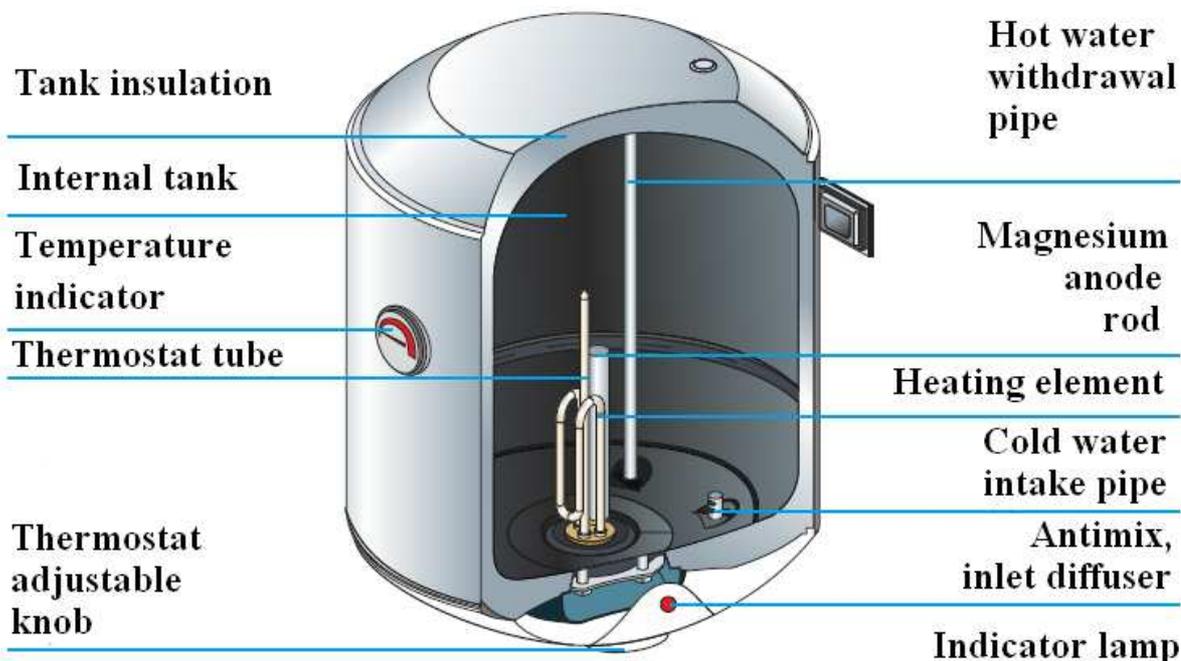
multi functional safety valve (as a set)



antifreeze function

## ELECTRICAL STORAGE WATER HEATER, EWH–V type

Publicly known for great design and quality performance. All models are equipped with external temperature controller as well as external thermometer and water heating indicator. Wall-hung water heaters are designed for vertical installation only.



Model	EWH–50V	EWH–80V	EWH–100V
Capacity, l	50	80	100
Height, mm	580	762	943
Depth, mm	465	465	465
Diameter, mm	460,5	460,5	460,5
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"
Max. weight (empty), kg	17	21	26
Package dimensions, mm	516x516x630	516x516x814	516x516x992
Rated pressure, bar	6	6	6
Glass-ceramic steel water tank	+	+	+
Protective Mg anode	+	+	+
Max. heating temperature, °C	77	77	77
Protection Rating	IP 24	IP 24	IP 24
Protection index	I	I	I
Rated power consumption, W	1800	1800	1800
Electrical supply, V/Hz	220/50	220/50	220/50
Heat-up time ( $\Delta T=50^{\circ}\text{C}$ ), min	147	186	252



**Technical features:**



5-year warranty on internal tank



2-year warranty on electric parts and components



glass-ceramic enamel with titanium alloys



long-life performance



sound comfort



multi functional safety valve (as a set)



protection rating



full compliance to Ukrainian standards



high-quality insulation



open-type heating element



vertical installation



external temperature controller



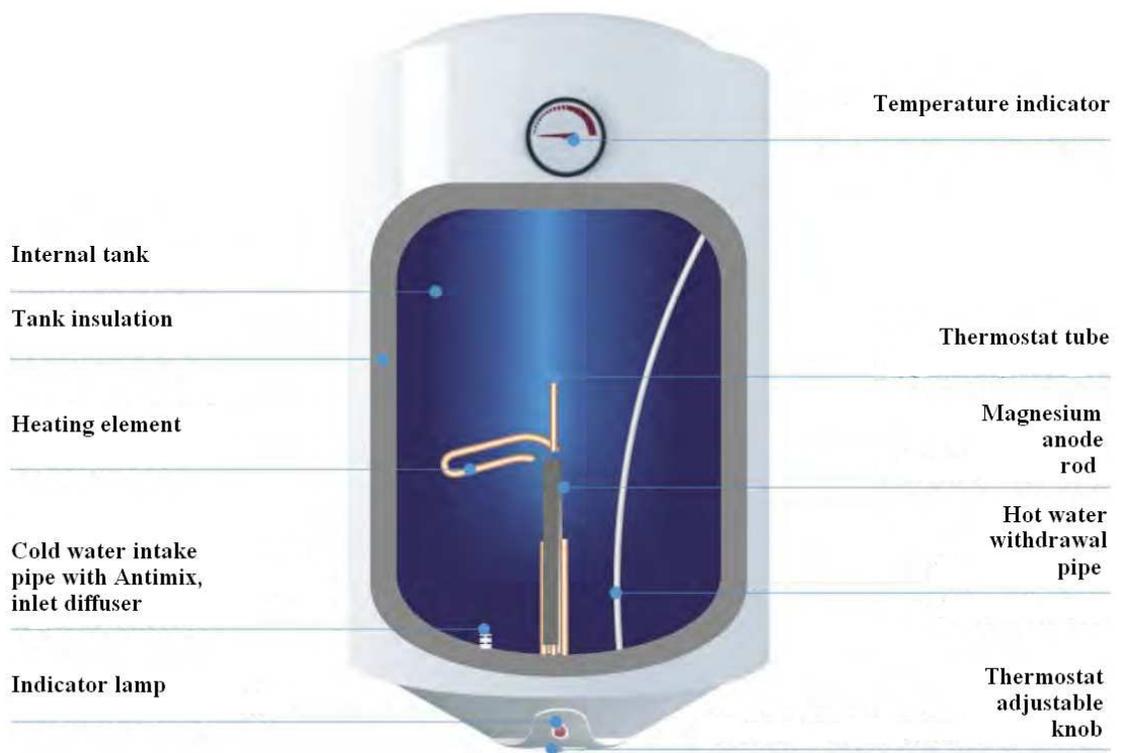
antifreeze function

## ELECTRICAL STORAGE WATER HEATER, EWH-U type

Publicly known for contemporary design and top quality. All models are equipped with external temperature controller as well as external thermometer and water heating indicator. Wall-hung water heaters are designed for both, vertical and horizontal installation.



Model	EWH-50U	EWH-80U	EWH-100U
Capacity, l	50	80	100
Height, mm	580	762	943
Depth, mm	465	465	465
Diameter, mm	460,5	460,5	460,5
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"
Max. weight (empty), kg	17	21	26
Package dimensions, mm	516x516x630	516x516x814	516x516x992
Rated pressure, bar	6	6	6
Glass-ceramic steel water tank	+	+	+
Protective Mg anode	+	+	+
Max. heating temperature, °C	77	77	77
Protection Rating	IP 24	IP 24	IP 24
Protection index	I	I	I
Rated power consumption, W	1800	1800	1800
Electrical supply, V/Hz	220/50	220/50	220/50
Heat-up time ( $\Delta T=50^{\circ}\text{C}$ ), min	147	186	252



**Technical features:**



5-year warranty on internal tank



2-year warranty on electric parts and components



glass-ceramic enamel with titanium alloys



long-life performance



sound comfort



protection rating



multi functional safety valve (as a set)



full compliance to Ukrainian standards



high-quality insulation



open-type heating element



vertical installation



horizontal installation

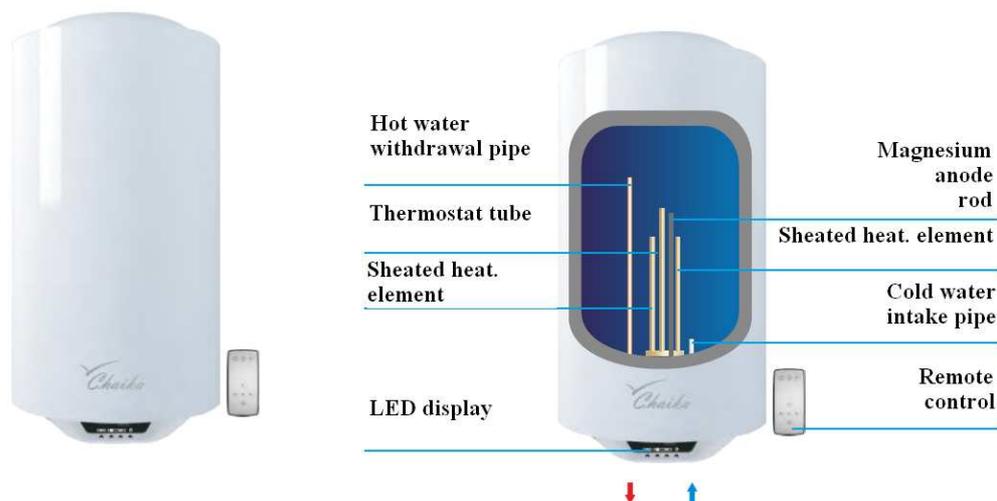


external temperature controller



antifreeze function

## ELECTRICAL STORAGE WATER HEATER, EWH–VD type



Water heater with dry heating element is a combination of up-to-date design, unique quality and advanced technique. Developed for use with hard water and equipped with twin heating element. There is no direct contact with water. In comparison with standard copper heating element heat produced per square meter by dry heating element is much greater.

As a result, water is heated up in a smooth and continuous manner whereas scaling is reducing dramatically. Also twin element design makes it very easy to provide maintenance service, repairs and heating element exchange. 2 heating elements enhance operational reliability of water heater. Should one of heating elements cease working, there is no stop in hot water supply. Only one heating element running alongside adjustable water temperature control improves energy efficiency of water heater.

Model	EWH–50VD	EWH–80VD	EWH–100VD
Capacity, l	50	80	100
Height, mm	590	772	952
Depth, mm	465	465	465
Diameter, mm	462	462	462
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"
Max. weight (empty), kg	18	23	27
Package dimensions, mm	516x516x630	516x516x814	516x516x992
Rated pressure, bar	6	6	6
Glass-ceramic steel water tank	+	+	+
Protective Mg anode	+	+	+
Max. heating temperature, °C	77	77	77
Protection Rating	IP 24	IP 24	IP 24
Protection index	I	I	I
Rated power consumption, W	2x800=1600	2x800=1600	2x800=1600
Electrical supply, V/Hz	220/50	220/50	220/50
Heat-up time ( $\Delta T=50^{\circ}\text{C}$ ), min	100	155	195

## Technical features:



7-year warranty on internal tank



2-year warranty on electric parts and components



dry heating element



glass-ceramic enamel with titanium alloys



long-life performance



sound comfort



protection rating



multi functional safety valve (as a set)



full compliance to Ukrainian standards



high-quality insulation



LED display



vertical installation



external temperature controller



voice messaging



antifreeze function



antibacterial setting



language selection



remote control



energy-saving setting



water heating-up setting



self-diagnosis test



adjustable water temperature control



twin heating element

## ELECTRICAL STORAGE WATER HEATER, EWH–(U)G type

Water heaters are specially developed for use with water of high salt contents. All models are equipped with gold–flashed heating element. Such a coating does not react with acids, alkalis and salts found in water. It provides high corrosion resistance and prevents scale build–up on heating element. Scale build–up prevention improves energy efficiency due to lower power consumption and power loss. Lack of scale build–up also prevents overheating and extends life performance of water heater.

Model	EWH–50(U)G	EWH–80(U)G	EWH–100(U)G
Capacity, l	50	80	100
Height, mm	630	762	943
Depth, mm	465	465	465
Diameter, mm	461	461	461
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"
Max. weight (empty), kg	17	21	26
Package dimensions, mm	516x516x630	516x516x814	516x516x992
Rated pressure, bar	6	6	6
Glass-ceramic steel water tank	+	+	+
Protective Mg anode	+	+	+
Max. heating temperature, °C	77	77	77
Protection Rating	IP 24	IP 24	IP 24
Protection index	I	I	I
Rated power consumption, W	1800	1800	1800
Electrical supply, V/Hz	220/50	220/50	220/50
Heat–up time ( $\Delta T=50^{\circ}\text{C}$ ), min	147	186	252



Gold–flashed heating element



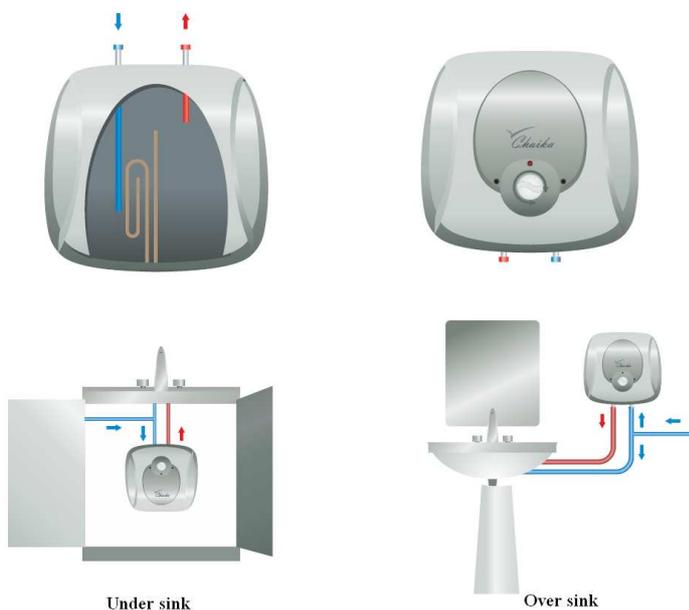
### Technical features:

	5-year warranty on internal tank		full compliance to Ukrainian standards
	2-year warranty on electric parts and components		high-quality insulation
	gold-flashed heating element (option to dry heating element)		open-type heating element
	glass-ceramic enamel with titanium alloys		vertical installation
	long-life performance		external temperature controller
	sound comfort		antifreeze function
	multi functional safety valve (as a set)		protection rating

## ELECTRICAL STORAGE WATER HEATER of low capacity

Water heaters are the most efficient way to provide hot water for hand-wash basins. All models are equipped with external temperature controller. Being compact in size, water heaters are easy to install in the kitchen or bathroom. Powerful heating element provides ultra-fast heat up.

Water heaters are designed for vertical over & under sink installation only.



Under sink

Over sink

Model	EWH-10 O	EWH-25 O	EWH-10 U	EWH-25 U
Capacity, l	10	25	10	25
Height, mm	372	455	372	455
Depth, mm	265	350	265	350
Cold feed/hot draw-off connections	1/2"	1/2"	1/2"	1/2"
Max. weight (empty), kg	7,7	13	7,7	13
Package dimensions, mm	400x490x500	400x490x500	400x490x500	400x490x500
Inlet/outlet position	under	under	over	over
Rated pressure, bar	8	8	8	8
Glass-ceramic steel water tank	+	+	+	+
Protective Mg anode	+	+	+	+
Max. heating temperature, °C	75	75	75	75
Protection Rating	IP 24	IP 24	IP 24	IP 24
Protection index	I	I	I	I
Rated power consumption, W	2000	2000	2000	2000
Electrical supply, V/Hz	220/50	220/50	220/50	220/50
Heat-up time (to 40°C), min	16	38	16	38

**Technical features:**



5-year warranty



full compliance to Ukrainian standards



glass-ceramic enamel with titanium alloys



high-quality insulation



long-life performance



open-type heating element



sound comfort



vertical installation



multi functional safety valve (as a set)



external temperature controller



protection rating



antifreeze function