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the **comfort** zone



Water Heaters



# MAIN ADVANTAGES OF TESI ELECTRICAL STORAGE WATER HEATERS

## GLASS CERAMIC PROTECTION



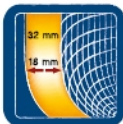
TESY water heater tanks are produced by the latest technology for glass-ceramic coating. The glass-ceramic coating assures protection against corrosion and high level of water hygiene. It guarantees long life and reliable work of the water heater.

## AUTOMATIC PLASMA WELDING OF THE WATER HEATER'S TANK



TESY water tanks are produced with state-of-the-art automatic PLASMA WELDING technology. This is a process of fusing two metals using no extra welding materials. This technology ensures homogeneous structure of the completed seam, higher strength and resistance to mechanical load.

## HIGH EFFICIENT THERMO-INSULATION



Efficient thermo-insulation from high density CFC-free polyurethane guarantees minimum heat losses and energy saving operation of the appliance.

## ADJUSTABLE THERMOSTAT WITH 4 TEMPERATURE SETTINGS



**ANTIFREEZE protection**



**SUMMER mode**



**WINTER mode**



**ANTIBACTERIAL mode**

## LIME SCALE PROTECTION



**ANTICALC**

The coated protective sleeve of the stainless steel heating element prevents the heating element from contact with the water. This ensures longer useful life of the appliance, minimum scale deposit, noiseless heating of the water and energy saving operation of the appliance.

## CAPILLARY THERMOSTAT



The capillary thermostat is a high-class component assuring precise temperature regulation and providing high reliability of the working process of TESI water heaters.

A special sensor of the capillary thermostat, positioned high in the water tank guarantees precise temperature control, safety and user comfort (for Premium line with mechanical control and Base Line A04 only).

## RTS PLUS THERMOSTAT



Ensures precise control regulating the water temperature by sensor, positioned high in the water tank. RTS PLUS ensures the safety of the water heater and gives additional functional advantages to TESI water heaters.



#### TURBOLATOR (PATENTED)



Unique technical innovation with no analog on the market!

The TURBOLATOR is integrated inside the serpentine and has specific perforation designed to intersperse the heating transfer fluid and to provide better efficiency. It ensures higher energy yield from the serpentine. Serpentine with integrated TURBOLATOR could have up to 26 % higher power output and ensures faster heating of the water. The TURBOLATOR is integrated in all TESY models up to 150L.

#### THERMOSENSOR POCKET



Models with pockets allow installation of thermosensor. The sensor assures precise water temperature control. It prevents overheating and minimizes heat losses.



GCV Diameter 36 cm



GCH Diameter 45 cm (left / right installation)



TESY product range

BASE Line

**TESY**  
the **comfort** generation

GCV Diameter 45 cm



Height (m)	Capacity (L)
0.55 m	50 L
0.78 m	80 L
0.93 m	100 L
1.08 m	120 L
1.35 m	150 L

GCV Diameter 47 cm - Electronic control



Height (m)	Capacity (L)
0.78 m	80 L
0.92 m	100 L
1.07 m	120 L
1.29 m	150 L



TESY product range

PREMIUM Line

**TESY**  
the **comfort** generation

GCV Diameter 47 cm - Mechanical control



Height (m)	Capacity (L)
0.78 m	80 L
0.92 m	100 L
1.07 m	120 L
1.29 m	150 L



# why choose TESI water heaters

- > TESI water tanks withstand high pressure, tanks are tested at 16 bar;
- > Glass-ceramic protection of the water tank, ensures corrosion protection;
- > Reliable electrical components from leading European manufacturers;
- > Stainless steel hot water outlet.



**High efficient thermo-insulation**



**Moisture-proof switch**



**Adjustable thermostat**



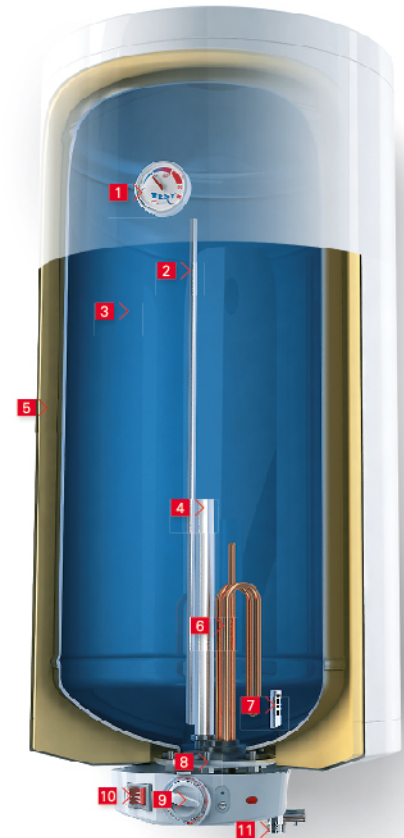
A04 TSRA <■  
Adjustable thermostat/ anode tester/ switch



A03 TSR <■  
Adjustable thermostat / switch



- 1 > Thermoindicator
- 2 > Stainless steel hot water outlet
- 3 > Glass-ceramic coating of the water tank
- 4 > Magnesium anode
- 5 > High density CFC Free polyurethane insulation for minimum heat losses
- 6 > Electric heating element
- 7 > Incoming cold-water diffuser
- 8 > Flange allowing easy replacement of the magnesium anode and the heating element
- 9 > Models with Capillary and Stem thermostat
- 10 > Moisture-proof switch
- 11 > Safety valve 8 bar





MODELS

TECHNICAL CHARACTERISTICS

	Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [liters]	Diameter [mm]	Working pressure	Protection of the tank	Insulation	Switch ON/OFF	Thermo indicator
<b>TESY GCV303612 A03 TSR</b>	230V~50Hz	1200	vertical	30	353	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV503615 A03 TSR</b>	230V~50Hz	1500/2000	vertical	50	353	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV603615 A03/A04</b>	230V~50Hz	1500/2000	vertical	60	353	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV803615 A03 TSR</b>	230V~50Hz	1500/2000	vertical	80	353	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV504515 A03 TSR</b>	230V~50Hz	1500/2000	vertical	50	440	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV804515 A03 TSR</b>	230V~50Hz	1500/2000	vertical	80	440	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV1004520 A03 TSR</b>	230V~50Hz	2000/3000	vertical	100	440	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV1204520 A03 TSR</b>	230V~50Hz	2000/3000	vertical	120	440	0.8 MPa	Glass ceramic	18	+/-	+
<b>TESY GCV1504520 A03 TSR</b>	230V~50Hz	2000/3000	vertical	150	440	0.8 MPa	Glass ceramic	18	+/-	+

The design and technical data specified in the catalogue are subject of change without notice.

# Vertical models

# BASE Line

Safety valve	Heating time from 15 °C to 65 °C	Dimensions [m]			Weight (net) [kg]
		H	W	L	
+	1h 29 min	0.520	0.370	0.350	11.8
+	2h / 1h 27 min	0.790	0.370	0.350	17.7
+	2h 19 min / 1h 45 min	0.920	0.370	0.350	19.5
+	3h 10 min / 2h 20 min	1.130	0.370	0.350	23.3
+	2h / 1h 27 min	0.550	0.460	0.440	17.6
+	3h 10 min / 2h 20 min	0.780	0.460	0.440	21.35
+	2h 55 min / 1h 57 min	0.930	0.460	0.440	24
+	3h 30 min / 2h 20 min	1.080	0.460	0.440	28
+	4h 21min / 2h 54 min	1.300	0.460	0.440	33.5

All models are glass ceramic coated, equipped with flange and long life magnesium anode.



# why choose TESY water heaters



**Magnesium anode**



**Switch ON/OFF**



**Adjustable  
thermostat**

## ■> LIME SCALE PROTECTION

The coated protective sleeve of the stainless steel heating element prevents the heating element from contact with the water.

This ensures longer useful life of the appliance, minimum scale deposit, noiseless heating of the water and energy saving operation of the appliance.



**ANTICALC**

Moisture-proof switch with  
two different power settings -  
economical and fast heating

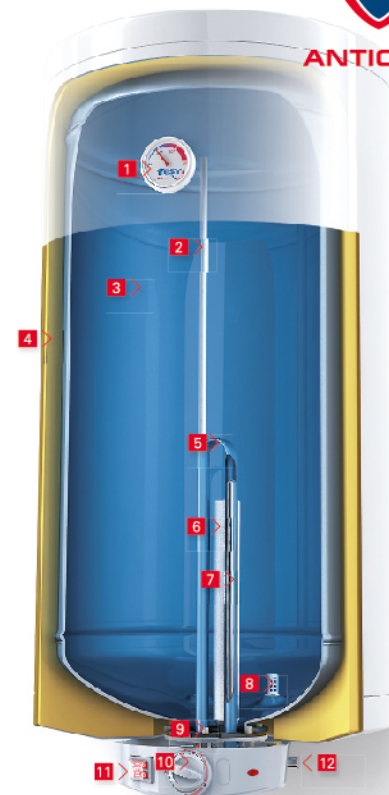






ANTICALC

- 1 > Thermoindicator
- 2 > Outgoing stainless steel outlet
- 3 > Glass-ceramic coating of the water tank
- 4 > Insulation of high density CFC Free polyurethane foam for minimum heat losses
- 5 > Glass-ceramic coated protective sleeve
- 6 > Magnesium anode with 3 years of useful life
- 7 > Electric dry heating element
- 8 > Incoming cold-water diffuser
- 9 > Flange allowing easy replacement of the magnesium anode and the heating element
- 10 > Capillary thermostat
- 11 > Moisture-proof switch
- 12 > Safety valve 8 bar



## TECHNICAL CHARACTERISTICS

### MODELS

MODELS	Rated voltage [V-Hz]	Rated Power (2 power settings) [W]			Installation	Capacity [liters]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Switch ON/OFF
		Max	Med	Min							
<b>TESY GCV3036 16D A04 ANTICALC</b>	230V~50Hz	1600	800	800	vertical	30	353	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV5036 16D A04 ANTICALC</b>	230V~50Hz	1600	800	800	vertical	50	353	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV8036 20D A04 ANTICALC</b>	230V~50Hz	2000	1200	800	vertical	80	353	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV8036 24D A04 ANTICALC</b>	230V~50Hz	2400	1200	1200	vertical	80	353	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV5045 16D A04 ANTICALC</b>	230V~50Hz	1600	800	800	vertical	50	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV8045 20D A04 ANTICALC</b>	230V~50Hz	2000	1200	800	vertical	80	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV8045 24D A04 ANTICALC</b>	230V~50Hz	2400	1200	1200	vertical	80	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV10045 20D A04 ANTICALC</b>	230V~50Hz	2000	1200	800	vertical	100	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV10045 24D A04 ANTICALC</b>	230V~50Hz	2400	1200	1200	vertical	100	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV12045 24D A04 ANTICALC</b>	230V~50Hz	2400	1200	1200	vertical	120	440	0.8 MPa	Glass ceramic	18	+/-
<b>TESY GCV15045 24D A04 ANTICALC</b>	230V~50Hz	2400	1200	1200	vertical	150	440	0.8 MPa	Glass ceramic	18	+/-

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Thermo indicator	Safety valve	Heating time on max or min power setting $\Delta t$ 50K (65-15)			Weight (net) [kg]	Dimensions [m]		
		Max. power	Med. power	Min. power		H	W	L
+	+	1h 05 min	2h 11 min	2h 11 min	12.3	0.520	0.370	0.350
+	+	1h 49 min	3h 38 min	3h 38 min	18.2	0.790	0.370	0.350
+	+	2h 20 min	3h 52 min	5h 48 min	23.9	1.130	0.370	0.350
+	+	1h 56 min	3h 52 min	3h 52 min	23.9	1.130	0.370	0.350
+	+	1h 49 min	3h 38 min	3h 38 min	17.6	0.550	0.460	0.440
+	+	2h 20 min	3h 52 min	5h 48 min	21.8	0.780	0.460	0.440
+	+	1h 56 min	3h 52 min	3h 52 min	21.8	0.780	0.460	0.440
+	+	2h 55 min	4h 51 min	7h 15 min	25	0.930	0.460	0.440
+	+	2h 25 min	4h 50 min	4h 50 min	25	0.930	0.460	0.440
+	+	2h 54 min	5h 48 min	5h 48 min	29.3	1.080	0.460	0.440
+	+	3h 38 min	7h 15 min	7h 15 min	34.8	1.300	0.460	0.440

All models are glass ceramic coated, equipped with flange and long life magnesium anode.

# why choose TESI water heaters



**Serpentine**



**High efficient  
thermo-insulation**



**Adjustable  
thermostat**

## ■ > SERPENTINE

Economical, effective and reliable solution for connection to central heating or different type of closed heating system. Wide range of horizontal and vertical models.

## ■ > DOUBLE INTEGRATED SERPENTINE

Two separate serpentes allowing connection to two different alternative power sources for simultaneous water heating.

## ■ > TURBOLATOR (PATENTED)

The TURBOLATOR is integrated inside the serpentine and has specific perforation designed to intersperse the heating transfer fluid and to provide better efficiency. It ensures higher energy yield from the serpentine.

## ■ > THERMOSENSOR POCKET

Models with pockets allow installation of thermosensor. The sensor assures precise water temperature control. It prevents overheating and minimizes heat losses.



# BASE Line

BASE Line with one heat exchanger

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BASE Line with two integrated heat exchangers

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## TECHNICAL CHARACTERISTICS

MODELS with one heat exchanger

Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Inlet/Outlet of the Heat Exchanger	Thermo indicator
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**TESY GCV6S (L) 804530 A03 TSR TURBO**

230V~50Hz	3000	vertical	80	440	0.8 MPa	Glass ceramic	18	3/4	+
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**TESY GCV9S (L) 1004530 A03 TSR TURBO**

230V~50Hz	3000	vertical	100	440	0.8 MPa	Glass ceramic	18	3/4	+
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**TESY GCV9S (L) 1204530 A03 TSRP TURBO**

230V~50Hz	3000	vertical	120	440	0.8 MPa	Glass ceramic	18	3/4	+
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**TESY GCV9S (L) 1504530 A03 TSRP TURBO**

230V~50Hz	3000	vertical	150	440	0.8 MPa	Glass ceramic	18	3/4	+
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MODELS with two integrated heat exchangers

Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Inlet/Outlet of the Heat Exchanger	Thermo indicator
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**TESY GCV7/4S2 (L) 10045 20 A03 TSRP**

230V~50Hz	2000	vertical	100	440	0.8 MPa	Glass ceramic	18	3/4	+
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**TESY GCV7/4S2 (L) 12045 20 A03 TSRP**

230V~50Hz	2000	vertical	120	440	0.8 MPa	Glass ceramic	18	3/4	+
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**TESY GCV7/4S2 (L) 15045 20 A03 TSRP**

230V~50Hz	2000	vertical	150	440	0.8 MPa	Glass ceramic	18	3/4	+
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Safety valve	Thermo well	Heating time from 15 °C to 65 °C	Product H	Dimensions [m]		Weight (net) [kg]	Heat exchanger Surface [m <sup>2</sup> ] Output [kW] *60-80 °C	
				W	L		M <sup>2</sup>	kW
+	-	1h 33 min	0.780	0.460	0.450	29.2	0.47	13.8
+	-	1h 57 min	0.930	0.460	0.450	35.9	0.7	18.8
+	1 pc.	2h 20 min	1.080	0.460	0.450	38.8	0.7	18.8
+	1 pc.	2h 54 min	1.300	0.460	0.450	44.3	0.7	18.8

Safety valve	Thermo well	Heating time from 15 °C to 65 °C	Heat exchangers Surface [m <sup>2</sup> ]		Product H	Dimensions [m]		Weight (net) [kg]	Heat exchangers Output [kW] *60-80 °C	
			S1	S2		W	L		S1	S2
			+	1 pc.		2h 37 min	0.5		0.3	0.930
+	1 pc.	3h 11 min	0.5	0.3	1.080	0.460	0.450	41.4	13.5	8.1
+	1 pc.	4h 04 min	0.5	0.3	1.300	0.460	0.450	47	13.5	8.1

\*out-in going temperature of the heat-exchanger fluid

# why choose TESI water heaters



**Moisture proof switch**



**High efficient thermo-insulation**



**Adjustable thermostat**

- > TESI water tanks withstand high pressure, tanks are tested at 16 bar;
- > Glass-ceramic protection of the water tank, ensures corrosion protection;
- > Reliable electrical components from leading European manufacturers;
- > Stainless steel hot water outlet.

## MODELS

## TECHNICAL CHARACTERISTICS

	Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Switch ON/OFF	Thermo indicator
<b>TESY GCH/GCHL 8045 20 A03 TS</b>	230V~50Hz	2000	Horizontal	80	440	0.8 MPa	Glass ceramic	18	+	+
<b>TESY GCH/GCHL 10045 20 A03 TS</b>	230V~50Hz	2000	Horizontal	100	440	0.8 MPa	Glass ceramic	18	+	+
<b>TESY GCH/GCHL 12045 20 A03 TS</b>	230V~50Hz	2000	Horizontal	120	440	0.8 MPa	Glass ceramic	18	+	+

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# Horizontal models

# BASE Line

## TECHNICAL SPECIFICATIONS

- > Glass-ceramic protection of the water tank;
- > High efficient thermo-insulation;
- > Adjustable thermostat with 4 temperature settings;
- > Antifreeze mode;
- > Moisture-proof switch.

Horizontal water heaters TESI are available in two modifications – left (GCHL) and right (GCH) installation.



Safety valve	Heating time from 15 °C to 65 °C	Product Dimensions [m]			Weight (net) [kg]
		H	W	L	
+	2h 20 min	0.450	0.460	0.780	21.5
+	2h 55 min	0.450	0.460	0.930	24.7
+	3h 30 min	0.450	0.460	1.080	28.3

All models are glass ceramic coated, equipped with flange and long life magnesium anode.



# why choose TESI water heaters



Serpentine



High efficient  
thermo-insulation



Adjustable  
thermostat

## ■> TURBOLATOR (PATENTED)

The TURBOLATOR is integrated inside the serpentine and has specific perforation designed to intersperse the heating transfer fluid and to provide better efficiency. It ensures higher energy yield from the serpentine.

## ■> SERPENTINE

Economical, effective and reliable solution for connection to central heating or different type of closed heating system. Wide range of horizontal and vertical models.

## ■> THERMOSENSOR POCKET

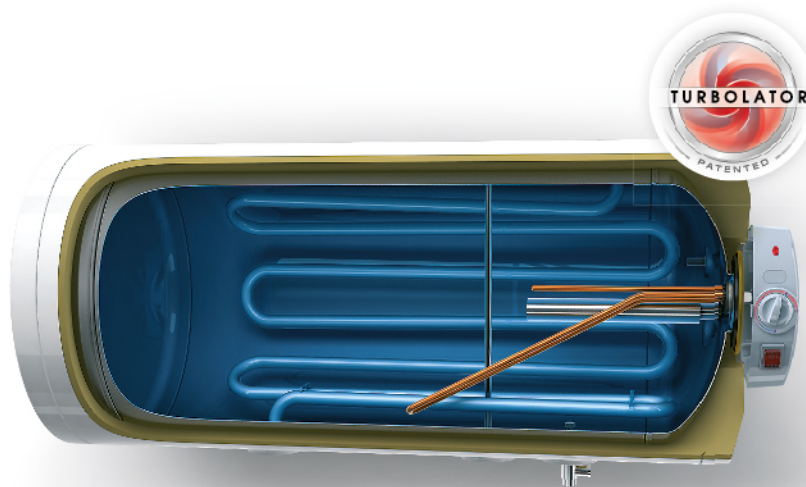
## MODELS

## TECHNICAL CHARACTERISTICS

	Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Inlet/Outlet of the Heat Exchanger	Thermo indicator
<b>TESY GCHMS 8045 30 A04 TSR</b>	230V~50Hz	3000	Horizontal	80	440	0.8 MPa	Glass ceramic	18	3/4	+
<b>TESY GCHMS 12045 30 A04 TSRP</b>	230V~50Hz	3000	Horizontal	120	440	0.8 MPa	Glass ceramic	18	3/4	+

The design and technical data specified in the catalogue are subject of change without notice.





Working pressure of the serpentine	Safety valve	Thermo well	Heating time from 15 °C to 65 °C	Weight (net) [kg]	Heat exchanger		Product H	Dimensions [m]	
					Surface [m <sup>2</sup> ]	Output [kW]		W	L
					*60-80 °C				
					S	P			
0.6 MPa	+	-	1h 33 min	25.7	0.26	5.66	0.450	0.460	0.780
0.6 MPa	+	1 pc.	2h 20 min	33.3	0.34	8.5	0.450	0.460	1.080

\*out-in going temperature of the heat-exchanger fluid



# why choose TESI water heaters



**High efficient thermo-insulation**



**Magnesium anode**



**Accurate electronic thermostat**



**Adjustable thermostat**

- > TESI water tanks withstand high pressure; tanks are tested at 16 bar
- > High efficiency FCF-free thermo insulation with 32 mm thickness guarantee minimum heat losses
- > Glass-ceramic protection of the water tank, ensures corrosion protection
- > Reliable electrical components from leading European manufacturers
- > Stainless steel hot water outlet



## TECHNICAL CHARACTERISTICS

MODELS	Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Diameter [mm]	Working pressure	Protection of the tank	Insulation [mm]	Switch ON/OFF	Thermo indicator
<b>TESY GCV8047 20 P61/P62</b>	230V~50Hz	2000	Vertical	80	470	0.8 MPa	Glass ceramic	32	+	+
<b>TESY GCV10047 20 P61/P62</b>	230V~50Hz	2000	Vertical	100	470	0.8 MPa	Glass ceramic	32	+	+

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PRECISE ELECTRONIC CONTROL - **P62**

- > Digital thermo indicator with accuracy  $\pm 1$  °C /LED display/;
- > Precise electronic control of the thermostat; accuracy  $\pm 1$  °C;
- > Maximum hot water temperature - 75 °C;
- > Self-diagnostic system and alarm indication;
- > Multilevel electronic protection provides maximum security of the appliance;
- > Anode tester - checks the magnesium anode status;
- > Switch ON/OFF.

MECHANICAL CONTROL - **P61**

- > Power output 2 kW;
- > Adjustable thermostat;
- > Anode tester;
- > Analogue thermoindicator;
- > Switch On/OFF.

Safety valve	Heating time from 15 °C go 65 °C	Product Dimensions [m]			Weight (net) [kg]
		H	W	L	
+	2h 20 min	0.776	0.470	0.490	22.4
+	2h 55 min	0.923	0.470	0.490	24.9

All models are glass ceramic coated, equipped with flange and long life magnesium anode.

# why choose TESI water heaters



**ON/OFF switch**



**Above sink installation**



**Under sink installation**



**Adjustable thermostat**

- > Compact line water heaters are the best solution for hot water in the kitchen or for premises located far from the main hot water source.
- > Models for above and under sink installation.

## TECHNICAL CHARACTERISTICS

	Rated voltage [V-Hz]	Rated Power [W]	Installation	Capacity [L]	Working pressure	Protection of the tank	Insulation [mm]	Safety valve
<b>GCA 0615 M01 RC</b>	230V~50Hz	1500	Above the sink	6	0.75 MPa	Glass ceramic	12	+
<b>GCU 0615 M01 RC</b>	230V~50Hz	1500	Under the sink	6	0.75 MPa	Glass ceramic	12	+
<b>TESY GCA 1015 SRC</b>	230V~50Hz	1500	Above the sink	10	0.8 MPa	Glass ceramic	19	+
<b>TESY GCU 1015 SRC</b>	230V~50Hz	1500	Under the sink	10	0.8 MPa	Glass ceramic	19	+
<b>TESY GCA 1515 SRC</b>	230V~50Hz	1500	Above the sink	15	0.8 MPa	Glass ceramic	19	+
<b>TESY GCU 1515 SRC</b>	230V~50Hz	1500	Under the sink	15	0.8 MPa	Glass ceramic	19	+

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# Small capacity water heaters

# COMPACT Line

- > Compact size;
- > Glass-ceramic protection of the water tank;
- > Flange allowing easy maintenance of the appliance;
- > Functional control panel - on/off switch and adjustable thermostat;
- > Light indicators;
- > Safety valve;
- > Stainless steel hot water outlet.



Heating time from 15 °C go 65 °C	Weight (net) [kg]	Product dimensions [m]		
		H	W	L
14 min	5.5	0.365	0.160	0.265
14 min	5.5	0.365	0.160	0.265
23 min	6.50	0.410	0.370	0.250
23 min	6.50	0.410	0.370	0.250
35 min	8.50	0.410	0.370	0.310
35 min	8.50	0.410	0.370	0.310



All models are glass ceramic coated, equipped with flange and long life magnesium anode.



# why choose TESI water heaters



**Easy and space saving installation**



**Metal flow-regulating mixing tap**



**3 power settings**  
(available for TESI Yunga 06 KI model)



**Power cord with plug** (only for TESI Yunga 035 KI)

■ > **Metal flow-regulating mixing tap** (available for all TESI Yunga models)

The mixing tap allows easy installation and provides comfort temperature of hot water. The appliance has to be mounted directly to the mixing tap without necessity of wall mounting.

■ > **Power cord with plug** (only for TESI Yunga 035 KI).

The appliance is equipped with power cord with plug which allows fast connection.

## TECHNICAL CHARACTERISTICS

### MODELS

	Rated voltage [V-Hz]	Rated Power [W]			Application	Flow rate ( $\Delta t$ 25° C) l/min.	Installation	Working pressure	Diameter INLET / OUTLET	Recommended Fuse Rating [A]
		Max.	Med.	Min.						
<b>TESY YUNGA 3.5 KI</b>	230V~50Hz	3500	-	-	kitchen	2	open type	0 MPa	1/2	16
<b>TESY YUNGA 06 KI</b>	230V~50Hz	6000	3500	2500	bathroom	3.4	open type	0 MPa	1/2	32

The design and technical data specified in the catalogue are subject of change without notice.

■ > Three power settings (available for TESI Yunga 06 KI model)

The double switch gives possibility for two-power setting operation of the appliance - economical and high.



Recommended  
cable size  
[mm<sup>2</sup>]

Accessory Kit

Product dimensions  
[m]  
H W L

Weight  
(net)  
[kg]

4	Metal flow-regulating mixing tap	0.250	0.110	0.180	1.67
4	Metal flow-regulating mixing tap	0.250	0.110	0.180	1.84

# Choosing instantaneous water heater - what should we know?

Temperature range	instantaneous water heater maximum power output
$\Delta t$ 15 °C	3.5 kW
$\Delta t$ 20 °C	3.4 l / min
$\Delta t$ 25 °C	2.4 l / min
$\Delta t$ 30 °C	2.0 l / min
$\Delta t$ 35 °C	1.6 l / min

Table showing flow rate intensity at constant increase of the temperature ( $\Delta t$ ) depending on the appliance's maximum power output.

$\Delta t$  - difference between the inlet and outlet water flow temperature

X.X l/min. - indicates hot water flow at fixed power output and fixed temperature increase of the water.

## Advantages of instantaneous water heaters compared to electric storage water heaters:

- > Instantaneous heating of the water - takes a few seconds;
- > Unlimited amount of hot water;
- > Up to 30 % lower electricity consumption compared to storage water heaters - water is heated only in case of consumption. No heat losses.
- > Compact size - save space

## Disadvantages of instantaneous water heaters compared to electric storage water heaters:










- > High power output model YUNGA 06 KI requires independent electricity installation with separate fuse;
- > Instantaneous water heaters are used only for one point of hot water supply
- > Insufficient flow rate in case of demand of high temperature / over 60 °C / water

TESY recommends you to use these appliances

- for premises that are not constantly occupied - summer houses, etc.
- For premises located in areas with higher average - annual temperatures
- Subsidiary and office premises - garages, basements etc.
- Commercial premises - restaurants, bars, shops etc.

# How to choose the right electric storage water heater for your household



					
	10 L	15 L	15 L	30 L	30 L
	30 L	60 L	80 L	100 L	120 L
	50 L	80 L	100 L	120 L	150 L
	100 L	120 L	120 L	150 L	300 L

**TESY**  
the comfort generation

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