



Heat where you want it

Electric water heaters |  
Storage tanks | Buffer tanks |  
DHW heat pumps

[www.tikigroup.eu](http://www.tikigroup.eu)

## Global successes

Since 2019, the Tiki Group has been part of the global Swedish corporation NIBE Industries. NIBE respects local knowledge and developed brands, which makes the Tiki Group feel great in such international company. Tiki and NIBE offer a comprehensive range of environmentally friendly and energy-saving solutions: from large-volume water heaters and hot water storage tanks to heat pumps for domestic hot water and space heating.

The Tiki Group consists of Tiki HVAC d.o.o. in Velenje and the Tiki factory in Stara Pazova (Serbia). In Velenje, in addition to management and sales, there is also a development department with 30 top experts, and the entire production has been taking place since January 2011 in a modern factory in Stara Pazova. Today, Tiki is at home in three countries, Sweden, Slovenia and Serbia – and the whole world knows about the top products of the former technical institute!

## Historical milestones

TIKI owes its name to the Technical Institute of Metal Industry, which was founded in Ljubljana in 1951. In 1978 it became part of the Gorenje Group and gained a reputation as one of the leading manufacturers of water heaters at home and abroad. Tiki started its first production in Ljubljana, where the factory operated until 2010. In July 2006, with the purchase of part of LIFAM (*Livnica i fabrika agro-mehanizacije*), the process of moving production to Stara Pazova began, where the first water heater was made in January 2007 from semi-products produced in the Ljubljana factory. In January 2011, a comprehensive process already started in Stara Pazova, from welding boilers to enamelling. By the end of 2010, the entire production of Tiki devices had moved to Stara Pazova. Today, the factory has more than 500 employees on a total area of 11 hectares.

## Energy saving and environmental justice

In the seventy years of development, Tiki's view of the future also changed radically. The sources of our everyday heat are no longer appreciated today if we do not handle all resources carefully: people, energy and the environment. Tiki water heaters are energy efficient, environmentally friendly and superbly designed, and heat pumps and DHW heat pumps are becoming smart devices that can find energy where it is most abundant: in the depths of the earth and in the heat of the sun. It is in the field of heat pumps for home heating that Tiki has masterfully combined its own technological tradition with the most contemporary global trends brought by a strong Scandinavian owner.





# A brief history of our long-lasting tradition



2020 <

**Nibe** is the  
new TIKI **owner**.

2019 <

**Hisense** became  
Gorenje Group owner.

2011 <

**Closing plant**  
in Slovenia.

2010 <

The entire production was  
activated in **Serbia plant**.

2007 <

First production started  
in **January**.

2006 <

**Relocation** of plant  
to Serbia has **started**.

2005 <

Gorenje d.d., Velenje became  
**majority share holder**.

1978 <

The company started to  
incorporate into **Gorenje Group**.

1951 <

**TIKI** was founded in Ljubljana –  
Capital Town of Slovenia.







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## Water heaters

Indispensable in the  
everyday needs.



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Visually updated water heaters combine elegant design with reliable quality based on modern technology, knowledge and many years of experience.

## TIKI Mini line - electric water heater

<b>Model:</b>	wall mounting
<b>Assembly:</b>	under or over the sink
<b>Insulation:</b>	polyurethane or styrofoam lining
<b>Surface treatment:</b>	white coat made of injection molded plastic
<b>Boiler-material:</b>	plastic polypropylene (model Mini) or enamelled steel with magnesium anode (model Mini P)
<b>Description:</b>	They are most suitable for refurbishing old buildings, laundry rooms, kitchens, laboratories and workshops. The water heater can be converted to the non - pressurised version for one single water outlet at any time, with proper connection of the mixer tap. This appliances are manufactured with dimensions that make them suitable for over and under basin installation.



### MINI

Type		TEG 5 O	TEG 5 U	TEG 10 O	TEG 10 U
Model		Mini 5	Mini BT 5	Mini 10	Mini BT 10
Load profile		XXS	XXS	XXS	XXS
Energy efficiency class <sup>(1)</sup>		A	A	A	A
Storage volume V	l	5,5	5,7	9,8	9,9
Height	mm	390	390	454	454
Width	mm	256	256	310	310
Depth	mm	213	213	265	265
Connections to the supply network		G 1/2	G 3/8	G 1/2	G 3/8
Net/gross weight/with water	kg	3,5/4/8,5	3,5/4/8,5	4/4,5/14	4/4,5/14
Working pressure	Mpa (bar)	vented	vented	vented	vented
Rated power output	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		10min	10min	20min	20min
Product code		737023	737024	737025	737026

<sup>(1)</sup> EU Regulation 812/2013; EN 50440:2016



### MINI P

Type		GT 5 O	GT 5 U	GT 10 O	GT 10 U	GT 15 O	GT 15 U
Model		Mini P 5	Mini PBT 5	Mini P 10	Mini PBT 10	Mini P 15	Mini PBT 15
Load profile		XXS	XXS	XXS	XXS	XXS	XXS
Energy efficiency class <sup>(1)</sup>		A	A	A	A	A	A
Storage volume V	l	6,2	6,6	9,8	9,9	14,8	14,9
Height	mm	396	396	500	500	500	500
Width	mm	256	256	350	350	350	350
Depth	mm	260	260	265	265	310	310
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	6,8/7,3/11,8	6,8/7,3/11,8	8/9/18	8/9/18	11/12/26	11/12/26
Working pressure	MPa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Rated power output	W	2000	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		11min	11min	20min	20min	29min	29min
Product code		736225	736226	736227	736228	736229	736230

<sup>(1)</sup> EU Regulation 812/2013; EN 50440:2016

## TIKI Primary line - electric water heater

<b>Model:</b>	round wall mounting
<b>Assembly:</b>	vertical wall mounting
<b>Insulation:</b>	high quality, environmentally friendly polyurethane foam
<b>Surface treatment:</b>	white powder colored steel coat
<b>Boiler-material:</b>	enameled steel with magnesium anode
<b>Description:</b>	Water heaters Primary line are intended for a central hot water supply from a single heater. New generation of heaters combine the modern look with reliable quality, based on modern technology, knowledge and long-term experience. They are fitted with a copper immersion heating element for strong corrosion resistance and a long useful life. With control knob (Prime M) for temperature up to 65 °C or without (models Prime). Prime CL / CR models have integrated heat exchanger for combined water heating with central heating system.



## PRIME

Type		TG 30 N	TG 50 N	TG 80 N	TG 100 N	TG 120 N	TG 150 N
Model		Prime 30	Prime 50	Prime 80	Prime 100	Prime 120	Prime 150
Load profile		S	M	M	L	L	XL
Energy efficiency class <sup>(1)</sup>		C	C	C	C	C	C
Storage volume V	l	30,4	48,1	73,0	93,4	110,7	139,8
Height	mm	459	576	781	941	1081	1296
Width	mm	454	454	454	454	454	454
Depth	mm	461	461	461	461	461	461
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	15,5/17,5/45,5	21/23/71	27/29/107	31/33/131	35/38/155	41/44/191
Working pressure	MPa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Rated power output	W	2000	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		0h 59min	1h 34min	2h 20min	3h 10min	3h 46min	4h 42min
Product code		737027	737028	737029	737030	737031	737032

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



## PRIME M

Type		TGR 30 N	TGR 50 N	TGR 80 N	TGR 100 N	TGR 120 N	TGR 150 N
Model		Prime M 30	Prime M 50	Prime M 80	Prime M 100	Prime M 120	Prime M 150
Load profile		S	M	M	L	L	XL
Energy efficiency class <sup>(1)</sup>		C	C	C	C	C	C
Storage volume V	l	30,4	48,1	73,0	93,4	110,7	139,8
Height	mm	468	585	790	950	1090	1305
Width	mm	454	454	454	454	454	454
Depth	mm	461	461	461	461	461	461
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	15,5/17,5/45,5	21/23/71	27/29/107	31/33/131	35/38/155	41/44/191
Working pressure	MPa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Rated power output	W	2000	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		0h 59min	1h 34min	2h 20min	3h 10min	3h 46min	4h 42min
Product code		736261	736262	736263	736264	736265	736266

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440: 2016



## TIKI Primary line - electric water heater



### PRIME CL\_CR

Type		TGRK 80 L / TGRK 80 D	TGRK 100 L / TGRK 100 D	TGRK 120 L / TGRK 120 D	TGRK 150 L / TGRK 150 D
Model		Prime CL 80 / Prime CR 80	Prime CL 100 / Prime CR 100	Prime CL 120 / Prime CR 120	Prime CL 150 / Prime CR 150
Load profile		M	L	L	XL
Energy efficiency class <sup>(1)</sup>		C	C	C	C
Storage volume V	l	71,3	90,7	108,0	137,1
Height	mm	790	950	1090	1305
Width	mm	454	454	454	454
Depth	mm	461	461	461	461
Heat exchanger area	m <sup>2</sup>	0,25	0,40	0,40	0,40
Connections to the supply network		G 3/4	G 3/4	G 3/4	G 3/4
Net/gross weight/with water	kg	32/110	38/135	42/159	48/195
Working pressure	MPa (bar)	0,6 (6)/0,9 (9)	0,6 (6)/0,9 (9)	0,6 (6)/0,9 (9)	0,6 (6)/0,9 (9)
Rated power output	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		2h 20min	3h 10min	3h 46min	4h 42min
Heating time from 10 to 45°C using heat exchanger <sup>(4)</sup>		37 min	24 min	28 min	35 min
Product code		736974 / 736975	736976 / 736977	736978 / 736979	736980 / 737051

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440

<sup>(4)</sup> Heating of sanitary water from 10°C to 45°C at inlet temperature of heat transfer fluid 80°C and flow rate 1000 l/h.

## TIKI Economic line - electric water heater

<b>Model:</b>	round wall mounting
<b>Assembly:</b>	vertical or horizontal wall mounting
<b>Insulation:</b>	high quality, environmentally friendly polyurethane foam
<b>Surface treatment:</b>	white powder colored steel coat
<b>Boiler-material:</b>	enameled steel with magnesium anode
<b>Description:</b>	Economic line electric heaters are heaters with electronic control unit, improved energy savings and safety use. Depending on the intended mounting space, they offer both vertical and horizontal (Econ ESU models) wall mounting. They are equipped with a heating flange with indirect dry heating elements, which improves the usability and reliability of operation (less limestone loading) and simplifies and reduces maintenance costs (no draining before repairing or replacing the heating elements). Econ E models with EcoSmart heating function water achieves up to 25% energy savings. Econ MCL / CR models have an integrated heat exchanger for combined water heating with a central heating system.



## ECON M

Type		GB 50 E5	GB 80 E5	GB 100 E5	GB 120 E5	GB 150 E5
Model		Econ M 50	Econ M 80	Econ M 100	Econ M 120	Econ M 150
Load profile		M	M	L	L	XL
Energy efficiency class <sup>(1)</sup>		C	C	C	C	C
Storage volume V	l	47,0	76,1	96,1	116,4	145,5
Wall mounting Vertical / Horizontal		V	V	V	V	V
Height	mm	590	810	955	1110	1325
Width	mm	500	500	500	500	500
Depth	mm	507	507	507	507	507
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	27/30/77	33/36/113	38/41/138	43/47/163	49/54/199
Working pressure	Mpa(bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Number of heating elements x power	W	2x1000	2x1000	2x1000	2x1000	2x1000
Rated power output	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		1h 38min	2h 37min	3h 16min	3h 55min	4h 54min
Product code		736311	736312	736313	736314	736315

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



## ECON ESU

Type		GBFU 50 E5	GBFU 80 E5	GBFU 100 E5	GBFU 120 E5	GBFU 150 E5
Model		Econ ESU 50	Econ ESU 80	Econ ESU 100	Econ ESU 120	Econ ESU 150
Load profile		M	M	L	L	XL
Energy efficiency class <sup>(1)</sup>		B	B	C	C	C
Storage volume V	l	47	76,1	96,1	116,4	145,5
Wall mounting Vertical / Horizontal		V / H	V / H	V / H	V / H	V / H
Height	mm	600	820	965	1120	1335
Width	mm	454	454	454	454	454
Depth	mm	461	461	461	461	461
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	24/27/74	30/32/110	34/36/134	41/43/161	50/52/200
Working pressure	Mpa(bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Number of heating elements x power	W	2x1000	2x1000	2x1000	2x1000	2x1000
Rated power output	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		1h 38min	2h 37min	3h 16min	3h 55min	4h 54min
Product code		736325	736326	736327	736328	736329

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



## TIKI Economic line - electric water heater



## ECON MCL\_MCR

Type		GBK 80 E5 / GBK 80 E5	GBK 100 E5 / GBK 100 E5	GBK 120 E5 / GBK 120 E5	GBK 150 E5 / GBK 150 E5
Model		Econ MCL 80 / Econ MCR 80	Econ MCL 100 / Econ MCR 100	Econ MCL 120 / Econ MCR 120	Econ MCL 150 / Econ MCR 150
Load profile		M	L	L	XL
Energy efficiency class <sup>(1)</sup>		C	C	C	C
Storage volume V	l	72,6	92,5	112,9	141,5
Wall mounting Vertical / Horizontal		V	V	V	V
Height	mm	810	955	1110	1325
Width	mm	500	500	500	500
Depth	mm	507	507	507	507
Heat exchanger area	m <sup>2</sup>	0,7	0,9	0,9	0,9
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	51/54/131	56/59/156	62/66/182	72/76/222
Working pressure	Mpa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Number of heating elements x power	W	2x1000	2x1000	2x1000	2x1000
Rated power output	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		2h 37min	3h 16min	3h 55min	4h 54min
Heating time from 10 to 45°C using heat exchanger <sup>(4)</sup>		11 min	09 min	11 min	14 min
Product code		736371 / 736372	736373 / 736374	736316 / 736317	736318 / 736319

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440<sup>(4)</sup> Heating of sanitary water from 10°C to 45°C at inlet temperature of heat transfer fluid 80°C and flow rate 1000 l/h.

## TIKI Superb line - electric water heater

<b>Model:</b>	wall mounted squared
<b>Assembly:</b>	vertical or horizontal wall mounting
<b>Insulation:</b>	high quality, environmentally friendly polyurethane foam
<b>Surface treatment:</b>	white powder colored steel coat
<b>Boiler-material:</b>	enameled steel with magnesium anode
<b>Description:</b>	Square-shaped heaters that combine maximum energy efficiency, safety and reliability. Compact line Supr F heaters with two independent hydraulically connected tanks enables an optimal ratio between the space used (vertical or horizontal mounting) and the capacity. All models are equipped with a copper immersion heater and an electronic control unit with EcoSmart function, which ensures adapted individual needs for heating of domestic hot water. Safety features such as dry firing protection, overheating protection, frost protection and anti-legionella program ensure a high level of safety.



## SUPR F

Type		FTG 30 E5	FTG 50 E5	FTG 80 E5
<b>Model</b>		<b>Supr F 30</b>	<b>Supr F 50</b>	<b>Supr F 80</b>
Load profile		S	M	M
Energy efficiency class <sup>(1)</sup>		B	B	B
Storage volume V	l	28,3	48,7	77,9
Wall mounting Vertical / Horizontal		V / H	V / H	V / H
Height	mm	635	920	1350
Width	mm	490	490	490
Depth	mm	297	297	297
Connections to the supply network		G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	22/24/50,3	31/33,5/79,7	48/51/125,9
Working pressure	Mpa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Rated power output	W	2000 W (1000+1000)	2000 W (1000+1000)	2600 W (1600+1000)
Voltage 230 V ~		+	+	+
Nominal current	A	8,7	8,7	11,3
Heating time from 10 to 65°C		0h 59min	1h 38min	2h 01min
Product code		736278	736279	736280

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



## SUPR ES

Type		OTGS 30 E5	OTGS 50 E5	OTGS 80 E5	OTGS 100 E5	OTGS 120 E5
<b>Model</b>		<b>Supr ES 30</b>	<b>Supr ES 50</b>	<b>Supr ES 80</b>	<b>Supr ES 100</b>	<b>Supr ES 120</b>
Load profile		S	M	M	L	L
Energy efficiency class <sup>(1)</sup>		B	B	B	C	C
Storage volume V	l	29,1	49,1	78,8	98,1	118,9
Wall mounting Vertical / Horizontal		V	V	V	V	V
Height	mm	510	690	950	1125	1300
Width	mm	420	420	420	420	420
Depth	mm	445	445	445	445	445
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Net/gross weight/with water	kg	19/21/49	24/26/74	31/33/111	36/38/136	41/43/161
Working pressure	Mpa (bar)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Rated power output	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
Heating time from 10 to 65°C		0h 59min	1h 38min	2h 37min	3h 16min	3h 55min
Product code		736320	736321	736322	736323	736324

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



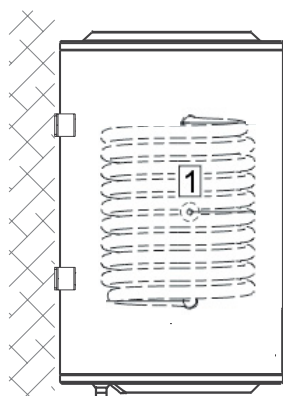
## TIKI Econ MCL/MCR – Combined electric water heater

<b>Model / assembly:</b>	Cylindrical / vertical wall mounting
<b>Insulation:</b>	Polyurethane foam
<b>Surface treatment:</b>	White lacquered steel sheet
<b>Boiler-material:</b>	Enamelled, with magnesium anode
<b>Heat exchanger:</b>	Enamealled steel spiral
<b>Description:</b>	Electric heaters combined with a spiral heat exchanger to heat water in combination with a central heating system. Max. water temperature: 75 °C. Available models with exchanger connection on the left (L) or right (R) side. The water gel is equipped with electronic control, electric dry heater, sensor hose for system connection to heating source and recirculation line connection.



Type		GBK 80 E5 / GBK 80 E5	GBK 100 E5 / GBK 100 E5	GBK 120 E5 / GBK 120 E5	GBK 150 E5 / GBK 150 E5
Model		Econ MCL 80 / Econ MCR 80	Econ MCL 100 / Econ MCR 100	Econ MCL 120 / Econ MCR 120	Econ MCL 150 / Econ MCR 150
Storage volume	l	72,6	92,5	112,9	141,5
Connections cold water / hot water		G 1/2	G 1/2	G 1/2	G 1/2
Heat exchanger		G 3/4	G 3/4	G 3/4	G 3/4
Recirculation connection		G 3/4	G 3/4	G 3/4	G 3/4
Mixed water at 40°C V40	l	110	131	164	211
Rated power output	kW	2,0	2,0	2,0	2,0
Voltage	V	230	230	230	230
Heating time from 10 to 65°C with elect. heater		2h 7min	3h 6min	3h 5min	4h 4min
Height	mm	810	955	1110	1325
Width	mm	500	500	500	500
Depth	mm	507	507	507	507
Weight (empty)	kg	51	56	62	72
Exchange power primary 80 °C, sanitary water 45 °C zg.	kW	18,75	27,07	27,07	27,07
Continuous output ΔT=35K	l/h	470	679	679	679
Working pressure storage tank / exchanger	bar	9/6	9/6	9/6	9/6
Energy efficiency class <sup>(1)</sup>		C	C	C	C
Profil pipe - sanitary water		M	L	L	XL
Product code		736371 / 736372	736373 / 736374	736316 / 736317	736318 / 736319

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



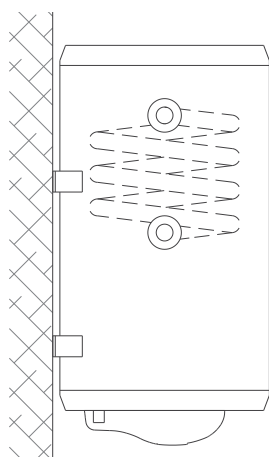
## TIKI Prime CL / Prime CR – Combined electric water heater

<b>Model / assembly:</b>	Cylindrical / vertical wall mounting
<b>Insulation:</b>	Polyurethane foam
<b>Surface treatment:</b>	White lacquered steel sheet
<b>Interior of heater:</b>	Enamelled, with magnesium anode
<b>Heat exchanger:</b>	Enamealled steel spiral
<b>Description:</b>	Electric heaters combined with a spiral heat exchanger to heat water in combination with a central heating system. Max. water temperature: 65 °C. Available models with exchanger connection on the left (L) or right (R) side. The water gel is equipped with manual control, electric dry heater, sensor hose for system connection to heating source and recirculation line connection.



Type		TGRK 80 L / TGRK 80 D	TGRK 100 L / TGRK 100 D	TGRK 120 L / TGRK 120 D	TGRK 150 L / TGRK 150 D
<b>Model</b>		<b>Prime CL 80 / Prime CR 80</b>	<b>Prime CL 100 / Prime CR 100</b>	<b>Prime CL 120 / Prime CR 120</b>	<b>Prime CL 150 / Prime CR 150</b>
Storage volume	l	71,3	90,7	108,0	137,1
Connections cold water / hot water		G 1/2	G 1/2	G 1/2	G 1/2
Heat exchanger		G 3/4	G 3/4	G 3/4	G 3/4
Recirculation connection		G 3/4	G 3/4	G 3/4	G 3/4
Mixed water at 40°C V40	l	88	130	143	211
Rated power output	kW	2,0	2,0	2,0	2,0
Voltage	V	230	230	230	230
Heating time from 10 to 65°C with elect. heater		2h 20min	3h 10min	3h 46min	4h 42min
Height	mm	790	950	1090	1305
Width	mm	454	454	454	454
Depth	mm	461	461	461	461
Weight (empty)	kg	32	38	42	48
Exchange power primary 80 °C, sanitary water 45 °C zg.	kW	5,35	10,55	10,55	10,55
Continuous output ΔT=35K	l/h	134	265	265	265
Working pressure storage tank / exchanger	bar	9/6	9/6	9/6	9/6
Energy efficiency class <sup>(1)</sup>		C	C	C	C
Profil pipe - sanitary water		M	L	L	XL
Product code		736974 / 736975	736976 / 736977	736978 / 736979	736980 / 737051

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440





## Overview of electric water heaters

	Model	Volume (liters)	Energy efficiency class	Heat exchanger area (m²)	EcoSmart function	Assembly	Water heating temperature	Product code
	Mini 5	5,5	A	-	-	over the sink	up to 75°C	737023
	Mini BT 5	5,7	A	-	-	under the sink	up to 75°C	737024
	Mini 10	9,8	A	-	-	over the sink	up to 75°C	737025
	Mini BT 10	9,9	A	-	-	under the sink	up to 75°C	737026
	Mini P 5	6,2	A	-	-	over the sink	up to 75°C	736225
	Mini PBT 5	6,6	A	-	-	under the sink	up to 75°C	736226
	Mini P 10	9,8	A	-	-	over the sink	up to 75°C	736227
	Mini PBT 10	9,9	A	-	-	under the sink	up to 75°C	736228
	Mini P 15	14,8	A	-	-	over the sink	up to 75°C	736229
	Mini PBT 15	14,9	A	-	-	under the sink	up to 75°C	736230
	Prime 30	30,4	C	-	-	vertical wall mounting	fixed 55°C	737027
	Prime 50	48,1	C	-	-	vertical wall mounting	fixed 55°C	737028
	Prime 80	73,0	C	-	-	vertical wall mounting	fixed 55°C	737029
	Prime 100	93,4	C	-	-	vertical wall mounting	fixed 55°C	737030
	Prime 120	110,7	C	-	-	vertical wall mounting	fixed 55°C	737031
	Prime 150	139,8	C	-	-	vertical wall mounting	fixed 55°C	737032
	Prime M 30	30,4	C	-	-	vertical wall mounting	up to 65°C	736261
	Prime M 50	48,1	C	-	-	vertical wall mounting	up to 65°C	736262
	Prime M 80	73,0	C	-	-	vertical wall mounting	up to 65°C	736263
	Prime M 100	93,4	C	-	-	vertical wall mounting	up to 65°C	736264
	Prime M 120	110,7	C	-	-	vertical wall mounting	up to 65°C	736265
	Prime M 150	139,8	C	-	-	vertical wall mounting	up to 65°C	736266
	Prime CL/CR 80	71,3	C	0,25	-	vertical wall mounting	up to 65°C	736974 / 736975
	Prime CL/CR 100	90,7	C	0,40	-	vertical wall mounting	up to 65°C	736976 / 736977
	Prime CL/CR 120	108,0	C	0,40	-	vertical wall mounting	up to 65°C	736978 / 736979
	Prime CL/CR 150	137,1	C	0,40	-	vertical wall mounting	up to 65°C	736980 / 737051
	Econ M 50	47,0	C	-	-	vertical wall mounting	up to 75°C	736311
	Econ M 80	76,1	C	-	-	vertical wall mounting	up to 75°C	736312
	Econ M 100	96,1	C	-	-	vertical wall mounting	up to 75°C	736313
	Econ M 120	116,4	C	-	-	vertical wall mounting	up to 75°C	736314
	Econ M 150	145,5	C	-	-	vertical wall mounting	up to 75°C	736315

	Model	Volume (liters)	Energy efficiency class	Heat exchanger area (m <sup>2</sup> )	EcoSmart function	Assembly	Water heating temperature	Product code
	Econ ESU 50	47,0	B	-	+	vertical or horizontal wall mounting	up to 75°C	736325
	Econ ESU 80	76,1	B	-	+	vertical or horizontal wall mounting	up to 75°C	736326
	Econ ESU 100	96,1	C	-	+	vertical or horizontal wall mounting	up to 75°C	736327
	Econ ESU 120	116,4	C	-	+	vertical or horizontal wall mounting	up to 75°C	736328
	Econ ESU 150	145,5	C	-	+	vertical or horizontal wall mounting	to 75°C	736329
	Econ MCL/MCR 80	72,6	C	0,70	-	vertical wall mounting	up to 75°C	736371 / 736372
	Econ MCL/MCR 100	92,5	C	0,90	-	vertical wall mounting	up to 75°C	736373 / 736374
	Econ MCL/MCR 120	112,9	C	0,90	-	vertical wall mounting	up to 75°C	736316 / 736317
	Econ MCL/MCR 150	141,5	C	0,90	-	vertical wall mounting	up to 75°C	736318 / 736319
	Prime 30	28,3	B	-	+	vertical or horizontal wall mounting	up to 75°C	736278
	Prime 50	48,7	B	-	+	vertical or horizontal wall mounting	up to 75°C	736279
	Prime 80	77,9	B	-	+	vertical or horizontal wall mounting	up to 75°C	736280
	Supr ES 30	29,1	B	-	+	vertical wall mounting	up to 75°C	736320
	Supr ES 50	49,1	B	-	+	vertical wall mounting	up to 75°C	736321
	Supr ES 80	78,8	B	-	+	vertical wall mounting	up to 75°C	736322
	Supr ES 100	98,1	C	-	+	vertical wall mounting	up to 75°C	736323
	Supr ES 120	118,9	C	-	+	vertical wall mounting	up to 75°C	736324
	Econ MCL 80 / Econ MCR 80	72,6	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736371 / 736372
	Econ MCL 100 / Econ MCR 100	92,5	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736373 / 736374
	Econ MCL 120 / Econ MCR 120	112,9	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736316 / 736317
	Econ MCL 150 / Econ MCR 150	141,5	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736318 / 736319
	Prime CL 80 / Prime CR 80	71,3	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736974 / 736975
	Prime CL 100 / Prime CR 100	90,70	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736976 / 736977
	Prime CL 120 / Prime CR 120	108,0	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736978 / 736979
	Prime CL 150 / Prime CR 150	137,1	C	enameled + Mg anode	1	yes	central heating stove, solar heater	736980 / 737051



## Storage tanks

Our respond to the trend of increasing use of renewable energy resources

Buffer tanks are equipped with are one or two smooth tube coil heat exchangers.

They are designed to centrally supply your home with hot water by the power a heat pump. Buffer tanks store and prepare hot water for the time when hot water needs for hot water are the highest.

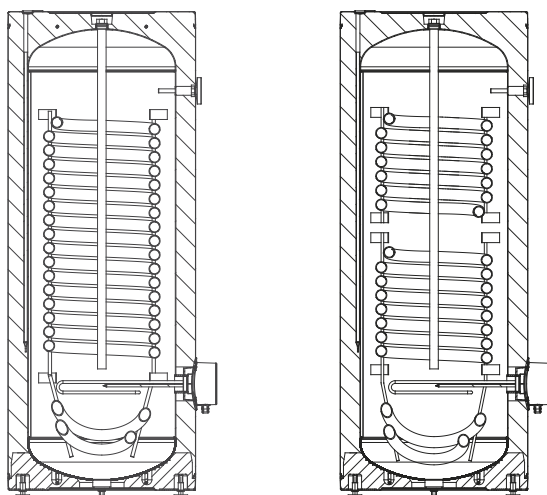


## TIKI Space Line – water heater with indirect heating

<b>Model / assembly:</b>	Cylindrical / self standing
<b>Insulation:</b>	Polyurethane foam
<b>Surface treatment:</b>	White lacquered steel sheet
<b>Interior of heater:</b>	Enamelled, with magnesium anode
<b>Heat exchanger:</b>	Enamelled steel spiral (1 or 2)
<b>Description:</b>	Intended to be connected with central heating systems with heat pumps, solar collectors or other energy sources. For combinations with air / water heat pumps and water / water VLGM200A2-1 and VLGM300B2-1 heaters are particularly suitable. It is factory installed a backup electric heater which can only be controlled from an external, parent system, e.g. heat pump controller, oil or gas boiler ..... or any other controller. Available on two sensor tubes for variable positioning of sensors to control the DHW system connection with other heating sources.



Type		VLGM200A1-1	VLGM200A1-2	VLGM200A2-1	VLGM300B1-1	VLGM300B1-2	VLGM300B2-1	VLGM300B3-1
Model		Space 200-S1.1	Space 200-D2.0	Space 200-S2.0	Space 300-S1.5	Space 300-D2.5	Space 300-S3.0	Space 300-S4.0
Storage volume	l	188	182	182	275	267	263	249
Connections cold water / hot water		3/4"	3/4"	3/4"	1"	1"	1"	1"
Recirculation connection		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Heat exchanger bottom		1	1	1	1	1	1	1" 1/4 M
Heat exchanger top		-	1	-	-	1	-	-
Total height	mm	1500	1500	1500	1530	1530	1530	1530
Diameter	mm	570	570	570	670	670	670	670
Weight (empty)	kg	77	88	91	124	138	144	151
Exchange power primary 80 °C, sanitary water 45 °C bottom	kW	29,5	29,5	56,2	40,1	40,1	74,8	106,8
Exchange power primary 80 °C, sanitary water 45 °C top	kW	-	21,1	-	-	24,0	-	-
Continuous output ΔT=35K (bottom)	l/h	724	724	1380	984	984	1838	2625
Continuous output ΔT=35K (top)	l/h	-	517	-	-	591	-	-
Max. water temperature storage tank / heat exchanger	°C	85 / 95	85 / 95	85 / 95	85 / 95	85 / 95	85 / 95	85 / 95
Working pressure storage tank	bar	10	10	10	10	10	10	10
Working pressure heat exchanger	bar	12	12	12	12	12	12	12
El. resistance heating power	kW	3	3	3	3	3	3	3
Heat exchanger surface	m²	1,05	1,05 + 0,75	2	1,5	1,5 + 0,9	3	4
El. resistance heating power	kW	3	3	3	3	3	3	3
Energy efficiency class <sup>(1)</sup>		C	C	C	C	C	C	C
Produkt-Code		700082	700083	700063	700084	700085	700064	700107

<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440

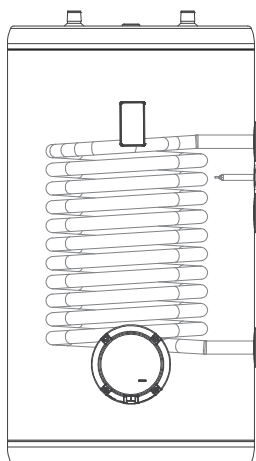
## TIKI Space Line – water heater with indirect heating

<b>Model / assembly:</b>	Cylindrical / self standing
<b>Insulation:</b>	Polyurethane foam
<b>Surface treatment:</b>	White lacquered steel sheet
<b>Interior of heater:</b>	Enamelled, with magnesium anode
<b>Heat exchanger:</b>	Enamealled steel spiral
<b>Maximum working heater pressure:</b>	9 bar (spiral: 12 bar)
<b>Description:</b>	Intended to be connected with central heating systems with heat pumps, solar collectors or other energy sources. It is factory installed a backup electric heater which can only be controlled from an external, parent system, e.g. heat pump controller, oil or gas boiler ..... or any other controller. Available on two sensor tubes for variable positioning of sensors to control the DHW system connection with other heating sources.



Type		GV2 100 G	GV2 120 G	GV2 150 G
Model		Space 100	Space 120	Space 150
Storage volume	l	90	113	142
Connections cold water / hot water		G3/4	G3/4	G3/4
Recirculation connection		G3/4	G3/4	G3/4
Heat exchanger		G3/4	G3/4	G3/4
Height	mm	948	1103	1318
Diameter with insulation	mm	500	500	500
Weight (empty)	kg	55	61	71
Exchange power (80 / 10-45 °C)	kW	17,6	17,6	17,6
Continuous output $\Delta T=35K$	l/h	433	433	433
El. resistance heating power	kW	3	3	3
Energy efficiency class <sup>(1)</sup>		C	C	C
Product code		700010	700011	700012



<sup>(1)</sup> EU Regulation 812/2013 ; EN 50440



## Overview of indirect heating heaters

Heat exchanger water heaters have a wide range of applications. We use them as water heaters in residential buildings, as a central preparation system hot water in sports halls and smaller residential complexes. There are several combinations of water heating: gas or electric stoves for central heating, water / water or air / water heat pumps, wood stoves or solar systems.

Overview of heaters according to the most common heating combination:

	Model	Volume (liters)	Energy efficiency class	Corrosion protection	Spiral number	Electric element	Use / most common combination with	Article numb.
	Space 200-S1.1	188	C	enameled + Mg anode	1	yes	central heating stove, solar heater	700082
	Space 200-D2.0	182	C	enameled + Mg anode	2	yes	central heating stove, solar heater	700083
	Space 200-S2.0	182	C	enameled + Mg anode	1	yes	heat pump (ZV / VV)	700063
	Space 300-S1.5	275	C	enameled + Mg anode	1	yes	central heating stove, solar heater	700084
	Space 300-D2.5	267	C	enameled + Mg anode	2	yes	central heating stove, solar heater	700085
	Space 300-S3.0	263	C	enameled + Mg anode	1	yes	heat pump (ZV / VV)	700064
	Space 100	90	C	enameled + Mg anode	1	yes	Oil or gas boiler or stove on solid fuels	700010
	Space 120	113	C	enameled + Mg anode	1	yes	Oil or gas boiler or stove on solid fuels	700011
	Space 150	142	C	enameled + Mg anode	1	yes	Oil or gas boiler or stove on solid fuels	700012





## Buffer tanks

### Hydraulic separation of heat pump and heating circuit

With the help of an intermediate tank, you will achieve better heating efficiency and gain greater heating comfort. When installing a heating system with a heat pump we recommend the installation of a storage tank.

This ensures an equal water temperature and consequently reduce the number of pump compressor starts. The air / water heat pump tank serves as a heat source to defrost the evaporator.

## TIKI Buffer Line – buffer tanks with capacity of 25 to 300 liters

Designed primarily for connection to heating systems with heat pumps. The storage tank in the heating circuit of the heat pump optimizes its operation by increasing the volume of the heating system, ensures safe and even flow of the heating medium, eliminates temperature fluctuations and ensures the need for minimum flow of heating medium in heating systems. Condensation-preventing storage design allows use in refrigeration systems. Types ZV200 and ZV300 can be equipped with a separate electrical element in the case of the desired larger volume or for reheating.



Type		ZV 25S	ZV 50S	ZV 50	ZV 100	ZV 200	ZV 300
Model		Buffer 25S	Buffer 50S	Buffer 50	Buffer 100	Buffer 200	Buffer 300
Storage volume	l	25	51	51	102	200	285
Max. watter temperature	°C	95	95	95	95	95	95
Heat exchanger		G 3/4	G 3/4	G 3/4	G 3/4	G 3/4	G 3/4
Model / assembly / boiler material		Cylindrical / hanging (incl. Bracket) / steel				Cylindrical / free standing / steel	
Surface treatment / type of insulation	l	White powder coated steel jacket / polyurethane foam					
Central heating connections: size / number		G 3/4 / 4 kos	G 3/4 / 4 kos	G 1 1/4 / 4 kos	G 1 1/4 / 4 kos	G 1 1/4 / 4 kos	G 1 1/4 / 4 kos
Vent connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1 1/4	G 1 1/4
Electrical lemenet connector		–	–	–	–	G 6/4	G 6/4
Dimensions: height x diameter	mm	610 x 334	1237 x 334	570 x 454	1010 x 454	1460 x 570	1500 x 670
Weight (empty)	kg			16,5	29	55	71
Working pressure storage tank	bar	10	10	10	10	6	6
Inner diameter of sensor tubes / number	mm	Ø 9 / 1 kos	Ø 9 / 2 kos	–	Ø 9 / 1 kos	Ø 9 / 2 kos	Ø 9 / 2 kos
Insulation	mm	37	37	33	33	59	67
Energy efficiency class <sup>(1)</sup>		C	C	C	C	C	C
Product code		700080	700081	737182	737138	738073	738074

## Overview of Buffer tanks Tiki

The buffer tank in the heating circuit with the heat pump optimizes its operation by increasing the volume of the heating system, ensuring safe and uniform flow of heating medium, eliminates temperature fluctuations and ensures the need for minimum flow of heating medium in heating systems. Condensation-preventing storage design allows use in cooling systems. Models ZV200 and ZV300 can be equipped with separate electric element in the case of the desired larger volume or for reheating purposes.

	Model	Storage volume (liters)	Energy efficiency class	Anti-condensation insulation	Electrical element	Connectors no. for central heating	Article numb.
	Buffer 25S	25	C	yes	–	G 3/4 / 4 pcs	700080
	Buffer 50S	51	C	yes	–	G 3/4 / 4 pcs	700081
	Buffer 50	51	C	yes	–	G 1 1/4 / 4 pcs	737182
	Buffer 100	102	C	yes	–	G 1 1/4 / 4 pcs	737138
	Buffer 200	200	C	yes	optional	G 1 1/4 / 4 pcs	738073
	Buffer 300	285	C	yes	optional	G 1 1/4 / 4 pcs	738074



## Sanitary heat pumps

Premium high  
energyefficient solutions

Tiki sanitary heat pumps provide extreme energy efficiency.

**With some models you can save as much  
as 75% of energy**





## TIKI DHW Line – air / water heat pumps for DHW heating

**Operation:** DHW heating and apartment ventilation

**Description:** Monoblock heat pump for hygienic heating of sanitary water and very large amounts of mixed water. For indoor use with air circulation or air ducts, as well as for use at low supply air temperatures down to -7 °C. Options side and / or top air intake and exhaust routing provides great flexibility in connection and installation in the installation space. The operating time of independent ventilation is user-adjustable. The integrated contact for connection to the home photovoltaic system allows the use of solar energy to operate the pump. Models with integrated spiral transmission allow connection external heat sources (heating boilers, stoves or solar collectors).

**Surface treatment:** White plastic coat with black EPP aggregate cover

**Interior of heater:** Enamelled, with magnesium anode

**Heat exchanger:** Enamelled steel spiral

**Control:** Electronic controller with LCD touch screen



Type		TC200ZGNT	TC300ZGNT	TC201ZGNT	TC301ZGNT	TC302ZGNT
Model		DHW LT 200	DHW LT 300	DHW CLT 200	DHW CLT 300	DHW 2CLT 300
Declared load profile		L	XL	L	XL	XL
Energy efficiency class <sup>(1)</sup>		A+	A+	A+	A+	A+
Thermostat temperature setting	°C	55	55	55	55	55
Indoor sound power level <sup>(3)</sup>	dB(A)	59	59	59	59	59
Sound pressure at 1m <sup>(3)</sup>	dB(A)	48	48	48	48	48
Storage volume V	l	208,0	295,0	194,0	276,0	276,0
Mixed water at 40°C V40 <sup>(1)</sup>	l	260	395	248	368	368
COPDHW (A20 / W10-55) EN 16147 <sup>(2)</sup>		3,51	3,74	3,31	3,7	3,7
COPDHW (A7 / W10-55) EN 16147 <sup>(1)</sup>		3,10	3,34	3,06	3,30	3,30
Heating power (A20) EN 16147	kW	1,9	1,9	1,9	1,9	1,9
Heating power (A7) EN 16147	kW	1,30	1,30	1,30	1,30	1,30
Refrigant****		R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)
Quantity of refrigerant	kg	1,100	1,100	1,100	1,100	1,100
Working range - air temperature	°C	-7 / +35	-7 / +35	-7 / +35	-7 / +35	-7 / +35
Working Air Flow	m³/h	220-450	220-450	220-450	220-450	220-450
Pressure drop at 60 % fan speed	Pa	100	100	100	100	100
Maximum power consumption	W	2490	2490	2490	2490	2490
Number of heating elements x power	W	2 x 1000	2 x 1000	2 x 1000	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50	230/50	230/50	230/50
Hot water tank heat pump	°C	65	65	65	65	65
Hot water tank electric heater	°C	75	75	75	75	75
Height	mm	1540	1960	1540	1960	1960
Width	mm	670	670	670	670	670
Depth	mm	690	690	690	690	690
Connections to the supply network		G1	G1	G1	G1	G1
Heat exchanger connections		-	-	G1	G1	G1
Heat exchanger area bottom / top	m²	-	-	1,45/-	2,7/-	1,6/1
Dimensions of air connections	mm	Ø160	Ø160	Ø160	Ø160	Ø160
Weight (empty)	kg	104	123	133	177	173
Product code		735522	735523	736234	736235	736236

<sup>(1)</sup> EU Regulation 812/2013 ; EN 16147:2011 , Average Climate Conditions (ACC)

<sup>(2)</sup> EN 16147:2011

<sup>(3)</sup> EN 12102:2013

<sup>(4)</sup> by air inlet temperature of 15 °C, 74% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(5)</sup> by air inlet temperature of 7 °C, 89% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(6)</sup> This product contains fluorinated greenhouse gases. Hermetically sealed.

## TIKI DHW Line – air / water heat pumps for DHW heating

<b>Operation:</b>	DHW heating and apartment ventilation
<b>Model / assembly:</b>	Squared / wall mounted
<b>Description:</b>	Wall-mounted DHW pump as an excellent solution for small spaces - apartments, suites, holiday homes ... For indoor use with air circulation or air ducts, as well as for use at low outdoor air temperatures (ZNT models for operation heat pumps with defrost function down to air temperature -7 °C). The flexible design of the air ducts allows the choice of air intake and exhaust, which allows its use in various parts of the home (kitchen, bathroom, conservatory, etc.).
<b>Surface treatment:</b>	White powder colored steel coat
<b>Interior of heater:</b>	Enamelled, with magnesium anode
<b>Control:</b>	Electronic controller with LCD touch screen, which shows the currently available amount of mixed water and offers user-defined settings and modes of operation, such as TURBO, HOT, HOLIDAY, TIMER, BACKUP ..



Type		TC 80 ZNT	TC 100 ZNT	TC 120 ZNT	TC 80 Z	TC 100 Z	TC 120 Z
Model		DHW LT 80	DHW LT 100	DHW LT 120	DHW 80	DHW 100	DHW 120
Declared load profile		M	M	M	M	M	M
Energy efficiency class <sup>(1)</sup>		A+	A+	A+	A+	A+	A+
Thermostat temperature setting	°C	55	55	55	55	55	55
Indoor sound power level <sup>(3)</sup>	dB(A)	51	51	51	51	51	51
Sound pressure at 1m <sup>(3)</sup>	dB(A)	39,5	39,5	39,5	39,5	39,5	39,5
Storage volume V	l	78,2	97,9	117,6	78,2	97,9	117,6
Mixed water at 40°C V40 <sup>(1)</sup>	l	90	130	142	90	130	142
COPDHW (A20 / W10-55) EN 16147 <sup>(2)</sup>		3,15	3,19	3,15	3,15	3,19	3,15
COPDHW (A7 / W10-55) EN 16147 <sup>(1)</sup>		2,65	2,63	2,61	2,65	2,63	2,61
Heating power (A20) EN 16147	kW	0,8	0,8	0,8	0,8	0,8	0,8
Heating power (A7) EN 16147	kW	0,60	0,60	0,6	0,60	0,60	0,60
Refrigiant****		R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)
Quantity of refrigerant	kg	0,540	0,540	0,540	0,490	0,490	0,490
Working range - air temperature	°C	-7 / +35	-7 / +35	-7 / +35	+7 / +35	+7 / +35	+7 / +35
Working Air Flow	m³/h	100-230	100-230	100-230	100-230	100-230	100-230
Pressure drop at 60 % fan speed	Pa	70	70	70	70	70	70
Maximum power consumption	W	2350	2350	2350	2350	2350	2350
Number of heating elements x power	W	2 x 1000	2 x 1000	2 x 1000	2 x 1000	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50
Hot water tank heat pump	°C	55	55	55	55	55	55
Hot water tank electric heater	°C	75	75	75	75	75	75
Height	mm	1197	1342	1497	1197	1342	1497
Width	mm	506	506	506	506	506	506
Depth	mm	533	533	533	533	533	533
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Dimensions of air connections	mm	Ø125 (150x70)	Ø125 (150x70)	Ø125 (150x70)	Ø125 (150x70)	Ø125 (150x70)	Ø125 (150x70)
Weight (empty)	kg	58	62	68	58	62	68
Product code		735519	735520	735531	735516	735517	735518

<sup>(1)</sup> EU Regulation 812/2013 ; EN 16147:2011 , Average Climate Conditions (ACC)

<sup>(2)</sup> EN 16147:2011

<sup>(3)</sup> EN 12102:2013

<sup>(4)</sup> by air inlet temperature of 15 °C, 74% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(5)</sup> by air inlet temperature of 7 °C, 89% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(6)</sup> This product contains fluorinated greenhouse gases. Hermetically sealed.

## TIKI DHW Line – air / water heat pumps for DHW heating

**Operation:** DHW heating and apartment ventilation

**Description:** It uses the energy of the air from the room where it is installed to heat the sanitary water. Placed a dry place where it does not freeze, preferably near other heating sources, with air temperature from +7 to +40 °C and a minimum size of 20 m³. The heat pump captures and returns the air from which it has already taken heat, back to the room where it is placed. Simultaneously with heating sanitary water thus cools the room and also removes moisture from it, thus improving its air quality (additional advantage: basement cooling, storage, laundry drying). Models with integrated allow spiral exchangers to connect external heat sources (heating boilers, stoves or solar collectors).

**Surface treatment:** White powder colored steel coat

**Interior of heater:** Enamelled, with magnesium anode

**Heat exchanger:** Enameled steel spiral

**Control:** Electronic controller with buttons and LED display



Type		TCM200ZG	TCM300ZG	TCM201ZG	TCM306ZG
Model		DHWM 200	DHWM 300	DHWM C 200	DHWM C 300
Declared load profile		L	XL	L	XL
Energy efficiency class <sup>(1)</sup>		A+	A+	A+	A+
Thermostat temperature setting	°C	55	55	55	55
Indoor sound power level <sup>(3)</sup>	dB(A)	58	59	58	59
Sound pressure at 1m <sup>(3)</sup>	dB(A)	48	48	48	48
Storage volume V	l	200,0	285,0	190,0	275,0
Mixed water at 40°C V40 <sup>(1)</sup>	l	265	395	255	380
Warm-up time A20 / W10-55 <sup>(1)</sup>	h:min	07:19	07:14	06:59	06:57
COPDHW (A20 / W10-55) EN 16147 <sup>(1)</sup>		4,3	4,4	4,3	4,4
Heating power (A20) EN 16147	kW	1,3	2	1,3	2
Refrigant***		R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)
Quantity of refrigerant	kg	0,950	1,100	0,950	1,100
Working range - air temperature	°C	+7 / +40	+7 / +40	+7 / +40	+7 / +40
Maximum power consumption	W	2480	2750	2480	2750
Number of heating elements x power	W	2 x 1000	2 x 1000	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50	230/50	230/50
Hot water tank heat pump	°C	65	65	65	65
Hot water tank electric heater	°C	75	75	75	75
Height	mm	1860	1960	1860	1960
Width	mm	570	670	570	670
Depth	mm	585	685	585	685
Connections to the supply network		G 3/4	G1	G 3/4	G1
Heat exchanger connections		-	-	G1	G1
Heat exchanger area bottom / top	m²	-	-	1,1/-	1,1/-
Weight (empty)	kg	85	118	102	135
Product code		735524	735525	736237	736238

<sup>(1)</sup> EU Regulation 812/2013 ; EN 16147:2011 , Average Climate Conditions (ACC)

<sup>(2)</sup> EN 16147:2011

<sup>(3)</sup> EN 12102:2013

<sup>(\*)</sup> by air inlet temperature of 15 °C, 74% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(\*\*)</sup> by air inlet temperature of 7 °C, 89% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(\*\*\*)</sup> This product contains fluorinated greenhouse gases. Hermetically sealed.



## TIKI DHW Line – water / water heat pumps for DHW heating

**Operation:** DHW heating

**Description:** The water / water heat pump is ideal for integration into refurbished central and district heating systems heating of multi-apartment buildings and individual buildings with underfloor heating system. Heat pump increases the water temperature of the low-temperature heating system, optimizes consumption of electricity and ensures that the DHW temperature reaches up to 65 °C. Heating - system water temperature must be between 12 °C and 40 °C, which ensures year-round operation (winter and summer). Additional savings can be made by connecting to a home photovoltaic system and by the use of solar energy. Model TC120ZWR can be used for heating one bathroom radiator during the transition, spring or autumn period when the temperatures in the bathrooms are already low but the central heating system is not yet in operation.

**Surface treatment:** White powder colored steel coat

**Interior of heater:** Enamelled, with magnesium anode

**Control:** Electronic controller with LCD touch screen



Type		TC100ZW	TC120ZW	TC120ZWR	TCM200ZE6W
Model		DHW W 100	DHW W 120	DHW WR 120	DHW W 200
Declared load profile		M	M	M	L
Energy efficiency class <sup>(1)</sup>		A+	A+	A+	A+
Thermostat temperature setting	°C	55	55	55	55
Indoor sound power level <sup>(3)</sup>	dB(A)	51	51	51	41
Storage volume V	l	97,9	119,5	117,0	200,0
Mixed water at 40°C V40 <sup>(1)</sup>	l	116	157	153	260
Warm-up time W25 / W10-55 <sup>(2)</sup>	h:min	03:25	04:42	04:19	06:22
COPDHW (W25 / W10-55) EN 16147 <sup>(2)</sup>		4,45	4,20	4,03	5,40
Refrigiant***		R134a (GWP 1430)	R134a (GWP 1430)	R134a (GWP 1430)	R1234ze (GWP 7)
Quantity of refrigerant	kg	0,550	0,550	0,550	0,850
Operating range - heating water temperature	°C	+12 / +40	+12 / +40	+12 / +40	+12 / +40
Working Water Flow	l/h	200	200	200	180
Maximum power consumption	W	2380	2380	2400	2400
Number of heating elements x power	W	2 x 1000	2 x 1000	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50	230/50	230/50
Hot water tank heat pump	°C	65	65	65	65
Hot water tank electric heater	°C	75	75	75	75
Height	mm	1342	1497	1497	1960
Width	mm	506	506	506	670
Depth	mm	533	533	533	690
Max. connection length - Radiator	m	/	/	8	/
Internal pressure drop - source	kPa (bar)	0,8 (0,08)	0,8 (0,08)	0,8 (0,08)	20 (0,2)
Weight (empty)	kg	62	68	77,5	85
Product code		737133	737134	737135	737874

<sup>(1)</sup> EU Regulation 812/2013 ; EN 16147:2011 , Average Climate Conditions (ACC)

<sup>(2)</sup> EN 16147:2011

<sup>(3)</sup> EN 12102:2013





<sup>(\*)</sup> by air inlet temperature of 15 °C, 74% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(\*\*)</sup> by air inlet temperature of 7 °C, 89% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

<sup>(\*\*\*\*)</sup> This product contains fluorinated greenhouse gases. Hermetically sealed.

## Overview of DHW pums

Air / water or water / water heat pumps allow independent operation throughout the year. This reduces the cost of DHW heating in the family budget by up to 75%. Models with surrounding or channelled air allow easy installation and adjustment of the layout to each room (basement, pantry, laundry, garage). With the diversion of air intake and exhaust in addition to DHW heating, the pump offers the possibility of ventilation of different rooms regardless of the operation of the unit - ventilation time 5 to 180 minutes. If you connect the heat pump to a house photovoltaic system, the water is heated to a maximum temperature of 65 °C practically free of charge when the photovoltaic energy is exceeded.

	Model	Volume (liters)	Energy efficiency class	Heat exchanger / no.	PV connection	System	Operation area	Article numb.
	DHW LT 80	78,2	A+	-	-	Air / water - channelled air	-7 to +35	735519
	DHW LT100	97,9	A+	-	-	Air / water - channelled air	-7 to +35	735520
	DHW LT 120	117,6	A+	-	-	Air / water - channelled air	-7 to +35	735531
	DHW 80	78,2	A+	-	-	Air / water - channelled air	+7 to +35	735516
	DHW 100	97,9	A+	-	-	Air / water - channelled air	+7 to +35	735517
	DHW 120	117,6	A+	-	-	Air / water - channelled air	+7 to +35	735518
	DHW LT 200	208,0	A+	-	Yes	Air / water - channelled air	-7 to +35	735522
	DHW LT 300	295,0	A+	-	Yes	Air / water - channelled air	-7 to +35	735523
	DHW CLT 200	194,0	A+	Yes/1	Yes	Air / water - channelled air	-7 to +35	736234
	DHW CLT 300	276,0	A+	Yes/1	Yes	Air / water - channelled air	-7 to +35	736235
	DHW 2CLT 300	276,0	A+	Yes/2	Yes	Air / water - channelled air	-7 to +35	736236
	DHWM 200	200,0	A+	-	-	Air / water - surrounding air	+7 to +40	735524
	DHWM 300	285,0	A+	-	-	Air / water - surrounding air	+7 to +40	735525
	DHWM C 200	190,0	A+	Yes/1	-	Air / water - surrounding air	+7 to +40	736237
	DHWM C 300	275,0	A+	Yes/1	-	Air / water - surrounding air	+7 to +40	736238
	DHW W 100	97,9	A+	-	Yes	Water / water - heating water	+12 to +40	737133
	DHW W 120	119,5	A+	-	Yes	Water / water - heating water	+12 to +40	737134
	DHW WR 120	117,0	A+	-	Yes	Water / water - heating water	+12 to +40	737135
	DHW W 200	200,0	A+	-	Yes	Water / water - heating water	+12 to +40	737874











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