Heat where you want it

Sanitary heat pumps, storage and buffer tanks, water heaters

2025

www.tiki.si

Globally successful

Since 2019, The Tiki Group has been a part of the global Swedish corporation NIBE Industrier. NIBE respects local knowledge and developed brands, which makes the Tiki Group feel great in such an international company. Tiki and NIBE offer a comprehensive range of environmentally friendly and energy-saving solutions. 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. Thus, 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!

About the company

Tiki is a provider of hot water supply systems. Under its name, headquartered in Velenje, Slovenia, it develops, produces, and sells innovative products and integrated solutions for hot water preparation, hot water storage tanks, buffer tanks, water heaters, and other components for heating systems.

With its energy-efficient and sustainable products, the company is already doing its part to help the environment, as evidenced by its commitment to sustainability and climate policy objectives. This support is based on proven technologies and forward-looking innovation.

Historical milestones

TIKI owes its name to the Technical Institute of Metal Industry, which was founded in Ljubljana in 1951. Tiki started its first production in Ljubljana, where the factory operated until 2010. In 2006, the process of moving production to Stara Pazova began, where the first water heater was assembled in January 2007. In autumn 2011, a comprehensive process had already started in Stara Pazova, from welding boilers to enameling. Today, the factory already has more than 500 employees on a total area of 11 hectares.

Verified development

The Tiki Research and Development Center employs approximately 50 highly specialized technicians, designers and engineers developing innovative heating technology until it is ready for serial production. This is where we lay the foundations for our reliable products.

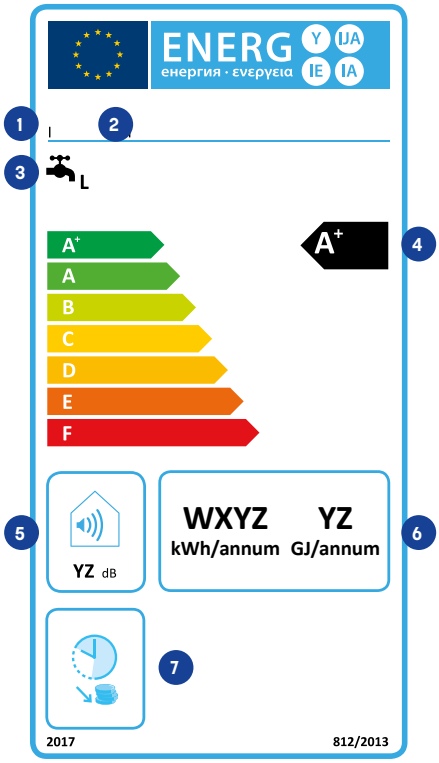
Verified production

Our goal is the highest quality and accuracy. The knowledge of our employees is in every product, and is a prerequisite for a good product. Under the TIKI brand, only truly proven devices come to the market to provide customers with a reliable product and service.

Verified repair and maintenance services

For Tiki, good repair and maintenance services are an important part of our wide range of services. Our customers have competent experts at their disposal – your heating experts – whenever they need them. With regular training of our specialized partners, repairers and employees, we always ensure the reliable operation of your devices.

Energy efficiency that meets the standard



Legend:

1. Dealer's name or brand
2. Dealer's model identifier
3. Water heating function
4. Energy efficiency class
5. Sound power level
6. Annual energy consumption in kWh/year or GJ/year
7. Off-peak fitness

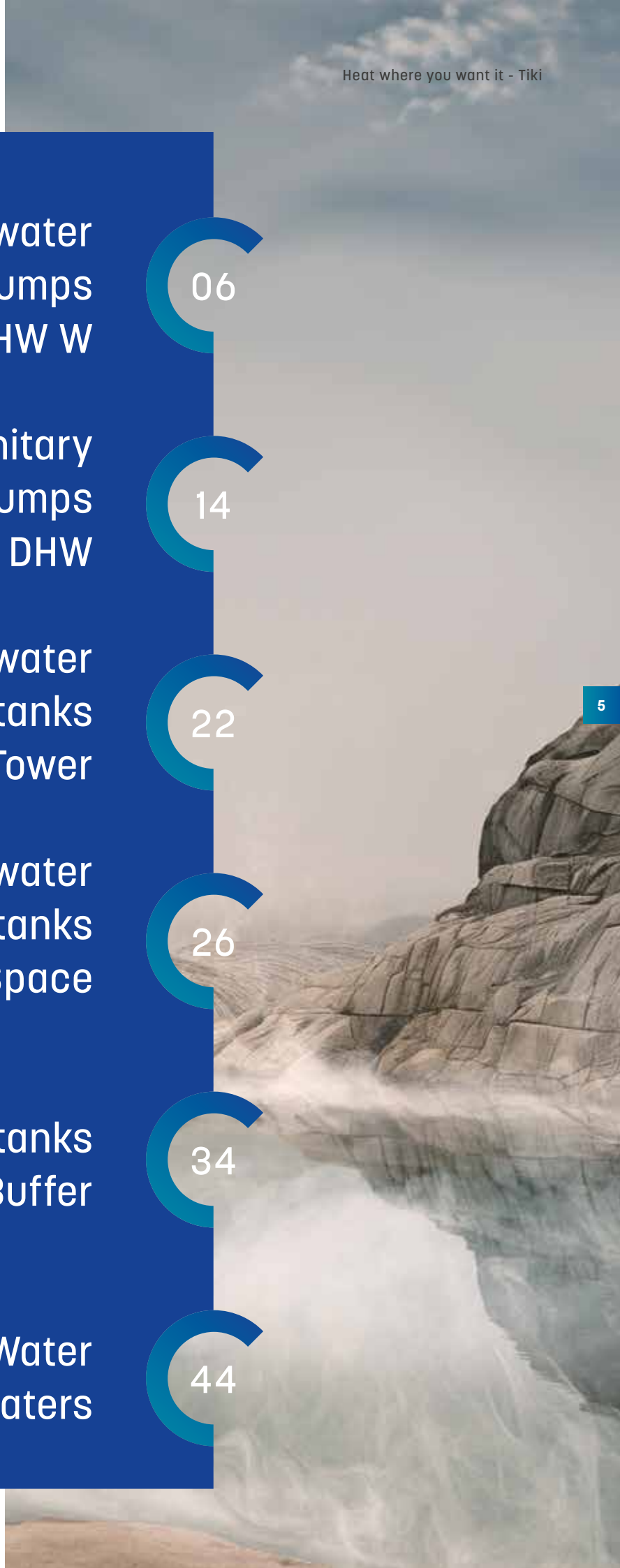
The energy label was introduced based on the implementation of the EU Directive, pursuant to which labeling of energy-efficient products has also been introduced in heating technology since autumn 2015.

Minimum energy requirements labeling obligations were also required for heating heat pumps, sanitary heat pumps, water heaters, water storage tanks and buffer tanks.

All storage tanks with a nominal capacity of less than 500 liters must display the appropriate marks.

In addition to the efficiency class, the energy label shows the standing losses of the hot water storage tank and the volume of the storage tank. Legal restrictions require the indication of constant losses of the storage tank from the outlet at a certain ambient temperature measured in watts.

Classification in the efficiency class depends on the volume of the storage tank.




Ciiki

Water/water sanitary heat pumps

DHW W (»Booster«)

Heat pumps for sanitary water heating in the circuit of a low-temperature heating system, central and district heating of multi-apartment buildings, or individual buildings with an underfloor heating system.

- Up to 80 % lower electricity consumption
- An environmentally friendly product that employs renewable energy sources
- The highest A+ energy efficiency class in its category
- Heats water up to 65°C using only a heat pump
- Electric heater for faster heating and achieving a higher temperature of 75°C
- Operates in the temperature range of the source from +12 to +40°C

The product range includes the following models:

- **DHW W 120 l, wall mounting**
- **DHW W 200 l/300 l, freestanding**

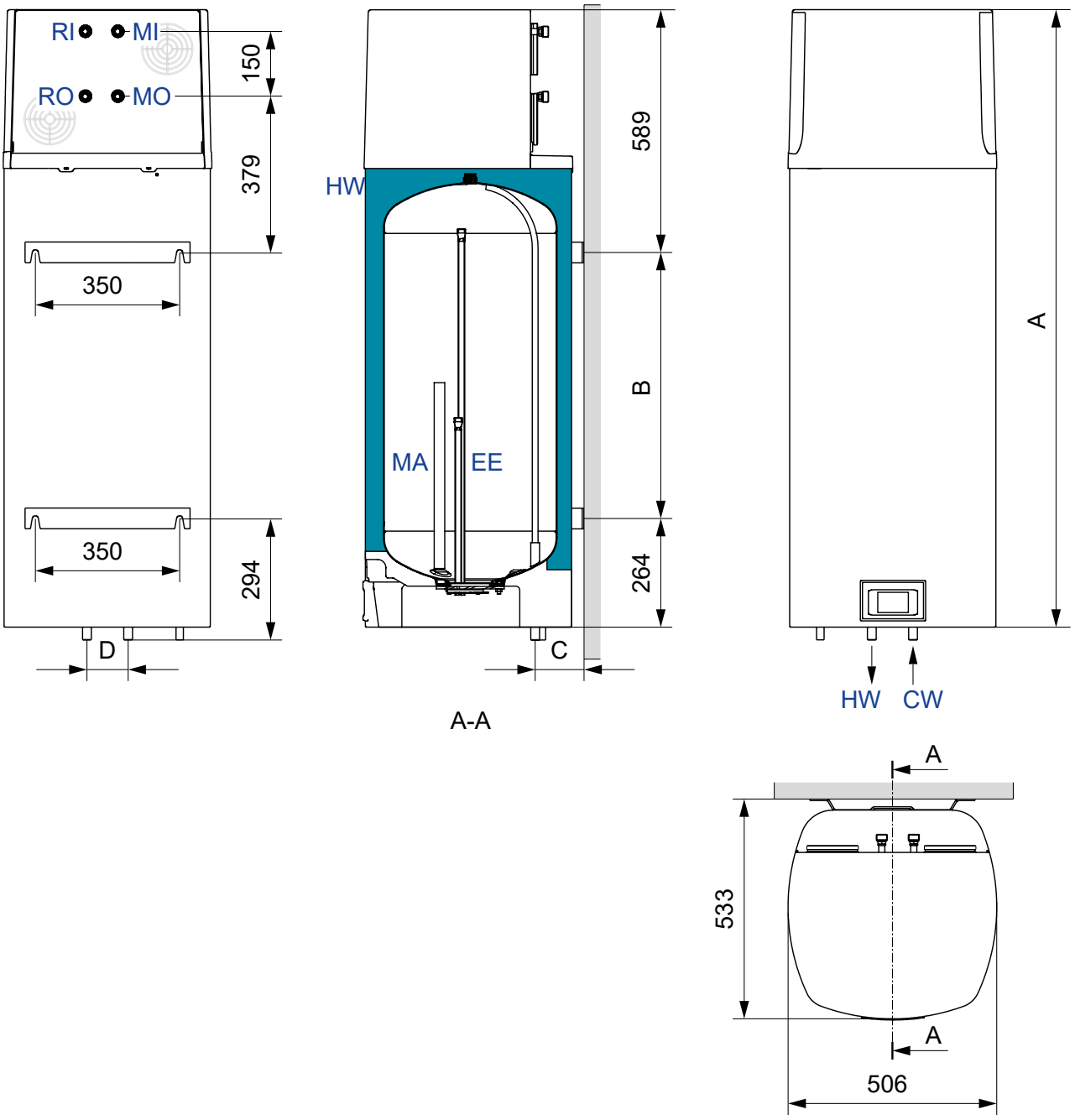
A+

MAIN CHARACTERISTICS:

- Capacity of 120 l
- Wall mounting
- Energy source of water from +12 to +40°C
- COPDHW 4.2
- Built-in auxiliary electric heater
- Automatic anti-legionella cycle
- Ideal for installation in renovated systems of multi-apartment buildings and individual buildings with underfloor heating systems

MODEL		DHW W 120
Product code		737134
Mounting method		wall
Load profile		M
Energy efficiency class [1]		A+
Water heating energy efficiency ηwh [1]	%	134
Annual electricity consumption ACC [1]	kWh	383
Indoor sound power level [3]	dB(A)	51
Storage volume V	l	119,5
Mixed water at 40°C V40 [1]	l	157
TECHNICAL CHARACTERISTICS		
Heating time W25/W10-55 [2]	h:min	04:42
COPDHW W25/W10-55 [2]		4,20
Refrigerant***		R134a (GWP 1430)
Quantity of refrigerant	kg	0,550
Working range – source temperature	°C	+12 / +40
Working source flow	l/h	200
ELECTRICAL SPECIFICATIONS		
Nominal electrical power of the compressor	W	200
Maximum power consumption	W	2380
Number of heating elements x power	W	2 x 1000
Voltage/Frequency	V/Hz	230/50
Electric protection	A	16
Degree of protection		IP24
WATER STORAGE TANK		
Tank made of enameled steel/Protective Mg anode		Yes/Yes
Working pressure	bar	6
Max. temperature water storage tank–heat pump	°C	65
Max. temperature water storage tank–heating element	°C	75
Source pressure drop	bar	0,008
Net/Gross/Weight with water	kg	68 / 71 / 188
TRANSPORTATION DATA		
Packaging dimensions	mm	575x600x1665

[1] at a water source temperature of 10°C and an inlet water temperature of 10°C, heating water up to 55°C pursuant to EN16147 and the Commission Communication (2014/C 207/03)
[2] at a water source temperature of 25°C and a water inlet temperature of 10°C, heating water up to 55°C pursuant to EN16147
[*] The product contains fluorinated greenhouse gases. Hermetically sealed.



DHW W 120 (737134)		
A	[mm]	1497
B	[mm]	645
C	[mm]	100
D	[mm]	100

DHW W 120 (737134)		
CW	Cold water inflow	G 1/2" *
HW	Hot water outflow	G 1/2" *
MI	Medium inflow from the central heat. system	G 3/4" **
MO	Medium outlet into the central heat. system	G 3/4" **
EE	Electric heater	
MA	Protective anode	

* external thread

** internal thread

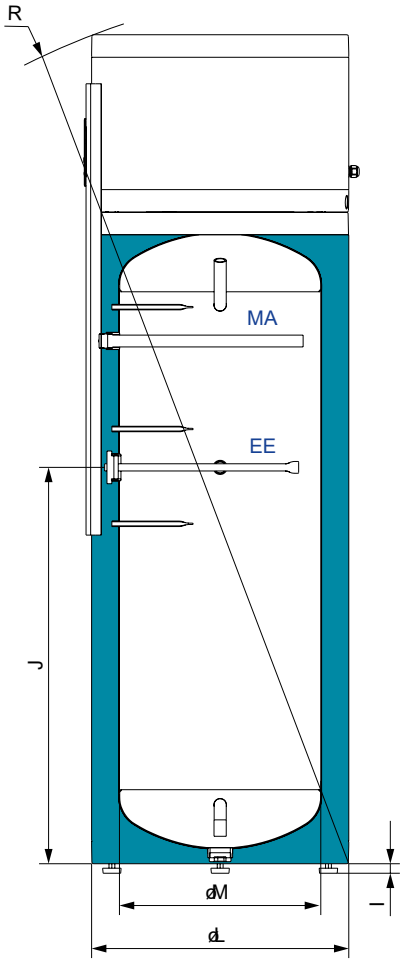
A+

MAIN CHARACTERISTICS:

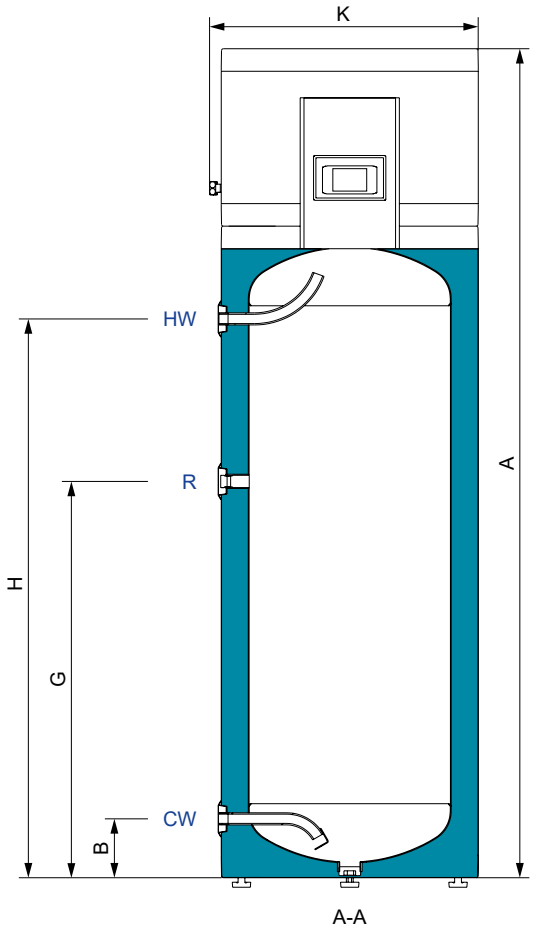
- Capacity of 200 l/300 l Freestanding
- COPDHW 5.4
- Power source of water from +12 to +40°C Built-in auxiliary electric heater
- Automatic anti-legionella cycle
- Ideal for installation in renovated systems of multi-apartment buildings and individual buildings with underfloor heating systems

MODEL		DHW W 200	DHW W 300
Product code		737874	700273
Mounting method		freestanding	freestanding
Load profile		L	XL
Energy efficiency class [1]		A+	A+
Water heating energy efficiency ηwh [1]	%	166	179
Annual electricity consumption ACC [1]	kWh	619	938
Indoor sound power level [3]	dB(A)	41	41
Storage volume V	l	200	285
Mixed water at 40°C V40 [1]	l	260	397
TECHNICAL CHARACTERISTICS			
Heating time W25/W10-55 [2]	h:min	06:22	06:51
COPDHW W25/W10-55 [2]		5,40	5,2
Refrigerant***		R1234ze (GWP 7)	R1234ze (GWP 7)
Quantity of refrigerant	kg	0,850	1,00
Working range – source temperature	°C	+12 / +40	+12 / +40
Working source flow	l/h	200	200
ELECTRICAL SPECIFICATIONS			
Nominal electrical power of the compressor	W	240	320
Maximum power consumption	W	2400	2600
Number of heating elements x power	W	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50
Electric protection	A	16	16
Degree of protection		IP22	IP22
WATER STORAGE TANK			
Tank made of enameled steel/Protective Mg anode		Yes/Yes	Yes/Yes
Working pressure	bar	6/9	6/9
Max. temperature water storage tank–heat pump	°C	65	65
Max. temperature water storage tank–heating element	°C	75	75
Source pressure drop	bar	0,2	0,3
Net/Gross/Weight with water	kg	85/97/285	139/151/424
TRANSPORTATION DATA			
Packaging dimensions	mm	760x760x2060	760x760x2160

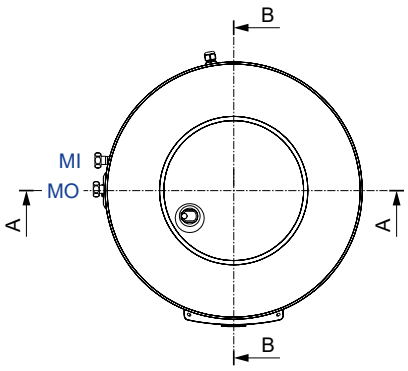
[1] at a water source temperature of 10°C and an inlet water temperature of 10°C, heating water up to 55°C pursuant to EN16147 and the Commission Communication (2014/C 207/03)
[2] at a water source temperature of 25°C and a water inlet temperature of 10°C, heating water up to 55°C pursuant to EN16147
[*] The product contains fluorinated greenhouse gases. Hermetically sealed.



B-B



A-A



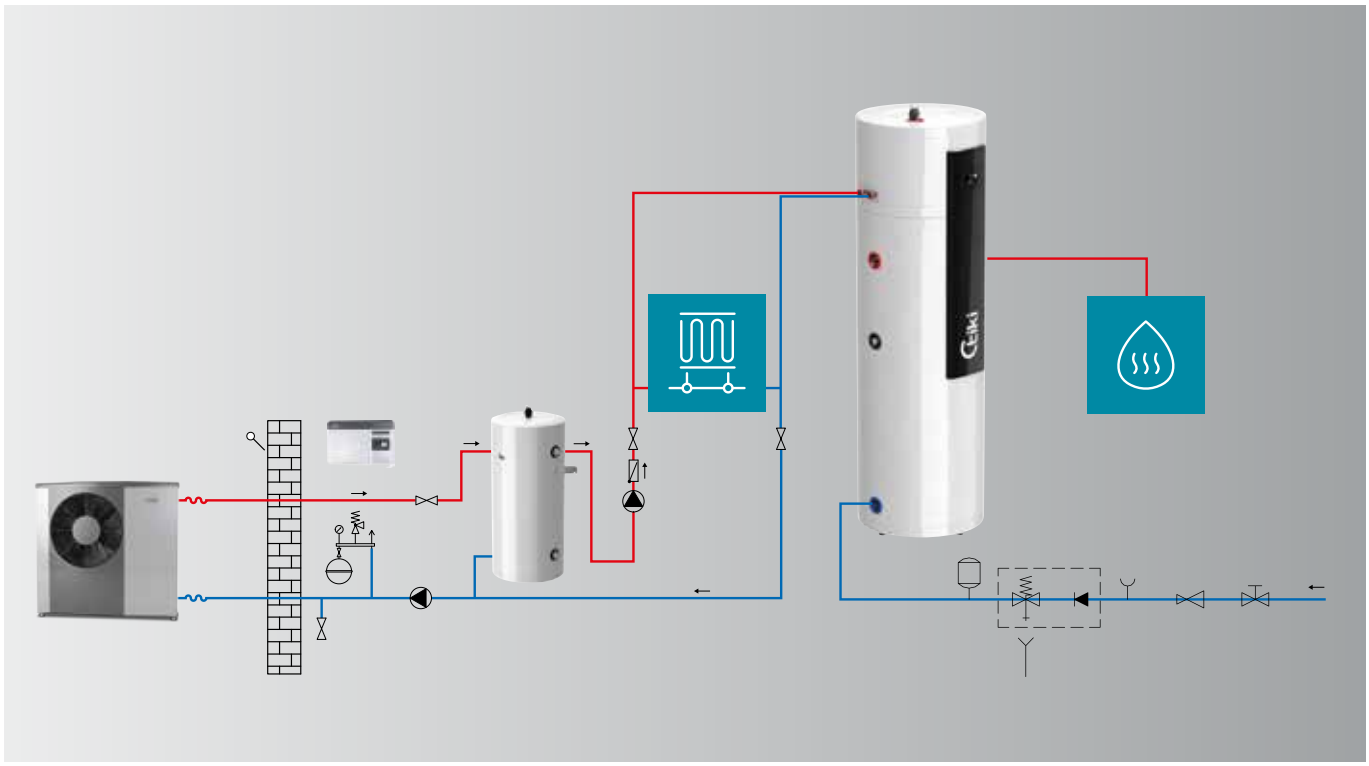
		DHW W 200 (737874)	DHW W 300 (700273)
A	[mm]	1835	1883
B	[mm]	130	142
G	[mm]	880	884
H	[mm]	1240	1254
I	[mm]	25	25
J	[mm]	880	884
K	[mm]	595	690
L	[mm]	570	670
M	[mm]	450	535
R	[mm]	1925	2000

		DHW W 200 (737874)	DHW W 300 (700273)
CW	Cold water inflow	G 3/4" *	G 1"*
HW	Hot water outflow	G 3/4" *	G 1"*
R	Circulation conduit	G 3/4" **	G 3/4" **
EE	Electric heater		
MA	Protective anode	G 1"	G 1/2"
MI	Medium inflow from the central heat. system	G 3/4" **	G 3/4" **
MO	Medium outlet into the central heat. system	G 3/4" **	G 3/4" **

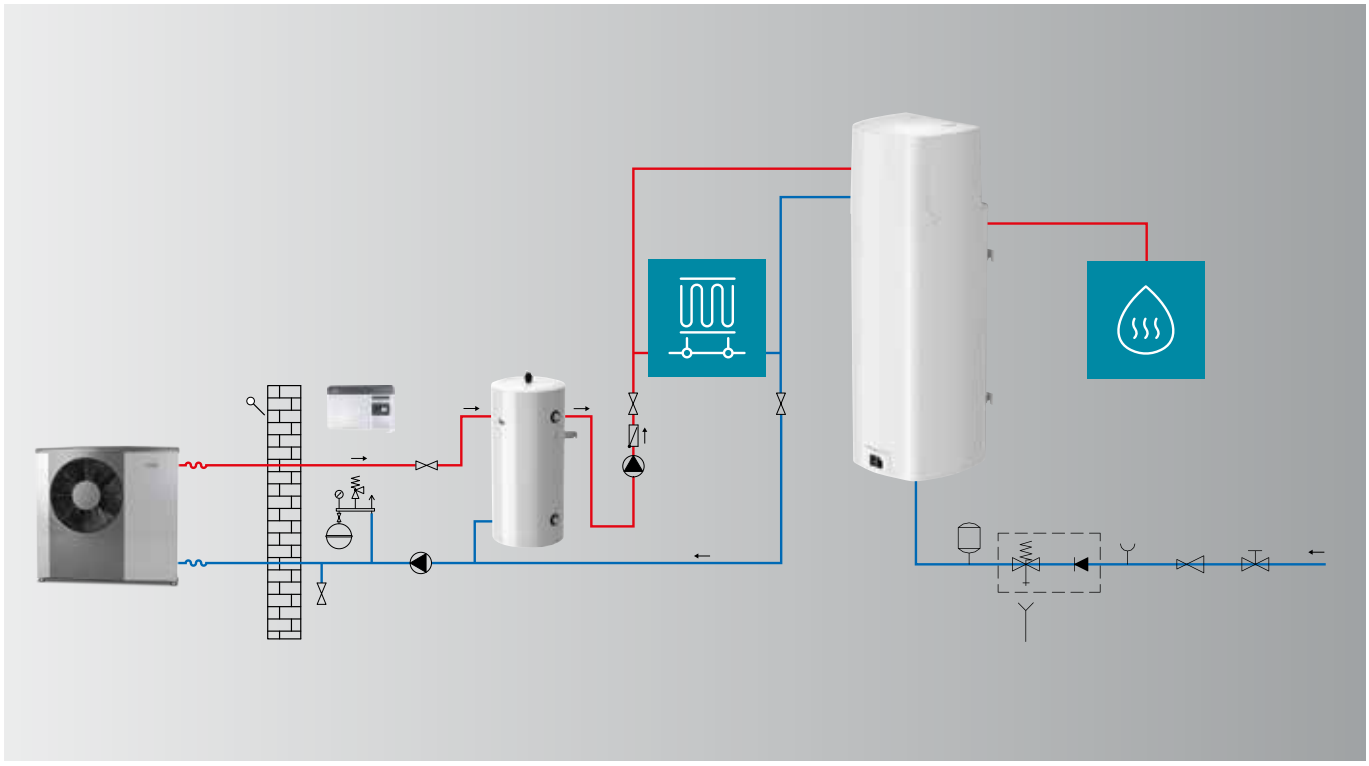
* external thread

** internal thread

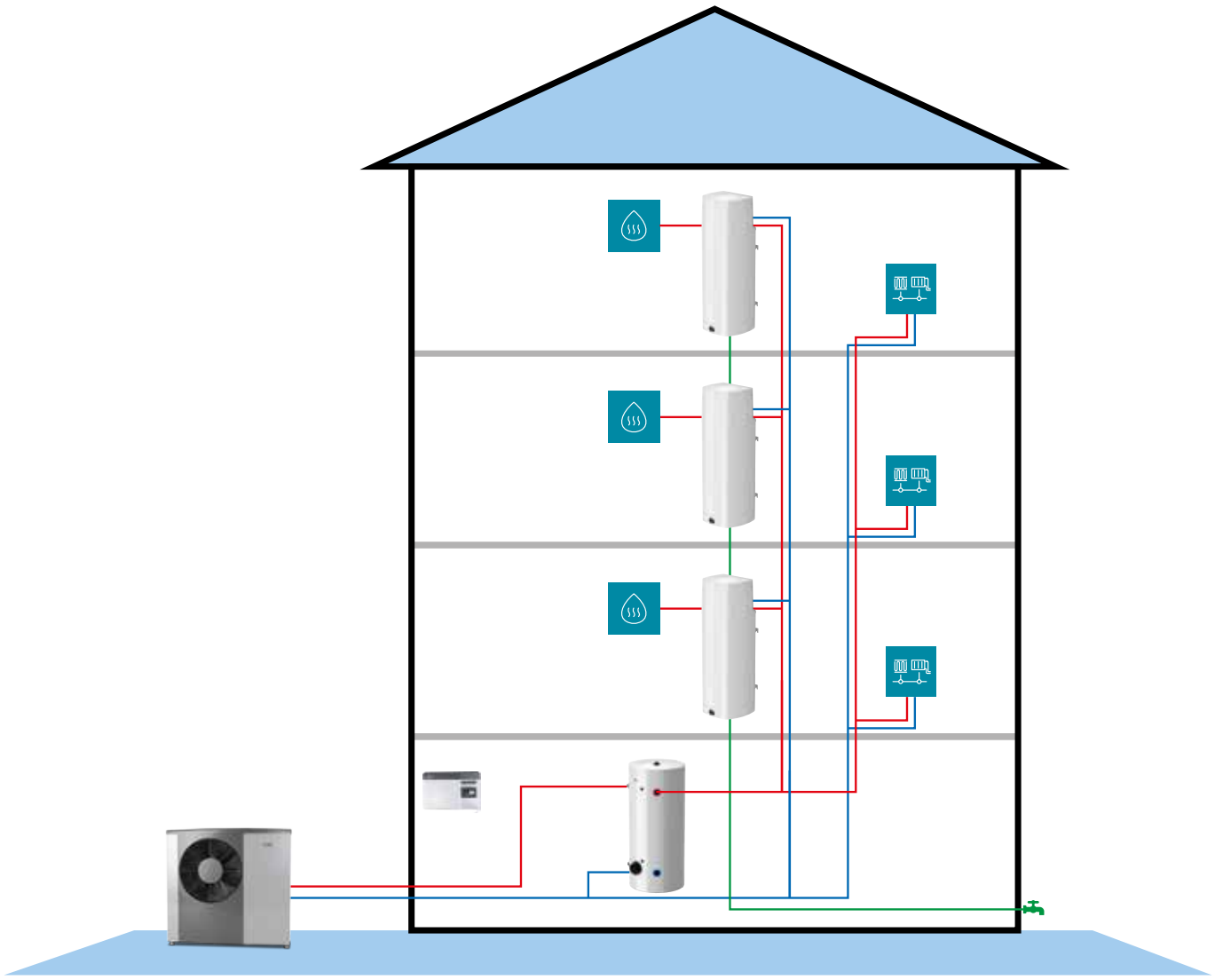
Example of use of DHW W 200/300:



Example of use of DHW W 120:



Decentralized preparation of sanitary water in a multi-apartment building using water/water DHW W Booster heat pumps for sanitary water.




Ciiki

Air/water sanitary heat pumps

DHW LT / CLT

DHW heat pumps are intended for heating sanitary water.

- Up to 75% lower electricity consumption An environmentally friendly product that runs on a renewable energy source – air
- The highest A+ energy efficiency class in its category
- Heats water up to 65°C using only a heat pump
- Electric heater for faster heating and achieving a higher temperature of 75°C
- Operates in the temperature range of the inlet air from + -7°C to +35°C

The product range includes the following models:

- **DHW LT 80 l/120 l, wall mounting**
- **DHW CLT 200 l/300 l, freestanding with heat exchanger**

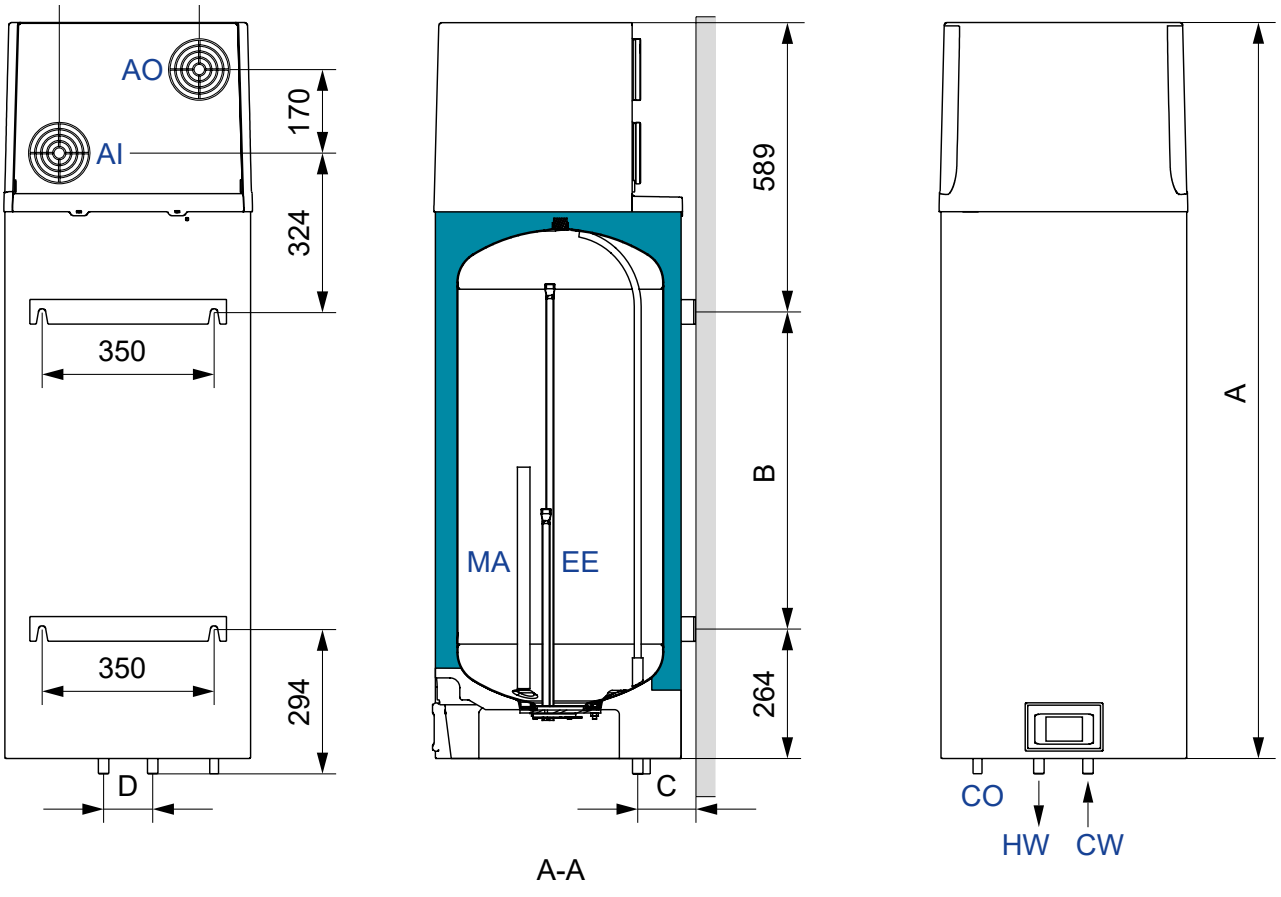
A+

MAIN CHARACTERISTICS:

- Capacity of 80 l/120 l
- Wall mounting
- Power source – channel or room air
- COPDHW 3.15
- Working range, air temp. -7/+35 °C
- Built-in auxiliary electric heater
- Automatic anti-legionella cycle

MODEL		DHW LT 80	DHW LT 120
Product code		735519	735531
Mounting method		wall	wall
Load profile		M	M
Energy efficiency class [1]		A+	A+
Water heating energy efficiency ηwh [1]	%	111	112
Annual electricity consumption ACC [1]	kWh	461	459
Indoor sound power level [3]	dB(A)	51	51
Storage volume V	l	78,2	117,6
Mixed water at 40°C V40 [1]	l	90	142
TECHNICAL CHARACTERISTICS			
Heating time A20/W10-55 [2]	h:min	04:02	06:34
Heating time A7/W10-55 [1]	h:min	05:20	08:41
COPDHW A20/10-55 [2]		3,15	3,15
COPDHW A7/W10-55 [1]		2,65	2,61
Heating output A20 EN 16147	kW	0,8	0,8
Heating output A7 EN 16147	kW	0,6	0,6
Refrigerant****		R134a (GWP 1430)	R134a (GWP 1430)
Quantity of refrigerant	kg	0,540	0,540
Working range – air temperature	°C	-7 / +35	-7 / +35
Working air flow	m^3/h	100-230	100-230
Pressure drop in the pipeline at 60% fan speed	Pa	70	70
Nominal electrical power of the compressor	W	250	250
Maximum power consumption	W	2350	2350
Number of heating elements x power	W	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50
Electric protection	A	16	16
Degree of protection		IP24	IP24
WATER STORAGE TANK			
Tank made of enameled steel/Protective Mg anode		Yes/Yes	Yes/Yes
Working pressure	bar	6	6
Maximum working pressure heat exchanger	bar	-	-
Surface area of the heat exchanger	m^2	-	-
Exchange power in continuous mode [4]	kW	-	-
Continuous output ΔT=35K [4]	l/h	-	-
Max. temperature water storage tank–heat pump	°C	55	55
Max. temperature water storage tank–heating element	°C	75	75
Max. temperature water storage tank–heat exchanger	°C	-	-
Net/Gross/Weight with water	kg	58 / 61 /138	68 / 71 / 188
Packaging dimensions	mm	575x600x1365	575x600x1665

[1] EU Regulation 812/2013; EN 16147:2010, Average Climate Conditions (ACC) [2] EN 16147:2011 [*] at an inlet air temperature of 20°C, 58% humidity and inlet water temperature of 10°C, heating water up to 55°C in accordance with the EN16147 Standard and EU Directive 812/2013 [***] The product contains fluorinated greenhouse gases. Hermetically sealed.



		DHW LT 80 (735519)	DHW LT 120 (735531)
A	[mm]	1197	1497
B	[mm]	345	645
C	[mm]	100	100
D	[mm]	100	100

		DHW LT 80 (735519)	DHW LT 120 (735531)
CW	Cold water inflow	G 1/2" *	G 1/2" *
HW	Hot water outflow	G 1/2" *	G 1/2" *
CO	Condensate drainage		
AI	Air inlet	Ø125 mm	Ø125 mm
AO	Air outlet	Ø125 mm	Ø125 mm
EE	Electric heater		
MA	Protective anode		

* external thread

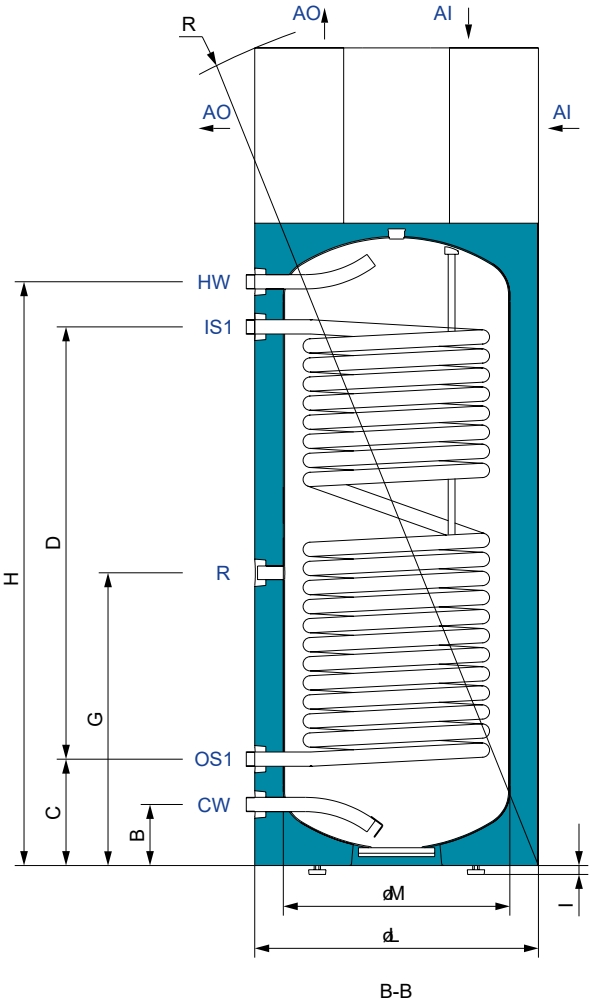
A+

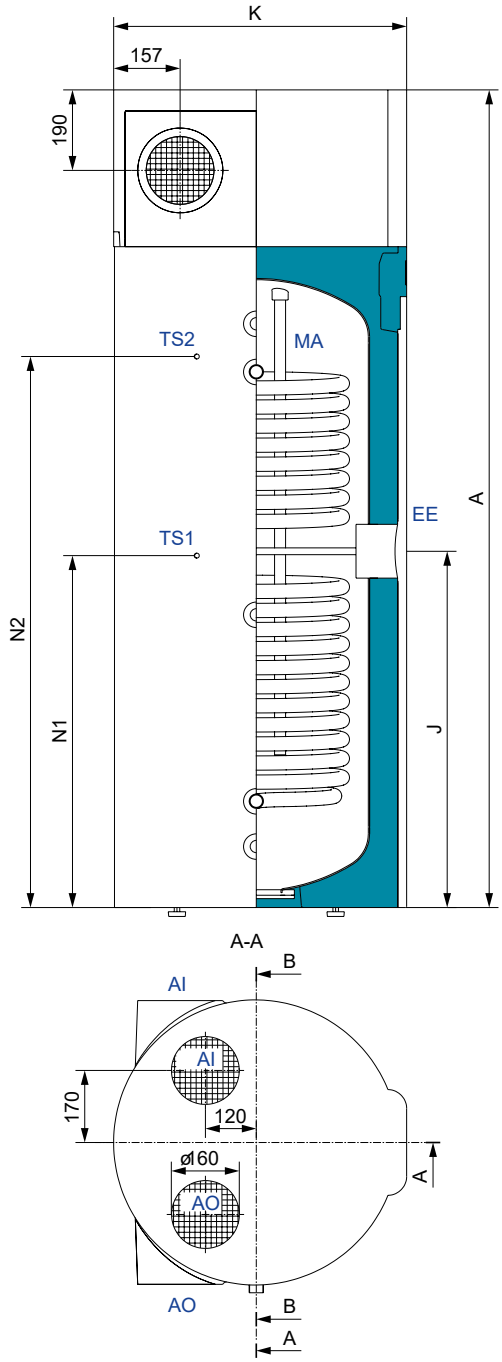
MAIN CHARACTERISTICS:

- Capacity of 200 l/300 l
- Freestanding
- Power source – channel or room air
- Working range, air temp. -7/+35 °C
- COPDHW 3.7
- Built-in additional heat exchanger
- Built-in auxiliary electric heater
- Possible connection with other energy sources, PV, solar systems or tanks
- Automatic anti-legionella cycle

MODEL		DHW CLT 200	DHW CLT 300
Product code		736234	736235
Mounting method		freestanding	freestanding
Load profile		L	XL
Energy efficiency class [1]		A+	A+
Water heating energy efficiency ηwh [1]	%	127	134
Annual electricity consumption ACC [1]	kWh	806	1246
Indoor sound power level [3]	dB(A)	59	59
Storage volume V	l	194,0	276,0
Mixed water at 40°C V40 [1]	l	248	368
TECHNICAL CHARACTERISTICS			
Heating time A20/W10-55 [2]	h:min	04:29	06:54
Heating time A7/W10-55 [1]	h:min	06:06	09:39
COPDHW A20/W10-55 [2]		3,31	3,7
COPDHW A7/W10-55 [1]		3,06	3,30
Heating output A20 EN 16147	kW	1,9	1,9
Heating output A7 EN 16147	kW	1,30	1,30
Refrigerant****		R134a (GWP 1430)	R134a (GWP 1430)
Quantity of refrigerant	kg	1,100	1,100
Working range – air temperature	°C	-7 / +35	-7 / +35
Working air flow	m^3/h	220-450	220-450
Pressure drop in the pipeline at 60% fan speed	Pa	100	100
Nominal electrical power of the compressor	W	490	490
Maximum power consumption	W	2490	2490
Number of heating elements x power	W	2 x 1000	2 x 1000
Voltage/Frequency	V/Hz	230/50	230/50
Electric protection	A	16	16
Degree of protection		IP24	IP24
WATER STORAGE TANK			
Tank made of enameled steel/Protective Mg anode		Yes/Yes	Yes/Yes
Working pressure	bar	6	6
Maximum working pressure heat exchanger	bar	12	12
Surface area of the heat exchanger	m^2	1,45	2,7
Exchange power in continuous mode [4]	kW	41,1	74,1
Continuous output ΔT=35K [4]	l/h	1010	1821
Max. temperature water storage tank–heat pump	°C	65	65
Max. temperature water storage tank–heating element	°C	75	75
Max. temperature water storage tank–heat exchanger	°C	85	85
Net/Gross/Weight with water	kg	133/145/327	177/189/453
Packaging dimensions	mm	800x800x1765	800x800x2155

[1] EU Regulation 812/2013; EN 16147:2010, Average Climate Conditions (ACC) [2] EN 16147:2011 [*] at an inlet air temperature of 20°C, 58% humidity and inlet water temperature of 10°C, heating water up to 55°C in accordance with the EN16147 Standard and EU Directive 812/2013 [***] The product contains fluorinated greenhouse gases. Hermetically sealed.





		DHW CLT 200 (736234)	DHW CLT 300 (736235)
A	[mm]	1540	1930
B	[mm]	144	144
C	[mm]	251	251
D	[mm]	620	1020
G	[mm]	580	690
H	[mm]	975	1375
I	[mm]	21	21
J	[mm]	615	840
K	[mm]	690	690
L	[mm]	670	670
M	[mm]	535	535
N1	[mm]	-	790
N2	[mm]	900	1300
R	[mm]	1680	2045

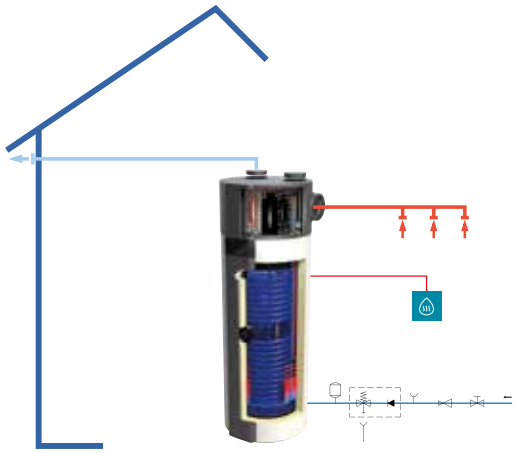
		DHW CLT 200 (736234)	DHW CLT 300 (736235)
CW	Cold water inflow	G 1" *	G 1" *
HW	Hot water outflow	G 1" *	G 1" *
IS1	Medium inflow into the heat exchanger	G 1" *	G 1" *
OS1	Medium outlet from the heat exchanger	G 1" *	G 1" *
R	Circulation conduit	G 3/4" **	G 3/4" **
TS1	Sensors tube		Ø9 mm, 205 mm
TS2	Sensors tube	Ø9 mm, 205 mm	Ø9 mm, 205 mm
EE	Electric heater		
MA	Protective anode	G 1"	G 1"
AI	Air inlet	Ø160 mm	Ø160 mm
AO	Air outlet	Ø160 mm	Ø160 mm

* external thread

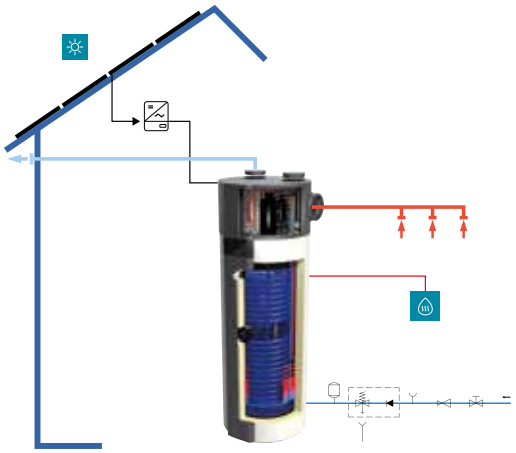
** internal thread

Preparation of sanitary water in a single-dwelling building using a DHW CLT air/water sanitary heat pump.

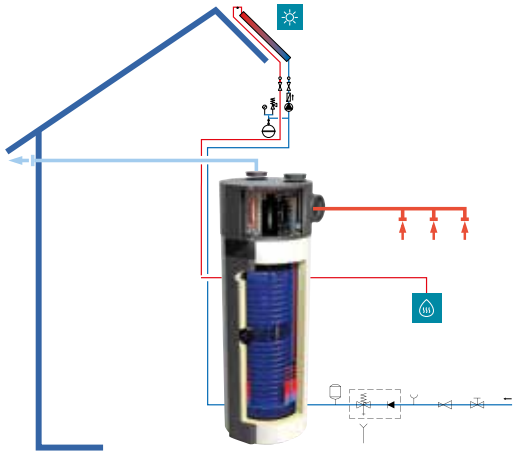
Examples of use:



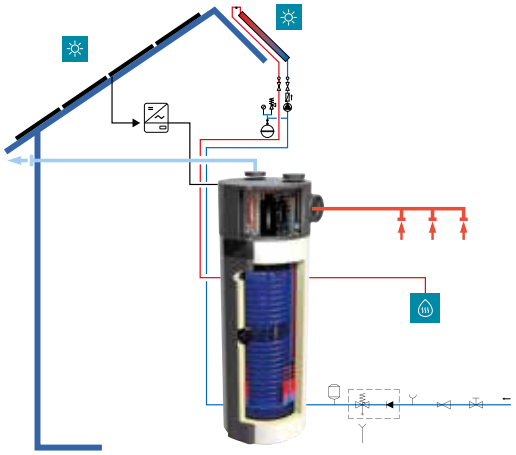
1 DHW CLT Basic assembly



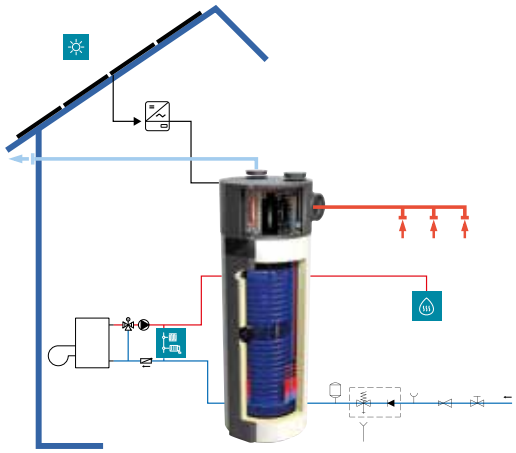
2 DHW CLT + PV system



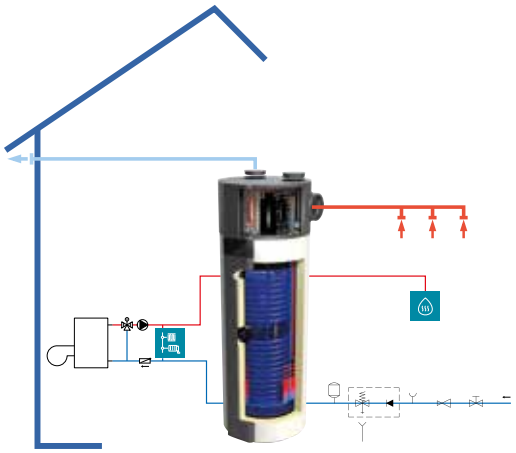
3 DHW CLT + Solar panel



4 DHW CLT + PV system + Solar panel



5 DHW CLT + PV system + Tank

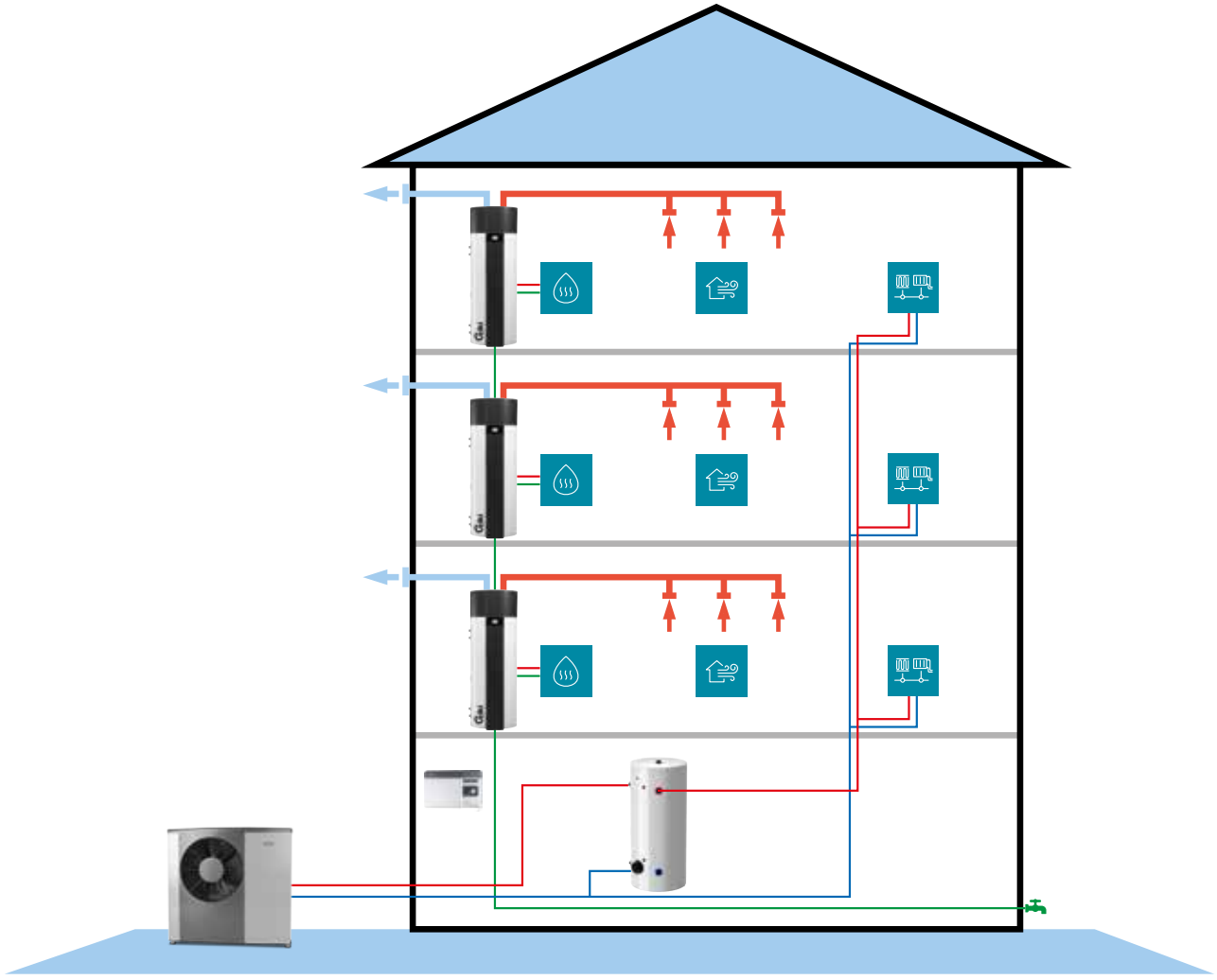


6 DHW CLT + Tank

Selection of the air intake and exhaust location

The possible adjustment of the side and top air intake and exhaust routing allows easy mounting and adjustment of the installation to any room (basement, storage room, laundry room, garage).

Decentralized preparation of sanitary water in a multi-apartment building using DHW CLT air/water sanitary heat pumps.



Combined hot water storage tank – Twin Tower

For heat pump heating systems

The optimal solution for heating and domestic hot-water needs combined in one housing. With a double tank, the upper acting as a domestic hot-water storage tank and the lower tank performing the role of a buffer tank, which stores thermal energy for heating.

- **Specially designed for use with heat pumps**
- **Indirectly heated hot water storage tanks with a large surface area heat exchanger**
- **Possible integration into different heating systems in new constructions and alterations**
- **Compact design, requires little space for mounting**
- **Easy mounting, connections with external thread**
- **Energy-efficient operation**
- **Long service life**

Combined storage tank for
heat pump heating systems

Eco Twin Tower 230/70-2.2

B

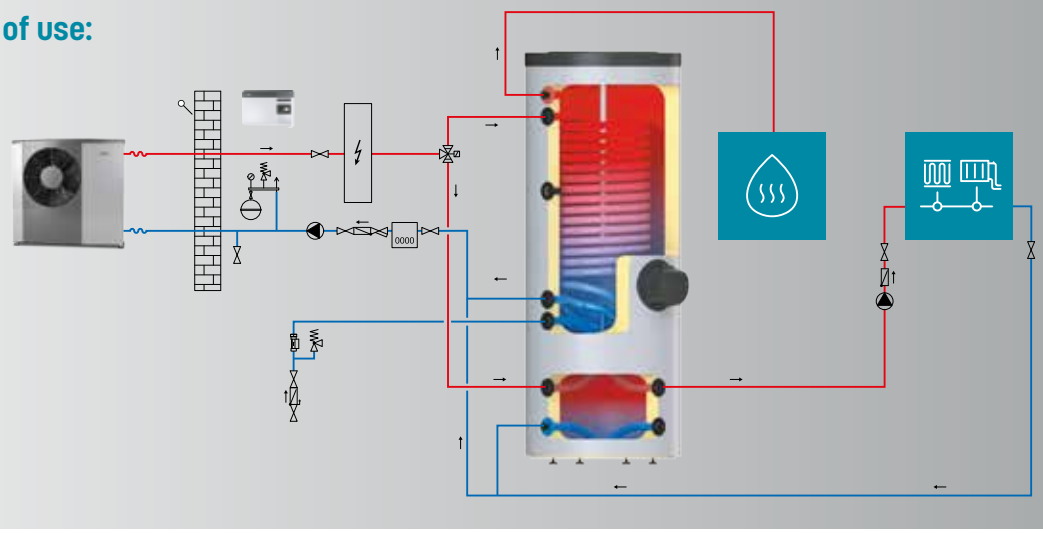
MAIN CHARACTERISTICS:

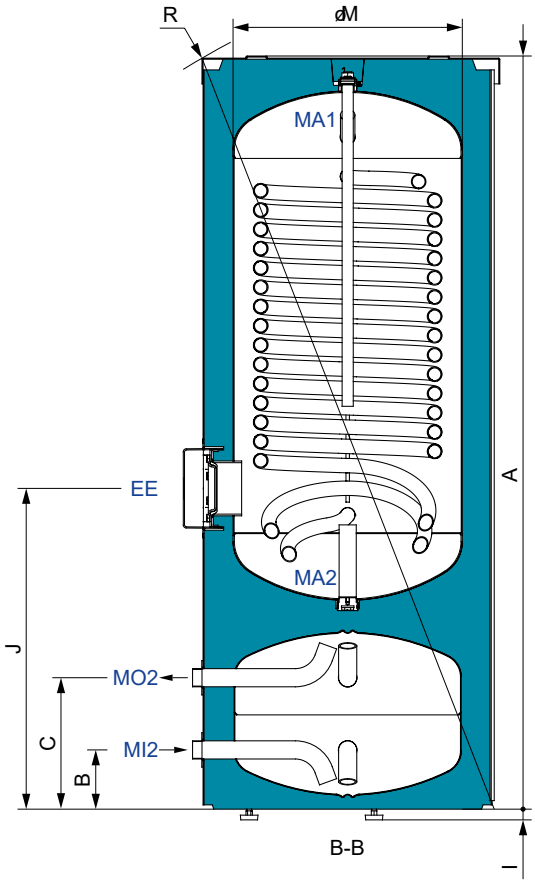
- Capacity of 220 l storage tank, 60 l buffer tank
- Large surface area heat exchanger, 2.2 m2
- Highly efficient insulation, B/A energy class
- Heat exchanger connections 2 x G 1«, external thread
- Buffer tank connections 4 x G 1 1/4«, external thread
- Storage tank with high-quality enameled coating and two Mg anodes
- 3 sensor pockets
- Flange for cleaning the tank or installing an electric heater

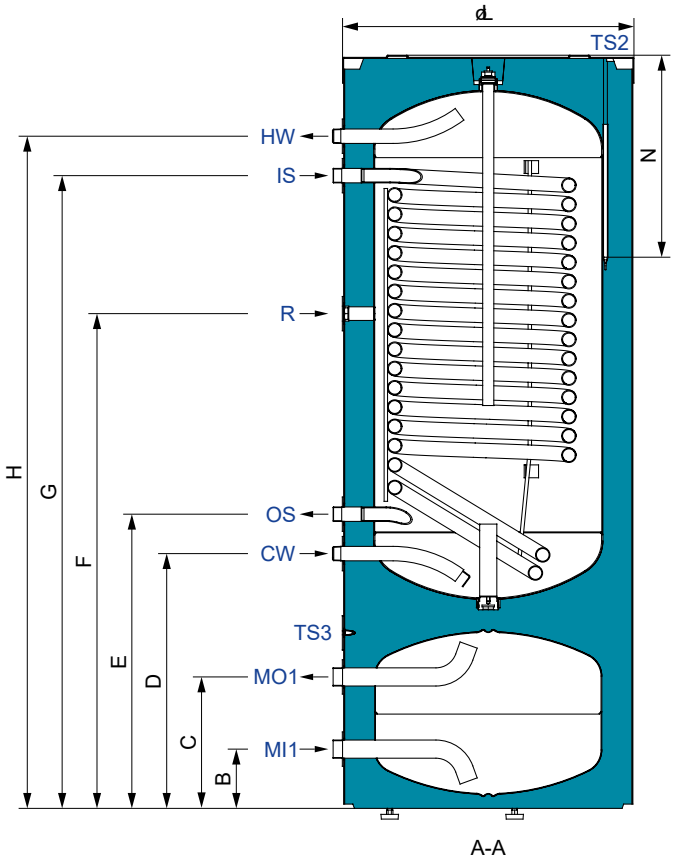
Model		Eco Twin Tower 230/70-2.2	
Product code		700235	
Energy efficiency class [1]		B	
Standing loss S [2]	W	52,5	
Storage volume	l	220 / 67	
Net/Gross/Weight with water	kg	124/136/411	
TECHNICAL CHARACTERISTICS		**Storage tank**	**Buffer tank**
Tank made of enameled steel [*]		Yes	-
Protective Mg anode		Yes	-
Average thickness of insulation	mm	67	67
Degree of protection		IP 24	
Surface area of the heat exchanger	m^2	2,2	-
Heat exchanger volume	l	14,9	-
Exchange power in continuous mode [3]	kW	61,2	-
Continuous output ΔT=35K [3]	l/h	1504	-
Working pressure	bar	6 / 9 / 10	10
Heat exchanger working pressure	bar	12	-
El. heater heating power 230 V ~	kW	-	-
Possibility of subsequent installation of the heater	-	Yes	-
Max. water temperature storage tank/heat exchanger	°C	85/95	85/-
Heat loss [2]	kWh/24	1,2	0,7
TRANSPORTATION DATA			
Packaging dimensions [WxDxH]	mm	760x760x2025	

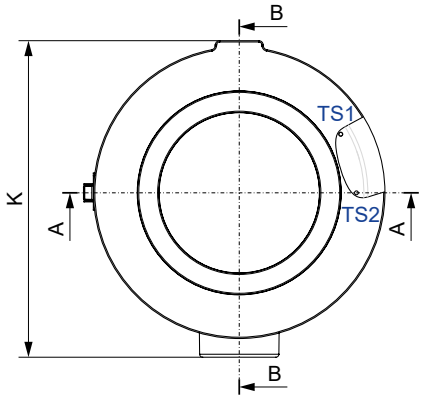
[1] EU Regulation 812/2013; EN 50440 [2] Tested in accordance with EN 12897:2006 or EN 60379:2005 [3] Sanitary water heating from 10°C to 45°C at the inlet temperature of the heat transfer fluid of 80°C and a flow of 3000 l/h. [*] Enameled in accordance with DIN 4753

Example of use:









ETT230/70-2.2 (700235)		
A	[mm]	1758
B	[mm]	138
C	[mm]	306
D	[mm]	595
E	[mm]	687
F	[mm]	1155
G	[mm]	1477
H	[mm]	1569
I	[mm]	25 – 70
J	[mm]	749
K	[mm]	740
L	[mm]	675
M	[mm]	535
N	[mm]	466
R	[mm]	1885

ETT230/70-2.2 (700235)		
CW	Cold water inflow	R 1" *
HW	Hot water outflow	R 1" *
IS1	Medium inflow into the heat exchanger	G 1 " *
OS1	Medium outlet from the heat exchanger	G 1 " *
R	Circulation conduit	G ³/₄" **
TS1	Sensors tube	Ø9 mm, 1036 mm
TS2	Sensors tube	Ø9 mm, 466 mm
TS3	Sensors tube	Ø9 mm, 400 mm
EE	Cleaning flange	
MA1	Protective anode	G1"
MA2	Protective anode	G1½"
MI1	Medium inflow/outlet	G1¼" *
MO1	Medium inflow/outlet	G1¼" *
MI2	Medium inflow/outlet	G1¼" *
MO2	Medium inflow/outlet	G1¼" *

* external thread
** internal thread


Ceiki

Domestic hot-water storage tanks

For heat pump heating systems

- Freestanding indirectly heated hot water storage tanks with large surface area heat exchangers
- Designed for use with heat pumps
- Quality enameled coating and anode protection ensure a long service life of the tank
- Connections with external threads make it easy to connect to the pipelin

The product range includes the following:

- **Space models 200 l and 300 l with a high-performance heat exchanger**
- **Space models 200 l, 300 l and 430 l with a high-performance heat exchanger**

Space 200-S2.0 / 300-S3.0 / 300-S4.0

C

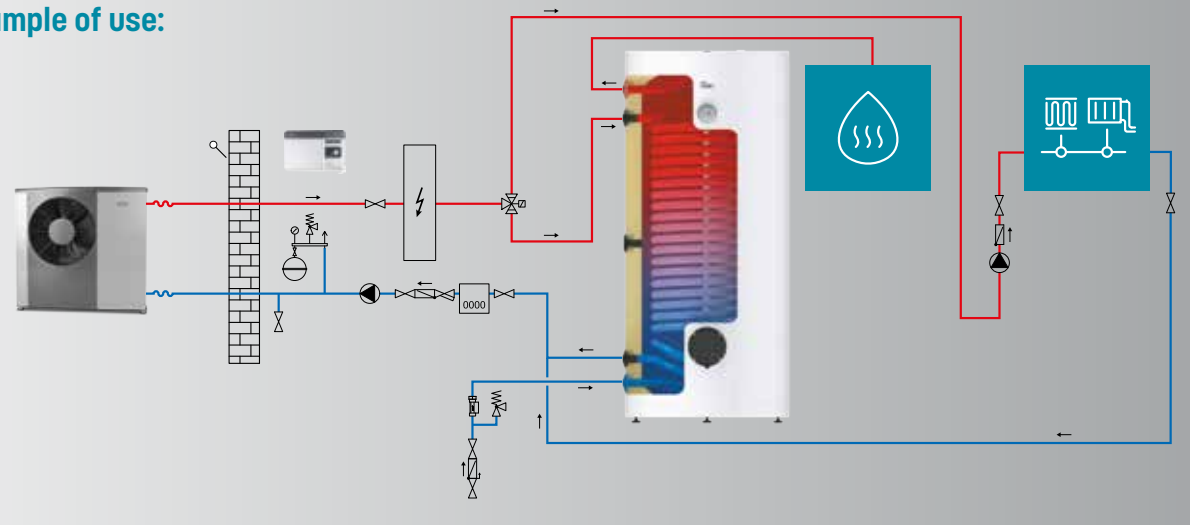
MAIN CHARACTERISTICS:

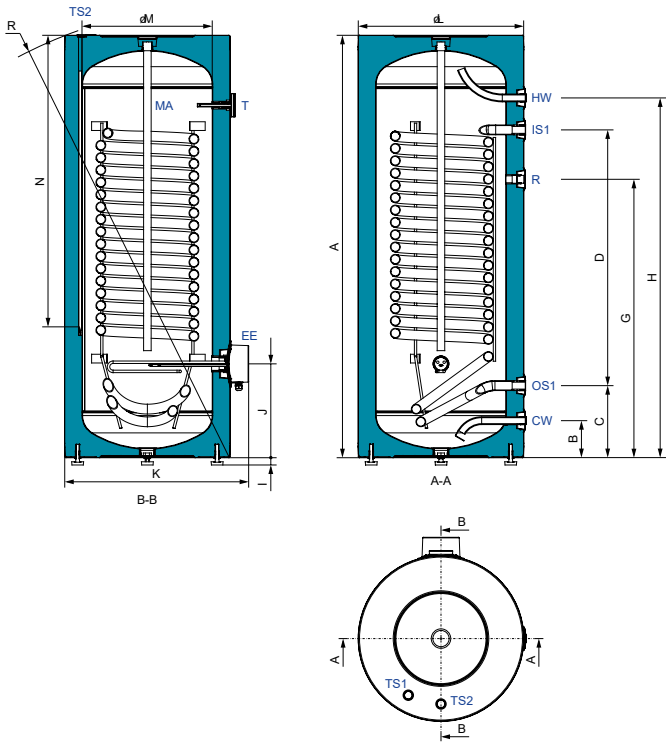
- Capacity of 200 l/ 300 l
- Large surface area heat exchanger, 2/3/4 m²
- Highly efficient insulation, C energy class
- Heat exchanger connections G 1″ / G 1 ¼″
- High-quality enameled coating and Mg anode
- 2 sensor pockets
- Heat indicator
- Built-in 3 kW electric heater

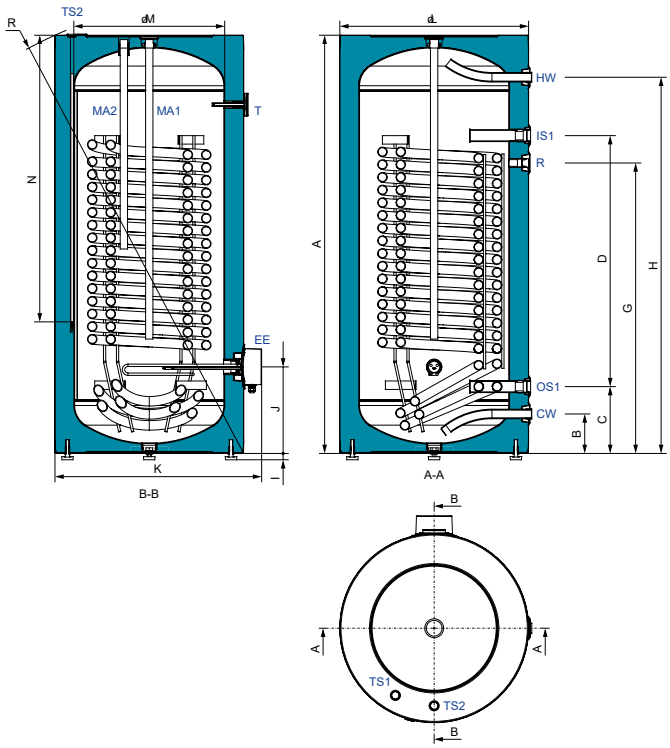
Model		Space 200-S2.0	Space 300-S3.0	Space 300-S4.0
Product code		700063	700064	700107
Energy efficiency class [1]		C	C	C
Standing loss S [2]	W	65	81	81
Storage volume	l	180	263	249
Net/Gross/Weight with water	kg	91/103/272	144/156/407	169/181/418
TECHNICAL FEATURES				
Tank made of enameled steel [*]		Yes	Yes	Yes
Protective Mg anode		Yes	Yes	Yes
Average thickness of insulation	mm	60	67	67
Degree of protection		IP 24	IP 24	IP 24
Surface area of the heat exchanger	m²	2	3	4
Heat exchanger volume	l	12,2	17,4	26,5
Exchange power in continuous mode [3]	kW	56,2	74,8	106,8
Continuous output ΔT=35K [3]	l/h	1380	1838,0	2625
Working pressure storage tank/heat exchanger	bar	6/12	6/12	6/12
El. heater heating power 230 V ~	kW	3	3	3
Max. water temperature storage tank/heat exchanger	°C	85/95	85/95	85/95
Heat loss [2]	kWh/24	1,6	1,9	1,9
TRANSPORTATION DATA				
Packaging dimensions [WxDxH]	mm	760x680x1685	760x760x1720	760x760x1720

[1] EU Regulation 812/2013; EN 50440 [2] Tested in accordance with EN 12897:2006 or EN 60379:2005 [3] Sanitary water heating from 10°C to 45°C at the inlet temperature of the heat transfer fluid of 80°C and a flow of 3000 l/h.
[*] Enameled in accordance with DIN 4753

Example of use:







		Space200-S2.0 (700063)	Space300-S3.0 (700064)
CW	Cold water inflow	G 3/4" **	G 1" *
HW	Hot water outflow	G 3/4" *	G 1" *
IS1	Medium inflow into the heat exchanger	G 1" *	G 1" *
OS1	Medium outlet from the heat exchanger	G 1" *	G 1" *
R	Circulation conduit	G 3/4" **	G 3/4" **
TS1	Sensors tube	Ø9, 430 mm	Ø9, 450 mm
TS2	Sensors tube	Ø9, 1000 mm	Ø9, 1020 mm
EE	Electric heater		
MA	Protective anode	G 1"	G 1"
T	Thermometer		

* external thread

** internal thread

Space300-S4.0 (700107)		
CW	Cold water inflow	G 1" *
HW	Hot water outflow	G 1" *
IS1	Medium inflow into the heat exchanger	G 1 1/4" **
OS1	Medium outlet from the heat exchanger	G 1 1/4" **
R	Circulation conduit	G 3/4" **
TS1	Sensors tube	Ø9, 450 mm
TS2	Sensors tube	Ø9, 1020 mm
EE	Electric heater	
MA1	Protective anode	G 1"
MA2	Protective anode	G 1"
T	Thermometer	

* external thread

** internal thread

A	[mm]	1490	1454
B	[mm]	140	128
C	[mm]	237	248
D	[mm]	980	880
G	[mm]	1042	958
H	[mm]	1334	1238
I	[mm]	25 – 70	25 – 70
J	[mm]	287	323
K	[mm]	735	635
L	[mm]	670	570
M	[mm]	535	450
N	[mm]	1020	1000
R	[mm]	1635	1565

A	[mm]	1490
B	[mm]	140
C	[mm]	237
D	[mm]	890
G	[mm]	1030
H	[mm]	1334
I	[mm]	25 – 70
J	[mm]	307
K	[mm]	735
L	[mm]	670
M	[mm]	535
N	[mm]	1020
R	[mm]	1635

Space 200-S2.2 PRO / 300-S3.6 PRO

B

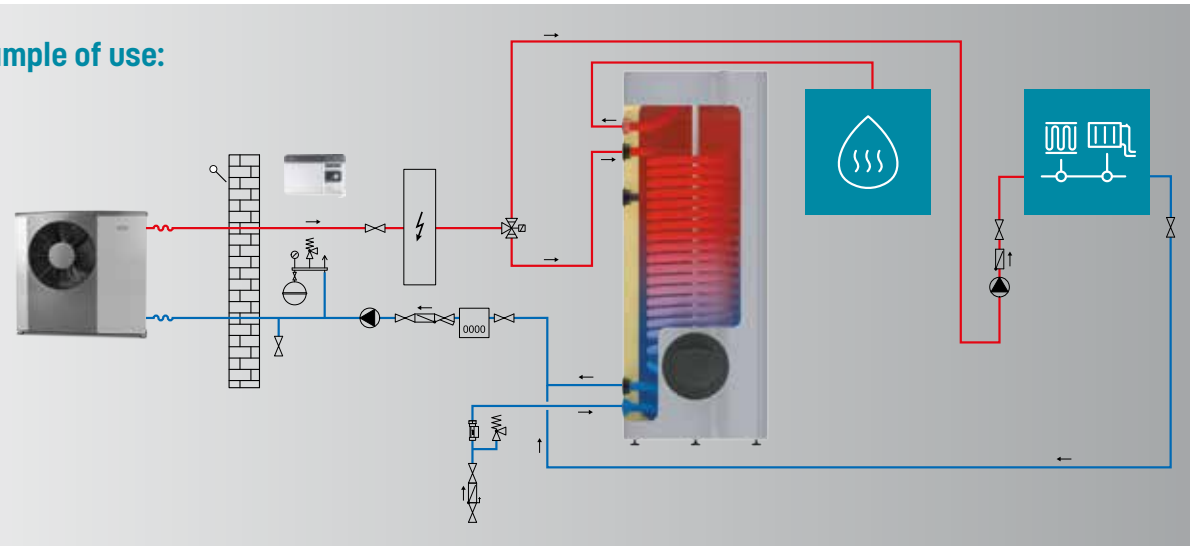
MAIN CHARACTERISTICS:

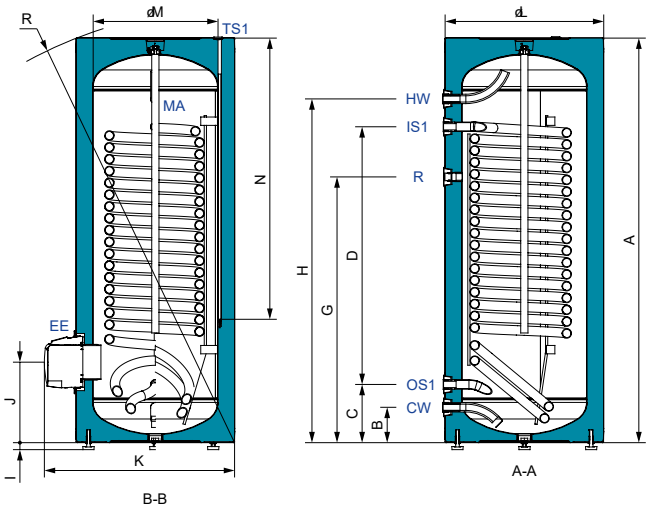
- Capacity of 200 l/ 300 l
- Large surface area heat exchanger, 2.2/3.6 m^2
- Highly efficient insulation, B energy class
- Heat exchanger connections G 1″ / G 1 $^1/_4$″
- High-quality enameled coating and two Mg anodes (300 l model)
- Sensor pocket
- Flange for cleaning the tank or installing an electric heater

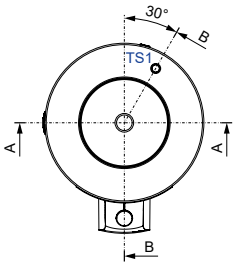
Model		Space200-S2.2PRO	Space 300-S3.6 PRO
Product code		700258	700212
Energy efficiency class [1]		B	B
Standing loss S [2]	W	53	61
Storage volume	l	180	258
Net/Gross/Weight with water	kg	96/106/271	157/169/415
TECHNICAL CHARACTERISTICS			
Tank made of enameled steel [*]		Yes	Yes
Protective Mg anode		Yes	Yes
Average thickness of insulation	mm	67	67
Degree of protection		IP 24	IP 24
Surface area of the heat exchanger	m^2	2,18	3,6
Heat exchanger volume	l	13,8	24,5
Exchange power in continuous mode [3]	kW	64,4	98,7
Continuous output ΔT=35K [3]	l/h	1504	2425
Working pressure storage tank/heat exchanger	bar	6/12	6/12
El. heater heating power 230 V ~	kW	-	-
Possible subsequent installation of the heater		Yes	Yes
Max. water temperature storage tank/heat exchanger	°C	85/95	95/110
Heat loss [2]	kWh/24	1,3	1,5
TRANSPORTATION DATA			
Packaging dimensions [WxDxH]	mm	760x760x1720	760x760x1720

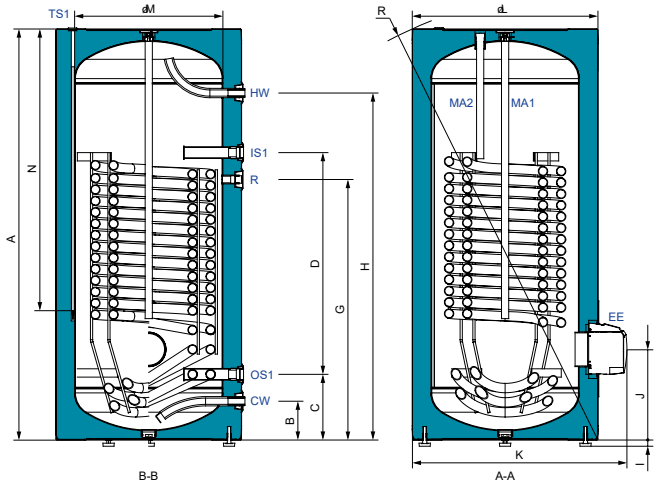
[1] EU Regulation 812/2013; EN 50440 [2] Tested in accordance with EN 12897:2006 or EN 60379:2005 [3] Sanitary water heating from 10°C to 45°C at the inlet temperature of the heat transfer fluid of 80°C and a flow of 3000 l/h.
[*] Enameled in accordance with DIN 4753

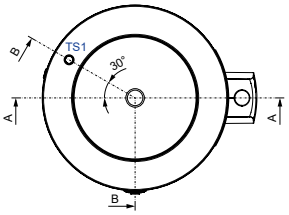
Example of use:











Space200-S2.2PRO (700258)		
CW	Cold water inflow	R 1" *
HW	Hot water outflow	R 1" *
IS1	Medium inflow into the heat exchanger	R 1" *
OS1	Medium outlet from the heat exchanger	R 1" *
R	Circulation conduit	G $^{3}/_{4}$" **
TS1	Sensors tube	Ø9 mm, 1000 mm
EE	Cleaning flange	
MA	Protective anode	G 1"

* external thread

** internal thread

A	[mm]	1454
B	[mm]	127
C	[mm]	209
D	[mm]	925
G	[mm]	954
H	[mm]	1234
I	[mm]	25 – 70
J	[mm]	270
K	[mm]	682
L	[mm]	570
M	[mm]	450
N	[mm]	1000
R	[mm]	1565

Space300-S3.6PRO (700212)		
CW	Cold water inflow	R 1" *
HW	Hot water outflow	R 1" *
IS1	Medium inflow into the heat exchanger	G 1 $^{1}/_{4}$" **
OS1	Medium outlet from the heat exchanger	G 1 $^{1}/_{4}$" **
R	Circulation conduit	G $^{3}/_{4}$" **
TS1	Sensors tube	Ø9, 1016 mm
EE	Cleaning flange	
MA1	Protective anode	G 1"
MA2	Protective anode	G 1"

* external thread

** internal thread

A	[mm]	1483
B	[mm]	140
C	[mm]	237
D	[mm]	800
G	[mm]	940
H	[mm]	1252
I	[mm]	25 – 70
J	[mm]	327
K	[mm]	775
L	[mm]	670
M	[mm]	535
N	[mm]	1016
R	[mm]	1630

Space 430-S5.0

B

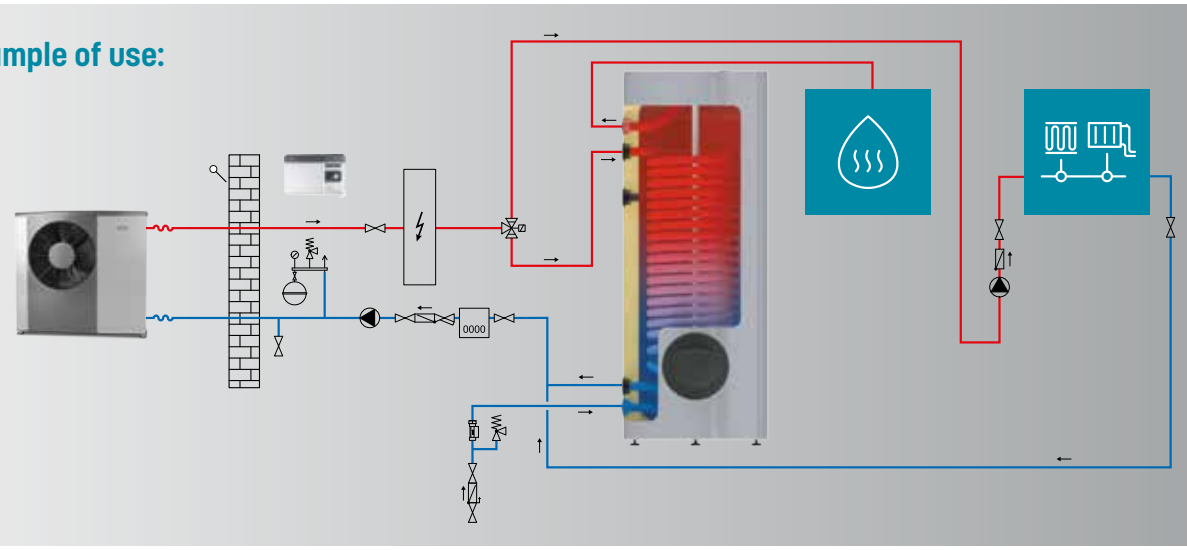
MAIN CHARACTERISTICS:

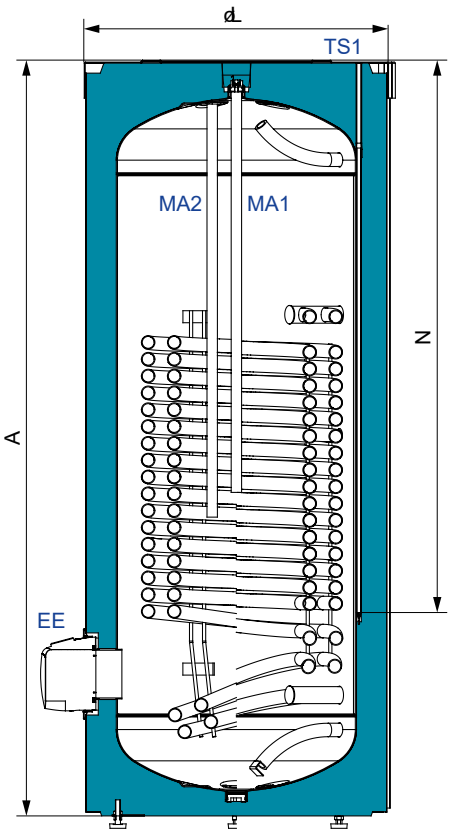
- Capacity of 430 l
- Large surface area heat exchanger, 5 m2
- Highly efficient insulation, B energy class
- Heat exchanger connections G 1 1/4", for increased flow
- High-quality enameled coating and two Mg anodes
- Sensor pocket
- Flange for cleaning the tank or installing an electric heater

Model		Space 430-S5.0
Product code		700211
Energy efficiency class [1]		B
Standing loss S [2]	W	70,0
Storage volume	l	405
Net/Gross/Weight with water	kg	195/210/604
TECHNICAL CHARACTERISTICS		
Tank made of enameled steel [*]		Yes
Protective Mg anode		Yes
Average thickness of insulation	mm	75
Degree of protection		IP 24
Surface area of the heat exchanger	m^2	5
Heat exchanger volume	l	32,5
Exchange power in continuous mode [3]	kW	114,6
Continuous output ΔT=35K [3]	l/h	2816
Working pressure storage tank/heat exchanger	bar	6/10
El. heater heating power 230 V ~	kW	-
Possible subsequent installation of the heater		Yes
Max. water temperature storage tank/heat exchanger	°C	85/95
Heat loss [2]	kWh/24	1,7
TRANSPORTATION DATA		
Packaging dimensions [WxDxH]	mm	900x900x2110

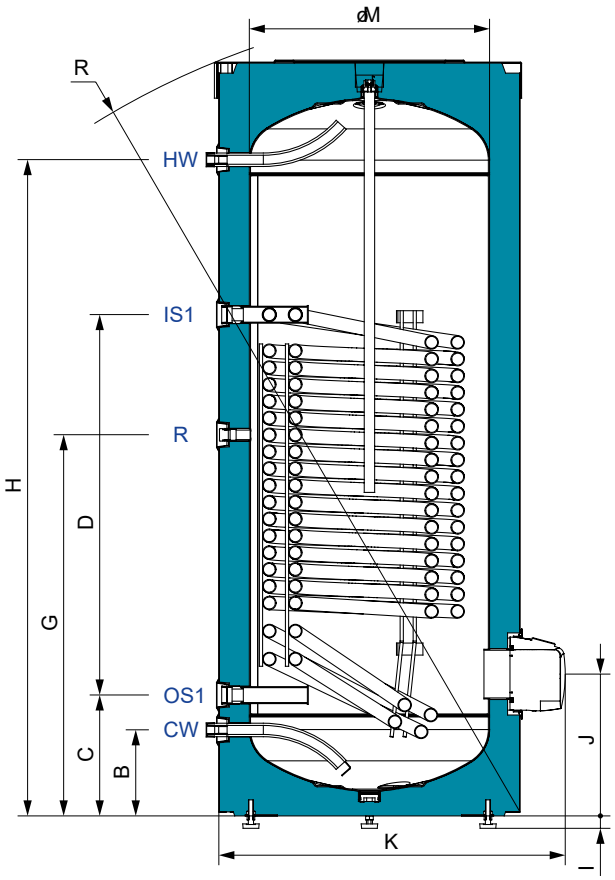
[1] EU Regulation 812/2013; EN 50440 [2] Tested in accordance with EN 12897:2006 or EN 60379:2005 [3] Sanitary water heating from 10°C to 45°C at the inlet temperature of the heat transfer fluid of 80°C and a flow of 3000 l/h.
[*] Enameled in accordance with DIN 4753

Example of use:

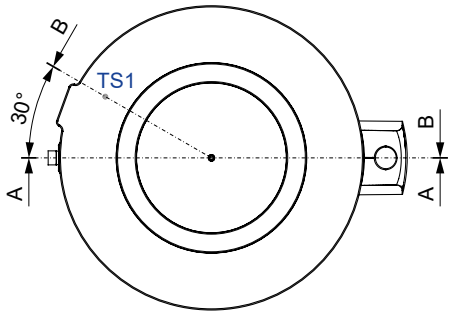




B-B



A-A



Space430-S5.0 (700211)		
A	[mm]	1888
B	[mm]	215
C	[mm]	302
D	[mm]	950
G	[mm]	952
H	[mm]	1639
I	[mm]	31 – 70
J	[mm]	354
K	[mm]	869
L	[mm]	760
M	[mm]	600
N	[mm]	1350
R	[mm]	2040

Space430-S5.0 (700211)		
CW	Cold water inflow	R 1" *
HW	Hot water outflow	R 1" *
IS1	Medium inflow into the heat exchanger	G 1 1/4" **
OS1	Medium outlet from the heat exchanger	G 1 1/4" **
R	Circulation conduit	G 3/4" **
TS1	Sensors tube	Ø9, 1350 mm
EE	Cleaning flange	
MA1	Protective anode	G 1"
MA2	Protective anode	G 1"

* external thread

** internal thread


Ciki

Buffer tanks

Buffer tanks developed specially for installation in heat pump systems.

- Separate the heat pump hydraulically from the heating circuit, ensure minimal water flow
- Increase the volume of the heating system, and thus reduce the number of pump compressor starts
- Provide equal water temperature
- In air/water heat pumps, they serve as a heat source for defrosting the evaporator
- Useful in heating and cooling systems

The product range includes the following:

- **Slim 25 l and 50 l models for wall mounting**
- **50 l and 100 l models for wall mounting**
- **100 l and 150 l models with connections on top for installation on the floor**
- **200 l and 300 l models for installation on the floor**

Buffer 25S / 50S

C

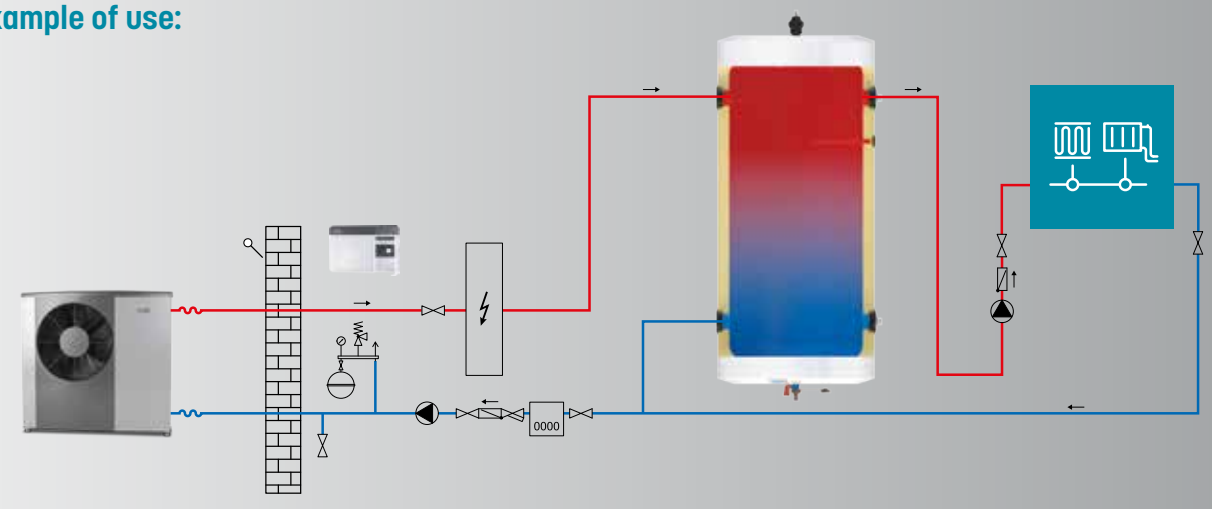
MAIN CHARACTERISTICS:

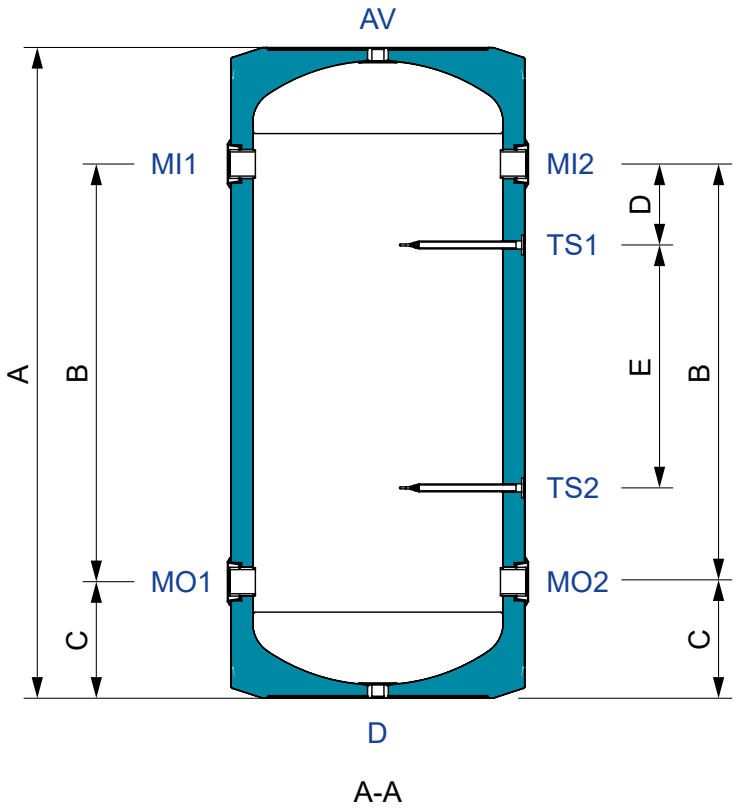
- Wall mounting
- Capacity of 25 l/50 l
- Compact dimensions, suitable for installation in a limited space
- Anti-condensation insulation
- 2 sensor pockets (50 l model)
- Ventilation G $^1/_2$″
- Nominal pressure 10 bar

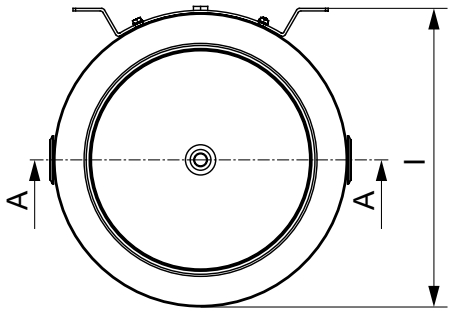
Model		Buffer 25S	Buffer 50S
Product code		700080	700081
Mounting method		wall	wall
Energy efficiency class [1]		C	C
Standing loss S [2]	W	35	48
Storage volume	l	25	50
Net/Gross/Weight with water	kg	15/17/40	28,9/30,9/79,9
TECHNICAL CHARACTERISTICS			
Working pressure	bar	10	10
Maximum water temperature	°C	95	95
Minimum water temperature (cooling)	°C	5	5
Non-enameled steel tank		Yes	Yes
Average thickness of insulation	mm	37	37
ACCESSORIES			
Electric heater		-	-
Air vent pot with valve G 1/2		Yes	Yes
Discharge ball valve G 1/2		Yes	Yes
Plug 2 pcs		-	-
TRANSPORTATION DATA			
Packaging dimensions	mm	375x415x745	375x415x 1215

[1] Commission Regulation EU 812/2013; EN 50440
[2] Tested in accordance with EN 12897:2006 or EN 60379:2005

Example of use:



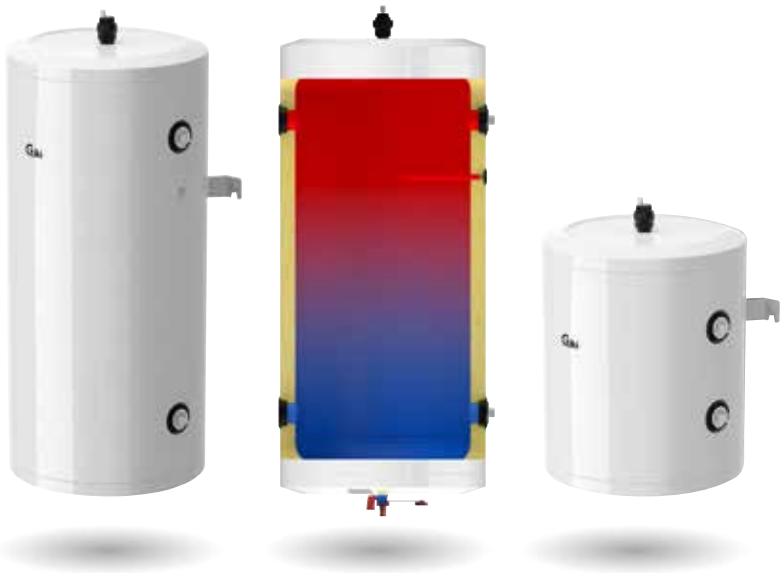




		Buffer 25S (700080)	Buffer 50S (700081)
A	[mm]	610	1080
B	[mm]	305	776
C	[mm]	153	153
D	[mm]	79	79
E	[mm]	-	618
F	[mm]	270	270
G	[mm]	334	334
H	[mm]	458	927
I	[mm]	355	355

		Buffer 25S (700080)	Buffer 50S (700081)
MI1	Medium inflow/outlet	G 3/4" **	G 3/4" **
MO1	Medium inflow/outlet	G 3/4" **	G 3/4" **
MI2	Medium inflow/outlet	G 3/4" **	G 3/4" **
MO2	Medium inflow/outlet	G 3/4" **	G 3/4" **
AV	Ventilation	G 1/2" **	G 1/2" **
TS1	Sensors tube	Ø9 mm, 175 mm	Ø9 mm, 175 mm
TS2	Sensors tube		Ø9 mm, 175 mm
D	Exhaust	G 1/2" **	G 1/2" **

** internal thread



Buffer 50 / 100

C

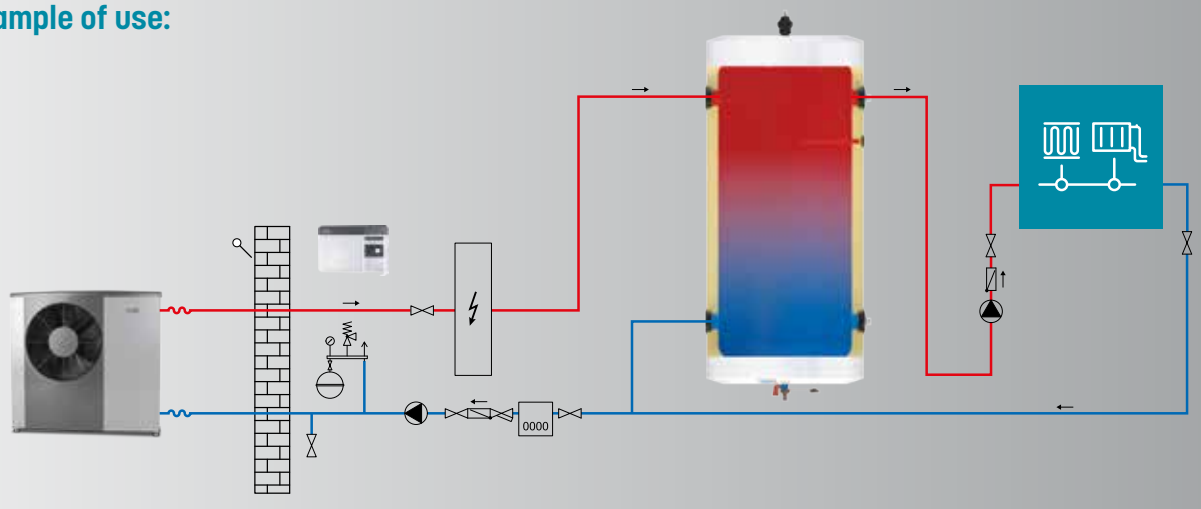
MAIN CHARACTERISTICS:

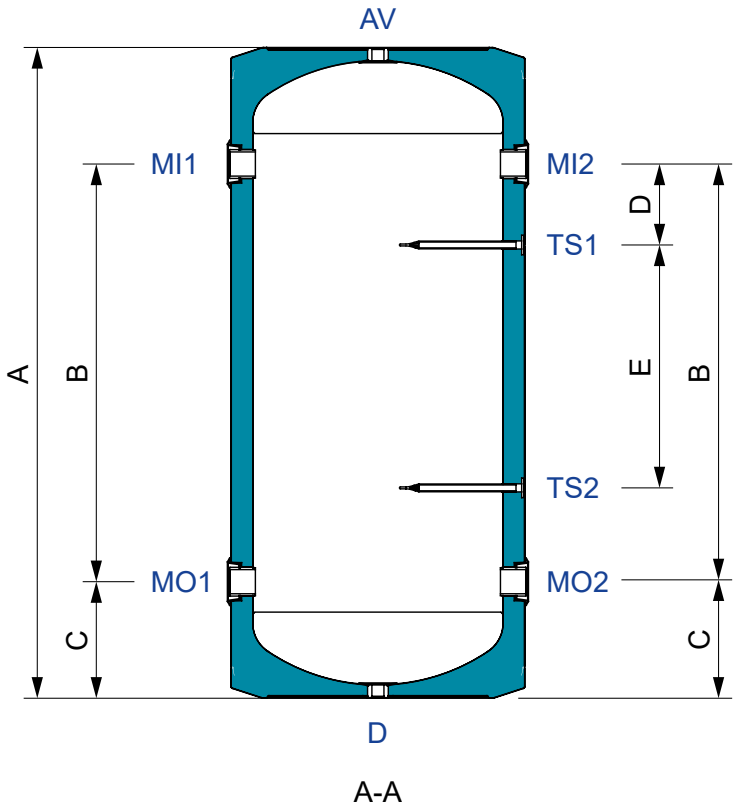
- Wall mounting
- Capacity of 50 l/ 100 l
- 4 connections with internal thread G 1 $^1/_4$″
- Anti-condensation insulation
- Sensor pocket (100 l model)
- Ventilation G $^1/_2$″
- Nominal pressure 10 bar

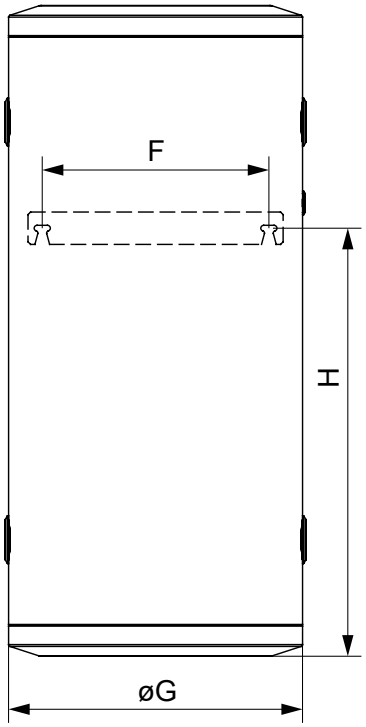
Model		Buffer 50	Buffer 100
Product code		737182	737138
Mounting method		wall	wall
Energy efficiency class [1]		C	C
Standing loss S [2]	W	46	68
Storage volume	l	51	102
Net/Gross/Weight with water	kg	16,5/18,5/67,50	32/34/134
TECHNICAL CHARACTERISTICS			
Working pressure	bar	10	10
Maximum water temperature	°C	95	95
Minimum water temperature (cooling)	°C	5	5
Non-enameled steel tank		Yes	Yes
Average thickness of insulation	mm	33	33
ACCESSORIES			
Electric heater		-	-
Air vent pot with valve G 1/2		Yes	Yes
Discharge ball valve G 1/2		Yes	Yes
Plug 2 pcs		G1 1/4	G1 1/4
TRANSPORTATION DATA			
Packaging dimensions	mm	480x490x650	480x490x1100

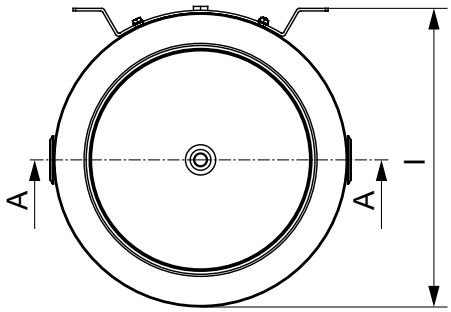
[1] Commission Regulation EU 812/2013; EN 50440
[2] Tested in accordance with EN 12897:2006 or EN 60379:2005

Example of use:









		Buffer 50 (737182)	Buffer 100 (737138)
A	[mm]	560	1005
B	[mm]	200	645
C	[mm]	180	180
D	[mm]		125
F	[mm]	350	350
G	[mm]	454	454
H	[mm]	366	661
I	[mm]	461	461

		Buffer 50 (737182)	Buffer 100 (737138)
MI1	Medium inflow/outlet	G 1 1/4" **	G 1 1/4" **
MO1	Medium inflow/outlet	G 1 1/4" **	G 1 1/4" **
MI2	Medium inflow/outlet	G 1 1/4" **	G 1 1/4" **
MO2	Medium inflow/outlet	G 1 1/4" **	G 1 1/4" **
AV	Ventilation	G 1/2" **	G 1/2" **
TS1	Sensors tube		Ø9 mm, 160 mm
D	Exhaust	G 1/2" **	G 1/2" **

** internal thread

Buffer 100FS / 150FS

B C

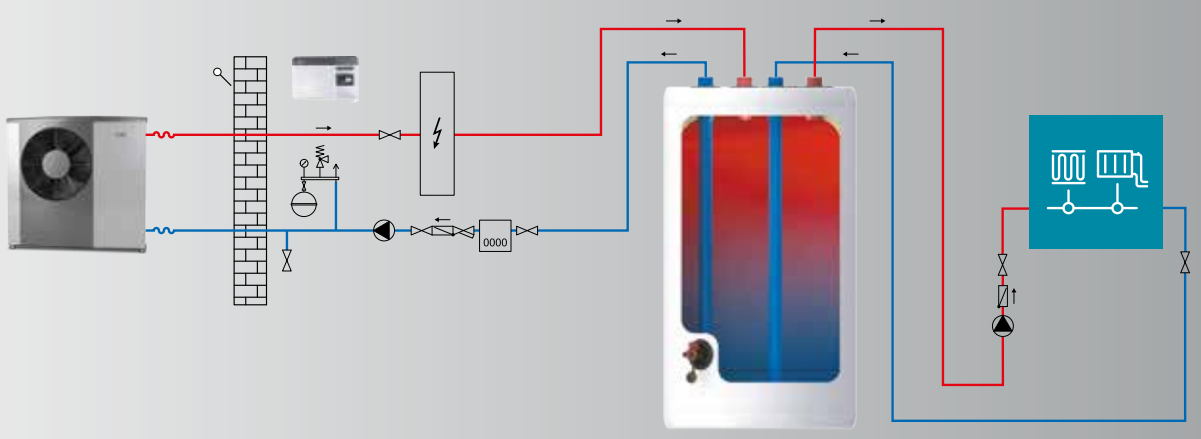
MAIN CHARACTERISTICS:

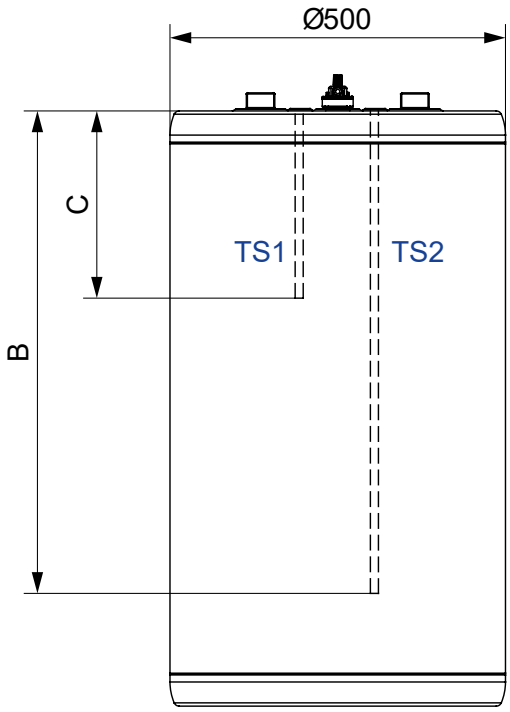
- Installation on the floor
- Capacity of 100 l/ 150 l
- Compact dimensions suitable for installation under wall units
- Convenient placement of left/right mounting connections
- 4 connections with external thread G 1 $^{1}/_{4}$" for increased flow
- Anti-condensation insulation
- 2 sensor pockets
- Ventilation G $^{1}/_{2}$"
- Nominal pressure 10 bar

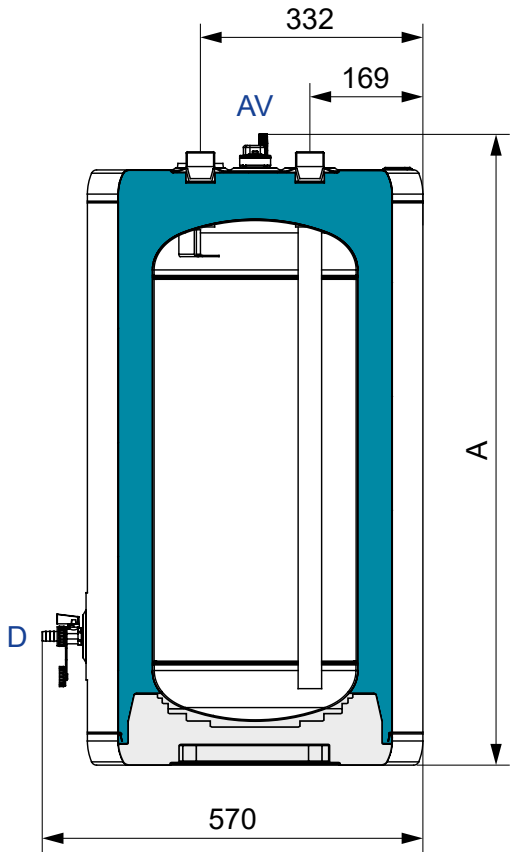
Model		Buffer 100FS	Buffer 150FS
Product code		700204	700209
Mounting method		freestanding	freestanding
Energy efficiency class [1]		B	C
Standing loss S [2]	W	49	63
Storage volume	l	104	155
Net/Gross/Weight with water	kg	31/33/135	71/75/226
TECHNICAL CHARACTERISTICS			
Working pressure	bar	10	10
Maximum water temperature	°C	95	95
Minimum water temperature (cooling)	°C	5	5
Non-enameled steel tank		Yes	Yes
Average thickness of insulation	mm	40	40
ACCESSORIES			
Electric heater		-	-
Air vent pot with valve G 1/2		Yes	Yes
Discharge ball valve G 1/2		Yes	Yes
Plug 2 pcs		G1 1/4	G1 1/4
TRANSPORTATION DATA			
Packaging dimensions	mm	600x600x1050	600x600x1420

[1] Commission Regulation EU 812/2013; EN 50440
[2] Tested in accordance with EN 12897:2006 or EN 60379:2005

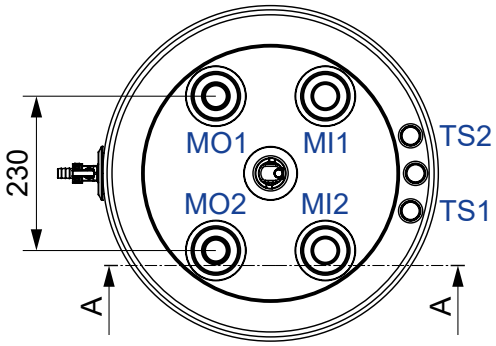
Example of use:







A-A



		Buffer 100FS (700204)	Buffer 150FS (700209)
A	[mm]	940	1314
B	[mm]	719	1090
C	[mm]	279	279

		Buffer 100FS (700204)	Buffer 150FS (700209)
MI1	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MO1	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MI2	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MO2	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
AV	Ventilation	G 1/2" **	G 1/2" **
TS1	Sensors tube	Ø9 mm, 279 mm	Ø9 mm, 279 mm
TS2	Sensors tube	Ø9 mm, 719 mm	Ø9 mm, 1090 mm
D	Exhaust	G 1/2" **	G 1/2" **

* external thread

** internal thread

Buffer 200 / 300

C

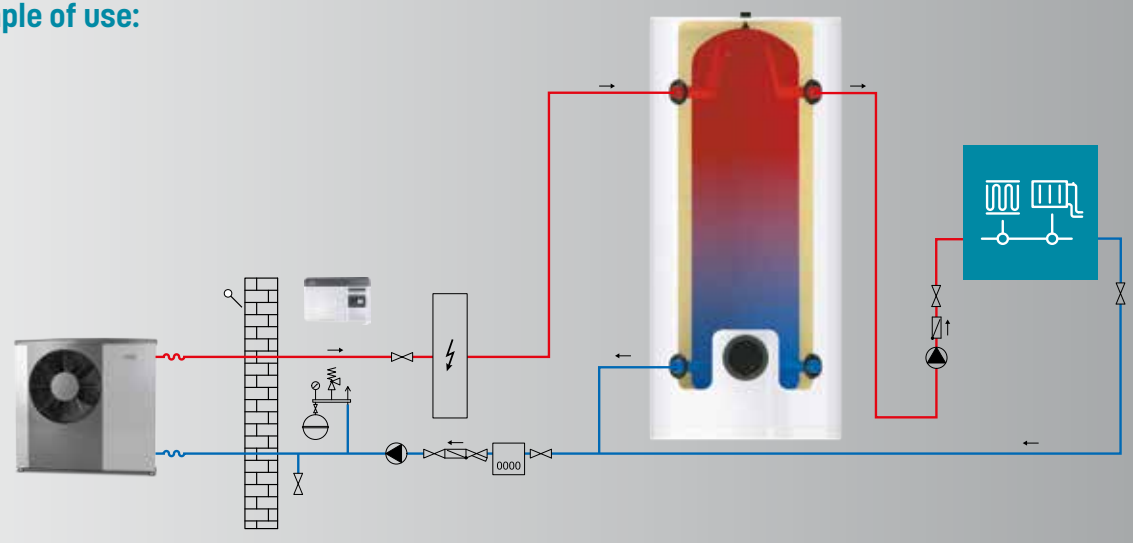
MAIN CHARACTERISTICS:

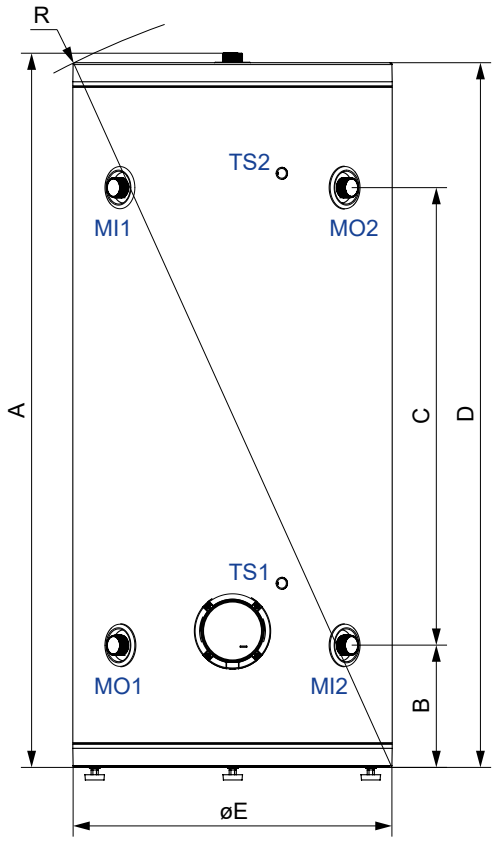
- Installation on the floor
- Capacity of 200 l/ 300 l
- 4 connections with external thread G 1 1/4" for increased flow
- Anti-condensation insulation
- 2 sensor pockets
- Ventilation G 1 1/4"
- Nominal pressure 6 bar
- Possible installation of an electric heater

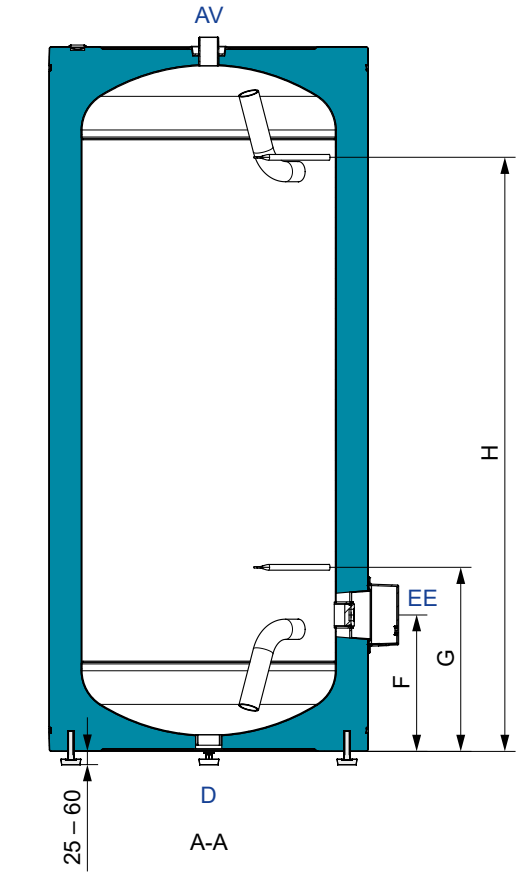
Model		Buffer 200	Buffer 300
Product code		738073	738074
Mounting method		freestanding	freestanding
Energy efficiency class [1]		C	C
Standing loss S [2]	W	78	88
Storage volume	l	195	288
Net/Gross/Weight with water	kg	55/67/250	71/84/359
TECHNICAL CHARACTERISTICS			
Working pressure	bar	6	6
Maximum water temperature	°C	95	95
Minimum water temperature (cooling)	°C	5	5
Non-enameled steel tank		Yes	Yes
Average thickness of insulation	mm	59	67
ACCESSORIES			
Electric heater		Optional	Optional
Air vent pot with valve G 1/2		-	-
Discharge ball valve G 1/2		-	-
Plug 2 pcs		-	-
TRANSPORTATION DATA			
Packaging dimensions	mm	760x680x1670	760x760x1710

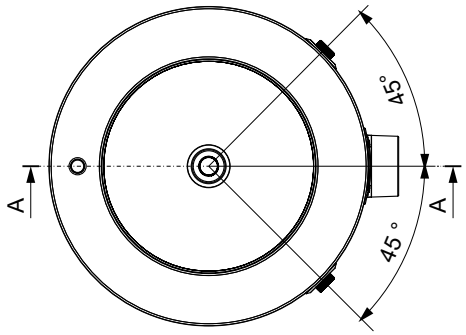
[1] Commission Regulation EU 812/2013; EN 50440
[2] Tested in accordance with EN 12897:2006 or EN 60379:2005

Example of use:









		Buffer 200 (738073)	Buffer 300 (738074)
A	[mm]	1460	1498
B	[mm]	228	256
C	[mm]	975	960
D	[mm]	1444	1478
E	[mm]	570	670
F	[mm]	258	286
G	[mm]	358	386
H	[mm]	1233	1246
R	[mm]	1595	1625

		Buffer 200 (738073)	Buffer 300 (738074)
MI1	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MO1	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MI2	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
MO2	Medium inflow/outlet	G 1 1/4" *	G 1 1/4" *
AV	Ventilation	G 1 1/4" *	G 1 1/4" *
TS1	Sensors tube	Ø9 mm, 195 mm	Ø9 mm, 200 mm
TS2	Sensors tube	Ø9 mm, 195 mm	Ø9 mm, 200 mm
EE	Bushing for electric heater	G 1 1/2" **	G 1 1/2" **
D	Exhaust	G 1 1/2" **	G 1 1/2" **

* external thread

** internal thread

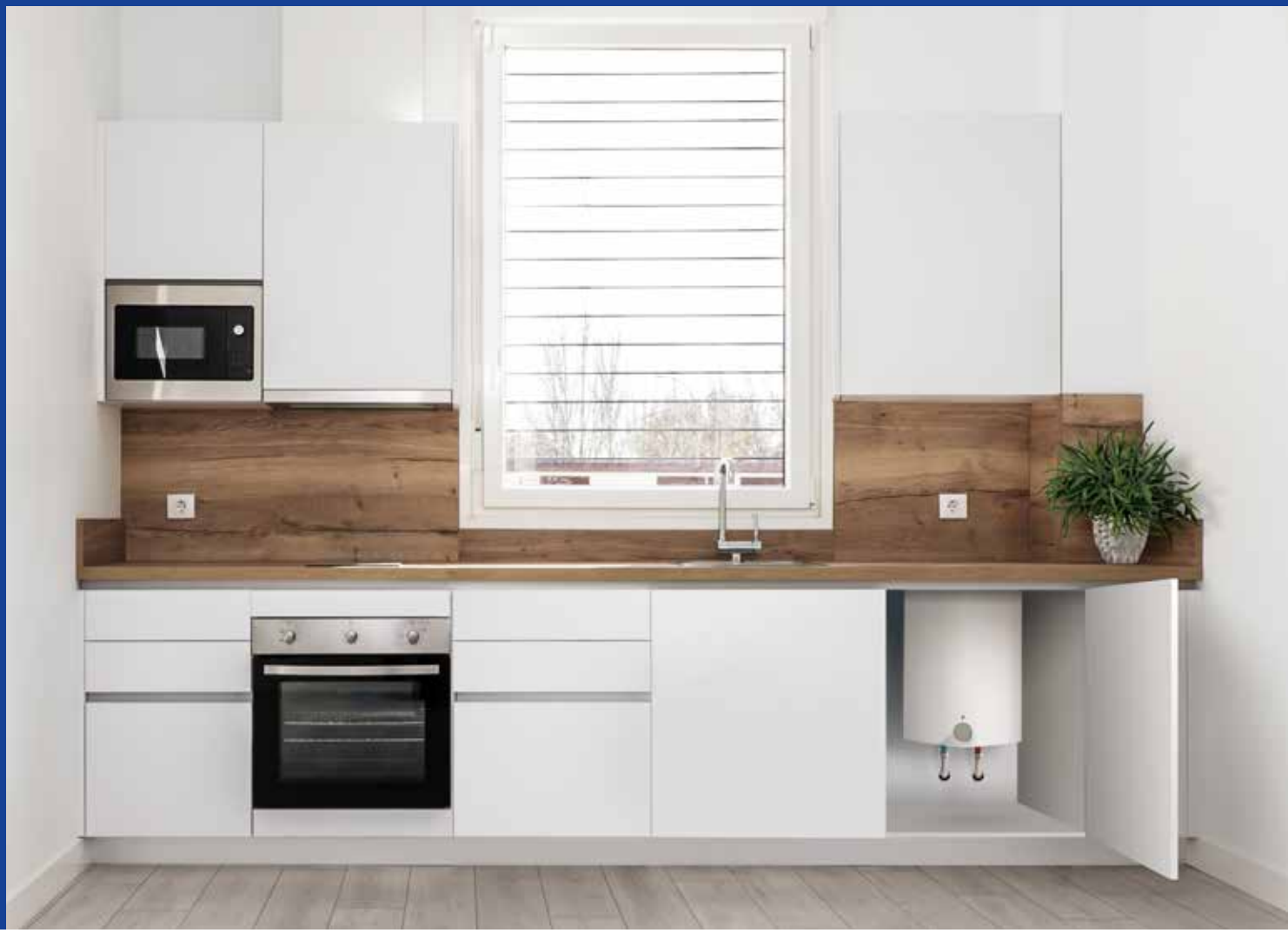
Electric water heaters

Water heaters make up a large part of our product portfolio. **They combine elegant design and reliable quality based on developed technology, excellent knowledge and many years of experience.**

There are four product lines:

- **Mini Line,**
- **Primary Line,**
- **Economic Line, and**
- **Superb Line.**

Each of these lines has specific technical and performance characteristics.



Mini Line

Mini Line heaters are designed for spaces with low water requirements, such as kitchens, guest rooms, laboratories, and workshops.

MAIN CHARACTERISTICS:

- Over-counter/under-counter installation
- Capacity of 5–15 l
- Non-pressurized version with one connection point
- Pressurized version with several connection points

A Non-pressurized electric water heaters

MODEL		Mini 5	Mini BT 5	Mini 10	Mini BT 10
Type		TEG05200/A	TEG0520U/A	TEG10200/A	TEG1020U/A
Product code		738473	738474	738475	738476
Load profile		XXS	XXS	XXS	XXS
Energy efficiency class [1]		A	A	A	A
Water heating energy efficiency ηwh [1]	%	35	35	35	35
Annual electricity consumption [1]	kWh	525	527	523	525
Daily electricity consumption [2]	kWh	2,475	2,490	2,464	2,477
Thermostat temperature settings		"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"
Possible safety measures (assembly, installation, maintenance)		Mandatory use of a non-pressurized mixer tap			
Value of smart		0	0	0	0
Storage volume V	l	5,5	5,7	9,8	9,9
PURPOSE					
One connection point		+	+	+	+
Oversink execution		+	-	+	-
Undersink execution		-	+	-	+
CONNECTION DIMENSIONS					
Height	mm	390	390	454	454
Width	mm	256	256	310	310
Depth	mm	213	213	265	265
Average thickness of insulation	mm	31	31	35	35
Connections to the supply network		G 1/2	G 3/8	G 1/2	G 3/8
Net/Gross/Weight with water	kg	3,5/4/9	3,5/4/10	4/4,5/14	4/4,5/14
TECHNICAL CHARACTERISTICS					
Working pressure	Mpa (bar)	-	-	-	-
Plastic tank		+	+	+	+
Selection of temperature up to 75°C		+	+	+	+
Protection against freezing		+	+	+	+
Heating element control lamp		+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES					
Power consumption	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS					
Heat loss at 65°C [3]	kWh/24	0,32	0,32	0,4	0,4
Heating time from 10°C to 65°C		10min	10min	20min	20min
TRANSPORTATION DATA					
Packaging dimensions	mm	220x265x430	220x265x430	275x320x490	275x320x490

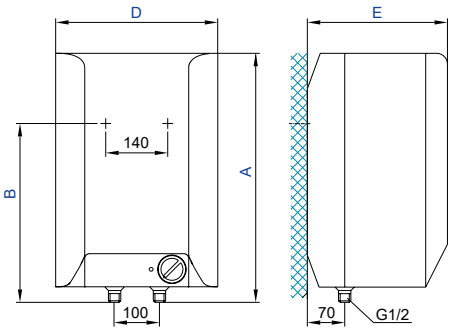
[1] Commission Regulation EU 812/2013; EN 50440
[2] EN 50440
[3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).

A Pressurized electric water heaters

MODEL		Mini P 5	Mini PBT 5	Mini P 10	Mini PBT 10	Mini P 15	Mini PBT 15
Type		GT50	GT5U	GT100	GT10U	GT150	GT15U
Product code		736225	736226	736227	736228	736229	736230
Load profile		XXS	XXS	XXS	XXS	XXS	XXS
Energy efficiency class [1]		A	A	A	A	A	A
Water heating energy efficiency ηwh [1]	%	36	35	36	35	36	35
Annual electricity consumption [1]	kWh	514	525	508	524	510	523
Daily electricity consumption [2]	kWh	2,410	2,480	2,377	2,461	2,391	2,465
Thermostat temperature settings		"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual					
Value of smart		0	0	0	0	0	0
Storage volume V	l	6,2	6,6	9,8	9,9	14,8	14,9
PURPOSE							
One connection point		+	+	+	+	+	+
Oversink execution		+	-	+	-	+	-
Undersink execution		-	+	-	+	-	+
CONNECTION DIMENSIONS							
Height	mm	396	396	500	500	500	500
Width	mm	256	256	350	350	350	350
Depth	mm	260	260	265	265	310	310
Average thickness of insulation	mm	28	28	40	40	30	30
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	6,8/7,3/12	6,8/7,3/12	8/9/18	8/9/18	11/12/26	11/12/26
TECHNICAL CHARACTERISTICS							
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)
Plastic tank		+	+	+	+	+	+
Selection of temperature up to 75°C		+	+	+	+	+	+
Protection against freezing		+	+	+	+	+	+
Heating element control lamp		+	+	+	+	+	+
Degree of protection		+	+	+	+	+	+
ELECTRICAL PROPERTIES		IP 24	IP 24	IP 24	IP 24	IP 24	IP 24
Power consumption	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
FUNCTIONAL CHARACTERISTICS							
Heat loss at 65°C [3]	kWh/24	0,35	0,35	0,48	0,48	0,62	0,62
Heating time from 10°C to 65°C		11min	11min	20min	20min	29min	29min
TRANSPORTATION DATA							
Packaging dimensions	mm	300x300x440	300x300x440	300x400x530	300x400x530	350x400x530	350x400x530

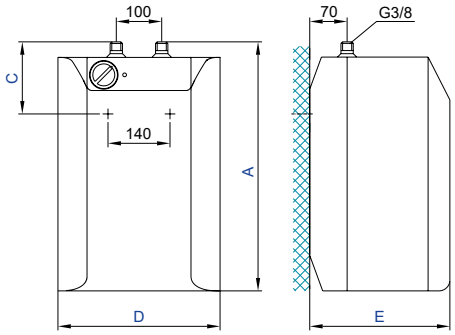
[1] Commission Regulation EU 812/2013; EN 50440
[2] EN 50440
[3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).

Mini



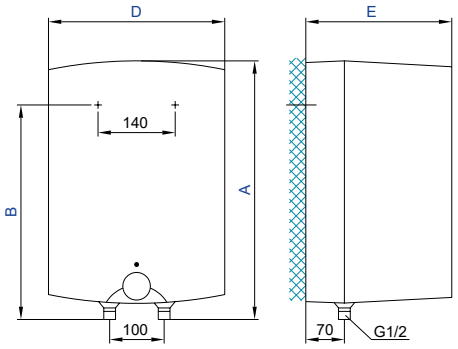
	Mini 5	Mini 10
A (mm)	390	471
B (mm)	264	371
C (mm)	-	-
D (mm)	256	310
E (mm)	213	265

Mini BT



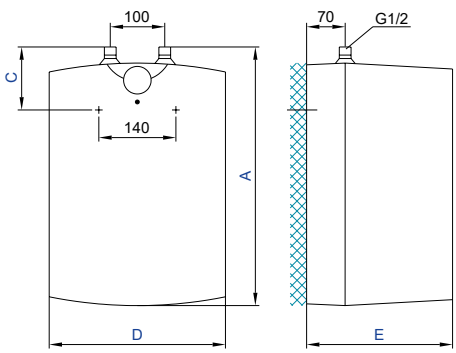
	Mini BT 5	Mini BT 10
A (mm)	390	471
B (mm)	-	-
C (mm)	138	196
D (mm)	256	310
E (mm)	213	265

Mini P



	Mini P 5	Mini P 10	Mini P 15
A (mm)	396	500	500
B (mm)	270	398	398
C (mm)	-	-	-
D (mm)	256	350	350
E (mm)	260	265	310

Mini PBT



	Mini PBT 5	Mini PBT 10	Mini PBT 15
A (mm)	396	500	500
B (mm)	-	-	-
C (mm)	144	122	122
D (mm)	256	350	350
E (mm)	260	265	310

Primary Line

Primary Line heaters are designed for central hot water supply. They combine modern design with reliable quality, based on knowledge, modern technology, and many years of experience.

MAIN CHARACTERISTICS:

- Capacity of 30–150 l
- Anti-corrosion protection
- Prime CL/CR models have a built-in heat exchanger that allows the heating of water with a central heating system.

C

MODEL		Prime 30	Prime 50	Prime 80	Prime 100	Prime 120	Prime 150
Type		TG30N	TG50N	TG80N	TG100N	TG120N	TG150N
Product code		737027	737028	737029	737030	737031	737032
Load profile		S	M	M	L	L	XL
Energy efficiency class [1]		C	C	C	C	C	C
Water heating energy efficiency ηwh [1]	%	33	36	36	37	37	38
Annual electricity consumption [1]	kWh	558	1427	1428	2762	2770	4413
Daily electricity consumption [2]	kWh	2,67	6,692	6,698	12,850	12,901	20,401
Thermostat temperature settings		"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual					
Value of smart		0	0	0	0	0	0
Storage volume V	l	30,4	48,1	73,0	93,4	110,7	139,8
Mixed water at 40°C V40 [2]	l	-	67	92	131	155	212
PURPOSE							
One or more connection points		+	+	+	+	+	+
Vertical wall mounting		+	+	+	+	+	+
CONNECTION DIMENSIONS							
Height	mm	459	576	781	941	1081	1296
Diameter	mm	454	454	454	454	454	454
Depth	mm	461	461	461	461	461	461
Average thickness of insulation	mm	34	23	23	23	23	23
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	15,5/17,5/45,9	21/23/69,1	27/29/100	31/33/124,4	35/38/145,7	41/44/180,8
TECHNICAL CHARACTERISTICS							
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)
Tank made of enameled steel		+	+	+	+	+	+
Protective magnesium anode		+	+	+	+	+	+
Heating element control lamp		+	+	+	+	+	+
Thermometer		+	+	+	+	+	+
Degree of protection		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
ELECTRICAL PROPERTIES							
Power consumption	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
FUNCTIONAL CHARACTERISTICS							
Heat loss at 65°C [3]	kWh/24	0,90	0,98	1,32	1,72	1,84	2,26
Heating time from 10°C to 65°C		0h 59min	1h 34min	2h 20min	3h 10min	3h 46min	4h 42min
TRANSPORTATION DATA							
Packaging dimensions	mm	488x498x495	488x498x595	488x498x800	488x498x960	488x498x1115	488x498x1330

[1] Commission Regulation EU 812/2013; EN 50440
[2] EN 50440
[3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).

C

MODEL		Prime M 30	Prime M 50	Prime M 80	Prime M 100	Prime M 120	Prime M 150
Type		TGR30N	TGR50N	TGR80N	TGR100N	TGR120N	TGR150N
Product code		736261	736262	736263	736264	736265	736266
Load profile		S	M	M	L	L	XL
Energy efficiency class [1]		C	C	C	C	C	C
Water heating energy efficiency ηwh [1]	%	33	36	36	37	37	38
Annual electricity consumption [1]	kWh	558	1427	1428	2762	2770	4413
Daily electricity consumption [2]	kWh	2,671	6,692	6,698	12,850	12,901	20,401
Thermostat temperature settings		"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual					
Value of smart		0	0	0	0	0	0
Storage volume V	l	30,4	48,1	73,0	93,4	110,7	139,8
Mixed water at 40°C V40 [2]	l	-	67	92	131	155	212
PURPOSE							
One or more connection points		+	+	+	+	+	+
Vertical wall mounting		+	+	+	+	+	+
CONNECTION DIMENSIONS							
Height	mm	468	585	790	950	1090	1305
Diameter	mm	454	454	454	454	454	454
Depth	mm	461	461	461	461	461	461
Average thickness of insulation	mm	34	23	23	23	23	23
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	16/18/46,4	21/23/69,1	27/29/100	31/33/124,4	35/38/145,7	41/44/180,8
TECHNICAL CHARACTERISTICS							
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)
Tank made of enameled steel		+	+	+	+	+	+
Protective magnesium anode		+	+	+	+	+	+
Selection of temperature up to 65°C		+	+	+	+	+	+
Heating element control lamp		+	+	+	+	+	+
Protection against freezing		+	+	+	+	+	+
Thermometer		+	+	+	+	+	+
Degree of protection		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
ELECTRICAL PROPERTIES							
Power consumption	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
FUNCTIONAL CHARACTERISTICS							
Heat loss at 65°C [3]	kWh/24	0,90	0,98	1,32	1,72	1,84	2,26
Heating time from 10°C to 65°C		0h 59min	1h 34min	2h 20min	3h 10min	3h 46min	4h 42min
TRANSPORTATION DATA							
Packaging dimensions	mm	488x498x495	488x498x595	488x498x800	488x498x960	488x498x1115	488x498x1330

[1] Commission Regulation EU 812/2013; EN 50440
[2] EN 50440
[3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).

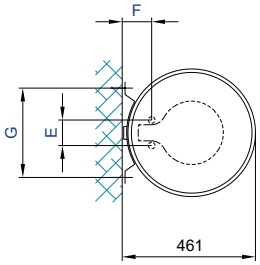
C

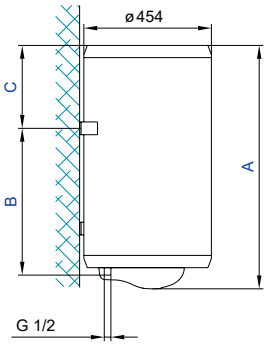
Combined electric water heater

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
Type		TGRK80L TGRK80D	TGRK100L TGRK100D	TGRK120L TGRK120D	TGRK150L TGRK150D
Product code		736974 / 736975	736976 / 736977	736978 / 736979	736980 / 737051
Load profile		M	L	L	XL
Energy efficiency class [1]		C	C	C	C
Water heating energy efficiency ηwh [1]	%	36	37	37	38
Annual electricity consumption [1]	kWh	1428	2762	2770	4413
Daily electricity consumption [2]	kWh	6,698	12,850	12,901	20,401
Thermostat temperature settings		"e" / "eco"	"e" / "eco"	"e" / "eco"	"e" / "eco"
Possible safety measures (assembly, installation, maintenance)			See the user manual		
Value of smart		0	0	0	0
Storage volume V	l	71,3	90,7	108,0	137,1
Mixed water at 40°C V40 [2]	l	88	130	143	211
PURPOSE					
One or more connection points		+	+	+	+
Vertical wall mounting		+	+	+	+
CONNECTION DIMENSIONS					
Height	mm	790	950	1090	1305
Diameter	mm	454	454	454	454
Depth	mm	461	461	461	461
Average thickness of insulation	mm	23	23	23	23
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2
Connections for heat exchanger		G 3/4	G 3/4	G 3/4	G 3/4
Net/Gross/Weight with water	kg	32/103,3	38/128,7	42/150	48/195
TECHNICAL CHARACTERISTICS					
Working pressure – tank	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)
Tank made of enameled steel		+	+	+	+
Protective magnesium anode		+	+	+	+
Selection of temperature up to 65°C		+	+	+	+
Heating element control lamp		+	+	+	+
Protection against freezing		+	+	+	+
Thermometer		+	+	+	+
Degree of protection		IP 23	IP 23	IP 23	IP 23
HEAT EXCHANGER					
Surface area of the heat exchanger	m^2	0,25	0,40	0,40	0,40
Exchange power in continuous mode [4]	kW	5,35	10,55	10,55	10,55
Continuous flow rate of DHW at ΔT35°C [4]	l/h	134	265	265	265
Maximum working pressure	MPa (bar)	0,6 (6)	0,6 (6)	0,6 (6)	0,6 (6)
Maximum temperature of the heating medium	°C	5 - 85	5 - 85	5 - 85	5 - 85
ELECTRICAL PROPERTIES					
Power consumption	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS					
Heat loss at 65°C [3]	kWh/24	1,32	1,72	1,84	2,26
Heating time from 10 to 65°C with electric heater		2h 20min	3h 10min	3h 46min	4h 42min
Heating time from 10 to 45°C with heat exchanger [4]		37 min	24 min	28 min	35 min
TRANSPORTATION DATA					
Packaging dimensions	mm	488x498x800	488x498x960	488x498x1115	488x498x1330

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).
[4] Heating of sanitary water from 10°C to 45°C at a heating medium inlet temperature of 80°C and a flow rate of 1000 l/h.

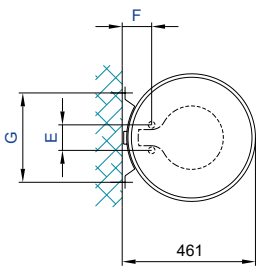
Prime

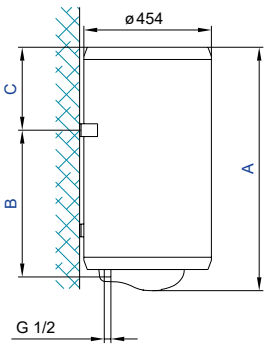




	Prime 30	Prime 50	Prime 80	Prime 100	Prime 120	Prime 150
A (mm)	459	576	781	941	1081	1296
B (mm)	275	365	565	715	865	1065
C (mm)	173	200	205	215	205	220
E (mm)	100	100	100	100	100	100
F (mm)	100	100	100	100	100	100
G (mm)	350	350	350	350	350	350

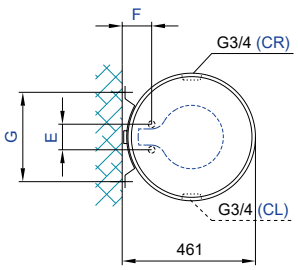
Prime M

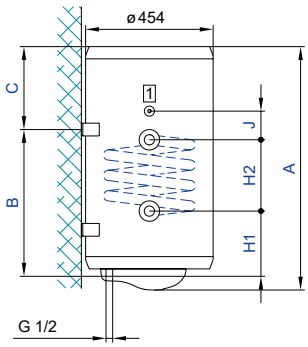




	Prime M 30	Prime M 50	Prime M 80	Prime M 100	Prime M 120	Prime M 150
A (mm)	468	585	790	950	1090	1305
B (mm)	275	365	565	715	865	1065
C (mm)	173	200	205	215	205	220
E (mm)	100	100	100	100	100	100
F (mm)	100	100	100	100	100	100
G (mm)	350	350	350	350	350	350

Prime CL/CR





	Prime CL 80 Prime CR 80	Prime CL 100 Prime CR 100	Prime CL 120 Prime CR 120	Prime CL 150 Prime CR 150
A (mm)	790	950	1090	1305
B (mm)	565	715	865	1065
C (mm)	205	215	205	220
E (mm)	100	100	100	100
F (mm)	100	100	100	100
G (mm)	350	350	350	350
H1 (mm)	222	222	222	222
H2 (mm)	200	340	340	340
J (mm)	80	80	80	80

C

MODEL		Prime EH 80	Prime EH 100	Prime EH 120
Type		TGRBH80E5	TGRBH100E5	TGRBH120E5
Product code		700287	700288	700289
Load profile		M	M	L
Energy efficiency class		B	C	C
Water heating energy efficiency ηwh [1]	%	39	37	39
Annual electricity consumption [1]	kWh	1309	1382	2605
Daily electricity consumption [2]	kWh	7,028	7,320	13,774
Thermostat temperature settings		"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)			See the user manual	
* Value of smart		1	1	1
Weekly electricity consumption with Qelec smart control, week, smart	kWh	25,978	27,401	50,601
Weekly electricity consumption without Qelec smart control, week	kWh	30,445	31,202	58,445
Storage volume V	l	78,0	98,2	117,8
Mixed water at 40°C V40 [2]	l	105	124	150
PURPOSE				
One or more connection points		+	+	+
Horizontal wall mounting		+	+	+
CONNECTION DIMENSIONS				
Height	mm	811	955	1111
Diameter	mm	500	500	500
Depth	mm	507	507	507
Average thickness of insulation	mm	40	40	40
Connections to the supply network		G 1/2	G 1/2	G 1/2
Net/Gross/Weight with water	kg	33/36/113	38/41/138	43/47/163
TECHNICAL CHARACTERISTICS				
Working pressure (bar)	MPa	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)	0,6 (6) / 0,9 (9)
Tank made of enameled steel		+	+	+
Protective magnesium anode		+	+	+
Electronic control unit		+	+	+
On/Off key		+	+	+
Temperature range adjustment up to 75°C		+	+	+
LED thermometer		+	+	+
Overheating protection		+	+	+
Dry fire protection		+	+	+
Setting temperature to "freeze prevention"		+	+	+
Self-learning function		+	+	+
Indication of heating element operation		+	+	+
Indication of thermostat failure		+	+	+
Indication of overheating		+	+	+
Smart operation indicator		+	+	+
Degree of protection		IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES				
Power consumption	W	2000	2000	2000
Voltage 230 V ~		+	+	+
Nominal current	A	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS				
Heat loss at 65°C [3]	kWh/24	1,4	1,46	1,7
Heating time from 10°C to 65°C		2h 37min	3h 16min	3h 55min
TRANSPORTATION DATA				
Packaging dimensions	mm	600x600x905	600x600x1050	600x600x1205

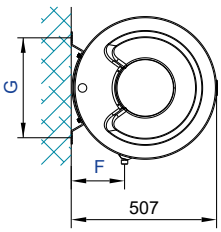
[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).
[4] Heating of sanitary water from 10°C to 45°C at a heating medium inlet temperature of 80°C and a flow rate of 1000 l/h.

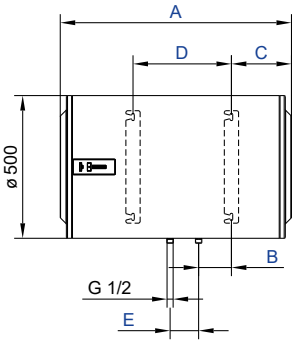
C

MODEL		Prime EL 80
Type		**TGRBL80E5**
Product code		700290
Load profile		M
Energy efficiency class		B
Water heating energy efficiency ηwh [1]	%	39
Annual electricity consumption [1]	kWh	1309
Daily electricity consumption [2]	kWh	7,028
Thermostat temperature settings		"eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual
* Value of smart		1
Weekly electricity consumption with Qelec smart control, week, smart	kWh	25,978
Weekly electricity consumption without Qelec smart control, week	kWh	30,445
Storage volume V	l	78,0
Mixed water at 40°C V40 [2]	l	105
PURPOSE		
One or more connection points		+
Horizontal wall mounting		+
CONNECTION DIMENSIONS		
Height	mm	811
Diameter	mm	500
Depth	mm	507
Average thickness of insulation	mm	40
Connections to the supply network		G 1/2
Net/Gross/Weight with water	kg	33/36/113
TECHNICAL CHARACTERISTICS		
Working pressure	Mpa(bar)	0,6 (6) / 0,9 (9)
Tank made of enameled steel		+
Protective magnesium anode		+
Electronic control unit		+
On/Off key		+
Temperature range adjustment up to 75°C		+
LED thermometer		+
Overheating protection		+
Dry fire protection		+
Setting temperature to "freeze prevention"		+
Self-learning function		+
Indication of heating element operation		+
Indication of thermostat failure		+
Indication of overheating		+
Smart operation indicator		+
Degree of protection		IP 24
ELECTRICAL PROPERTIES		
Power consumption	W	2000
Voltage 230 V ~		+
Nominal current	A	8,7
FUNCTIONAL CHARACTERISTICS		
Heat loss at 65°C [3]	kWh/24	1,4
Heating time from 10°C to 65°C		2h 37min
TRANSPORTATION DATA		
Packaging dimensions	mm	600x600x905

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).
[4] Heating of sanitary water from 10°C to 45°C at a heating medium inlet temperature of 80°C and a flow rate of 1000 l/h.

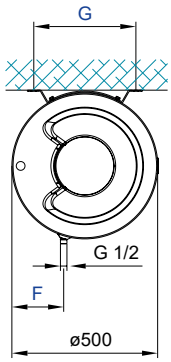
Prime EH

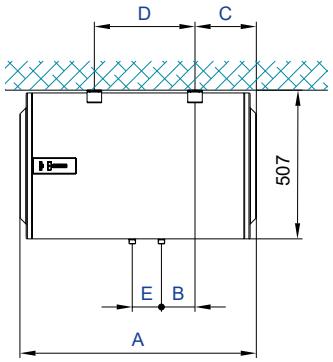




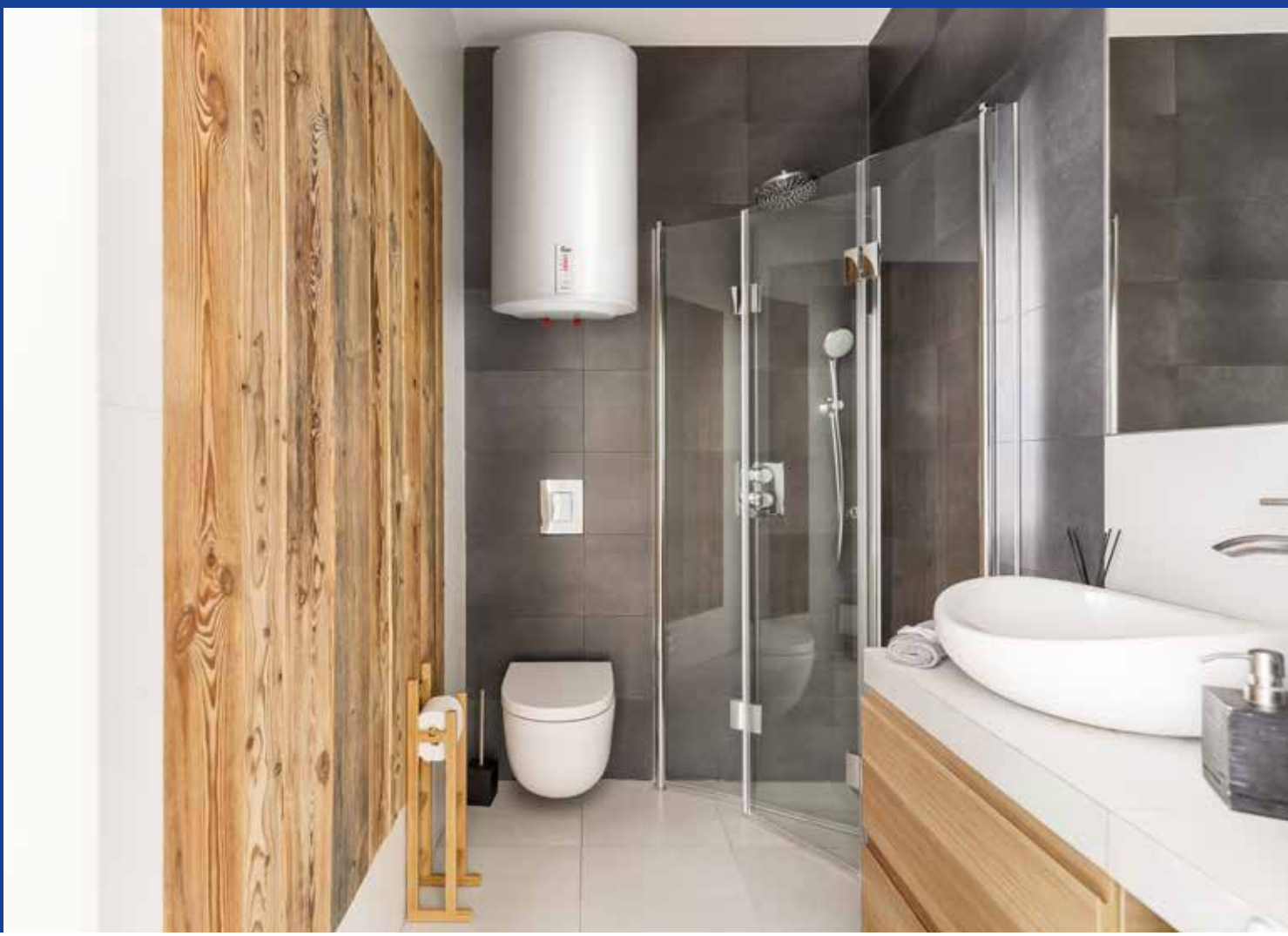
	Prime EH 80	Prime EH 100	Prime EH 120
A (mm)	811	955	1111
B (mm)	115	193	265
C (mm)	210	205	210
D (mm)	345	495	645
E (mm)	100	100	100
F (mm)	185	185	185
G (mm)	350	350	350

Prime EL





	Prime EL 80
A (mm)	811
B (mm)	115
C (mm)	210
D (mm)	345
E (mm)	100
F (mm)	178
G (mm)	350



Economic Line

Economic Line electric heaters are heaters with improved energy savings and safety of use. Depending on the planned installation room they enable both vertical and horizontal wall mounting.

MAIN CHARACTERISTICS:

- Capacity of 50–150 l
- Indirect air heaters for improved reliability and performance
- Electronic control unit
- ECON E models EcoSmart function, saving up to 25% energy
- ECON MCL/MCR models built-in heat exchanger for water heating with central heating

C

MODEL		Econ M 50	Econ M 80	Econ M 100	Econ M 120	Econ M 150
Type		**GB 50 E5**	**GB 80 E5**	**GB 100 E5**	**GB 120 E5**	**GB 150 E5**
Product code		736311	736312	736313	736314	736315
Load profile		M	M	L	L	XL
Energy efficiency class [1]		C	C	C	C	C
Water heating energy efficiency ηwh [1]	%	36	36	37	37	38
Annual electricity consumption [1]	kWh	1412	1421	2738	2755	4394
Daily electricity consumption [2]	kWh	6,607	6,649	12,710	12,810	20,295
Thermostat temperature settings		"eco"	"eco"	"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)				See the user manual		
Value of smart		0	0	0	0	0
Storage volume V	l	47,0	76,1	96,1	116,4	145,5
Mixed water at 40°C V40 [2]	l	66	116	137	172	220
PURPOSE						
One or more connection points		+	+	+	+	+
* Vertical wall mounting		+	+	+	+	+
Horizontal mounting on the floor		+	+	+	+	+
CONNECTION DIMENSIONS						
Height	mm	590	810	955	1110	1325
Diameter	mm	500	500	500	500	500
Depth	mm	507	507	507	507	507
Average thickness of insulation	mm	40	40	40	40	40
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	27/30/74	33/36/109	38/41/134	43/47/159	49/54/195
TECHNICAL CHARACTERISTICS						
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)
Tank made of enameled steel		+	+	+	+	+
Protective magnesium anode		+	+	+	+	+
Electronic control unit		+	+	+	+	+
On/Off key		+	+	+	+	+
Temperature range adjustment up to 75°C		+	+	+	+	+
LED thermometer		+	+	+	+	+
Overheating protection		+	+	+	+	+
Dry fire protection		+	+	+	+	+
Setting temperature to "freeze prevention"		+	+	+	+	+
Indication of heating element operation		+	+	+	+	+
Indication of thermostat failure		+	+	+	+	+
Indication of overheating		+	+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES						
Number of heating el. x power	W	2x1000	2x1000	2x1000	2x1000	2x1000
Power consumption	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS						
Heat loss at 65°C [3]	kWh/24	1	1,2	1,33	1,55	1,64
Heating time from 10°C to 65°C		1h 38min	2h 37min	3h 16min	3h 55min	4h 54min
TRANSPORTATION DATA						
Packaging dimensions	mm	600x600x682	600x600x905	600x600x1050	600x600x1205	600x600x1420

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).
* Information on energy efficiency and electricity consumption relate to enabled smart control settings only

C **Combined** electric water heater

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
Type		**GBK 80 E5**	**GBK 100 E5**	**GBK 120 E5**	**GBK 150 E5**
Product Code		736371 / 736372	736373 / 736374	736316 / 736317	736318 / 736319
Load profile		M	L	L	XL
Energy efficiency class [1]		C	C	C	C
Water heating energy efficiency ηwh [1]	%	36	37	37	38
Annual electricity consumption [1]	kWh	1421	2738	2750	4395
Daily electricity consumption [2]	kWh	6,649	12,710	12,860	20,295
Thermostat temperature settings		"eco"	"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual			
Value of smart		0	0	0	0
Storage volume V	l	72,6	92,5	112,9	141,5
Mixed water at 40°C V40 [2]	l	110	131	164	211
PURPOSE					
One or more connection points		+/+	+/+	+/+	+/+
Vertical wall mounting		+	+	+	+
CONNECTION DIMENSIONS					
Height	mm	810	955	1110	1325
Diameter	mm	500	500	500	500
Depth	mm	507	507	507	507
Average thickness of insulation	mm	40	40	40	40
Connections to the supply network		G 1/2	G 1/2	G 1/2	G 1/2
Left/right connection for heat exchanger		G 3/4	G 3/4	G 3/4	G 3/4
Net/gross/Weight with water	kg	51/54/131	56/59/156	62/66/182	72/76/222
TECHNICAL CHARACTERISTICS					
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)
Tank made of enameled steel		+	+	+	+
Protective magnesium anode		+	+	+	+
Electronic control unit		+	+	+	+
On/Off key		+	+	+	+
Temperature range adjustment up to 75°C		+	+	+	+
LED thermometer		+	+	+	+
Overheating protection		+	+	+	+
Dry fire protection		+	+	+	+
Setting temperature to "freeze prevention"		+	+	+	+
Indication of heating element operation		+	+	+	+
Indication of thermostat failure		+	+	+	+
Indication of overheating		+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24
HEAT EXCHANGER					
Surface area of the heat exchanger	m^2	0,7	0,9	0,9	0,9
Volume	l	3,4	4,2	4,2	4,2
Exchange power in continuous mode [4]	kW	18,75	27,07	27,07	27,07
Continuous flow rate of DHW at ΔT35°C [4]	l/h	470	679	679	679
Max. working pressure of heating medium	Mpa(bar)	0,6 (6)	0,6 (6)	0,6 (6)	0,6 (6)
Max. inlet temperature	°C	85	85	85	85
ELEKTRIČNE LASTNOSTI					
Number of heating elements x power	W	2x1000	2x1000	2x1000	2x1000
Power consumption	W	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS					
Heat loss at 65°C [3]	kWh/24	1,2	1,33	1,55	1,64
Heating time from 10 to 65°C with electric heater		2h 37min	3h 16min	3h 55min	4h 54min
Heating time from 10 to 45°C with heat exchanger [4]		11 min	09 min	11 min	14 min
TRANSPORTATION DATA					
Packaging dimensions	mm	600x600x905	600x600x1050	600x600x1205	600x600x1420

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 Standard).
[4] Heating of sanitary water from 10°C to 45°C at a heating medium inlet temperature of 80°C and a flow rate of 1000 l/h.

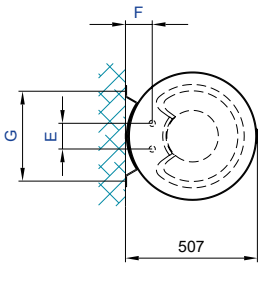
C

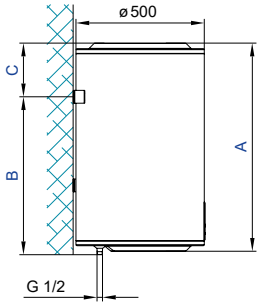
Universal electric water heaters – vertical and horizontal mounting possible

MODEL		Econ ESU 50	Econ ESU 80	Econ ESU 100	Econ ESU 120	Econ ESU 150
Type		GBFU 50 E5	GBFU 80 E5	GBFU 100 E5	GBFU 120 E5	GBFU 150 E5
Product code		736325	736326	736327	736328	736329
Load profile		M	M	L	L	XL
Energy efficiency class [1]		B	B	C	C	C
Water heating energy efficiency ηwh [1]	%	39	39	40	40	40
Annual electricity consumption [1]	kWh	1309	1313	2542	2593	4179
Daily electricity consumption [2]	kWh	6,985	7,251	13,568	13,931	21,67
Thermostat temperature settings		"eco"	"eco"	"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)		See the user manual				
* Value of smart		1	1	1	1	1
Weekly electricity consumption with smart control Qelec,week,smart	kWh	24,953	28,391	51,286	52,514	89,251
TWeekly electricity consumption without smart control Qelec,week	kWh	29,071	34,226	60,245	61,737	101,722
Storage volume V	l	47,0	76,1	96,1	116,4	145,5
Mixed water at 40°C V40 [2]	l	66	116	137	172	213
PURPOSE						
One or more connection points		+	+	+	+	+
* Vertical wall mounting		+	+	+	+	+
Horizontal wall mounting		+	+	+	+	+
CONNECTION DIMENSIONS						
Height	mm	600	820	965	1120	1335
Diameter	mm	454	454	454	454	454
Depth	mm	461	461	461	461	461
Average thickness of insulation	mm	23	23	23	23	23
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	24/27/71	30/32/106	34/36/130	41/43/157	50/52/196
TECHNICAL CHARACTERISTICS						
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)
Tank made of enameled steel		+	+	+	+	+
Protective magnesium anode		+	+	+	+	+
Electronic control unit		+	+	+	+	+
On/Off key		+	+	+	+	+
Temperature range adjustment up to 75°C		+	+	+	+	+
LED thermometer		+	+	+	+	+
Overheating protection		+	+	+	+	+
Dry fire protection		+	+	+	+	+
Setting temperature to "freeze prevention"		+	+	+	+	+
Self-learning function		+	+	+	+	+
Indication of heating element operation		+	+	+	+	+
Indication of thermostat failure		+	+	+	+	+
Indication of overheating		+	+	+	+	+
Smart operation indicator		+	+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES						
Number of heating el. x power	W	2x1000	2x1000	2x1000	2x1000	2x1000
Power consumption	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS						
Heat loss at 65°C [3]	kWh/24	1,32	1,85	2,2	2,6	3,2
Heating time from 10°C to 65°C		1h 38min	2h 37min	3h 16min	3h 55min	4h 54min
TRANSPORTATION DATA						
Packaging dimensions	mm	480x490x615	480x490x835	480x490x980	480x490x1135	480x490x1350

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 standard).
* Information on energy efficiency and electricity consumption relate to enabled smart control settings only.

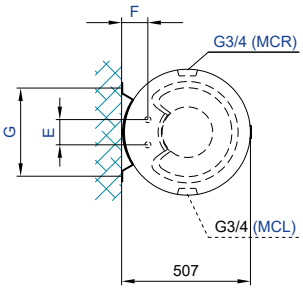
Econ M

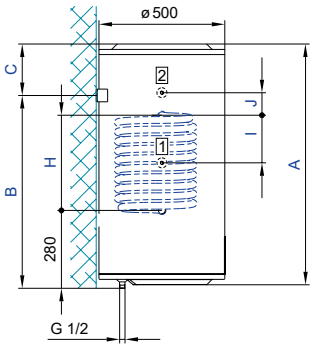




	Econ M 50	Econ M 80	Econ M 100	Econ M 120	Econ M 150
A (mm)	590	810	955	1110	1325
B (mm)	415	615	765	915	1115
C (mm)	190	210	205	210	225
E (mm)	100	100	100	100	100
F (mm)	100	100	100	100	100
G (mm)	350	350	350	350	350

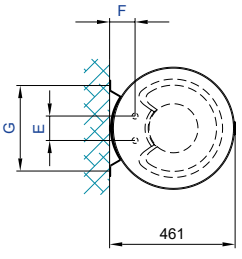
Econ MCR/MCL

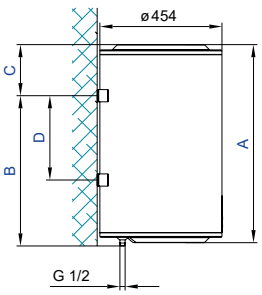


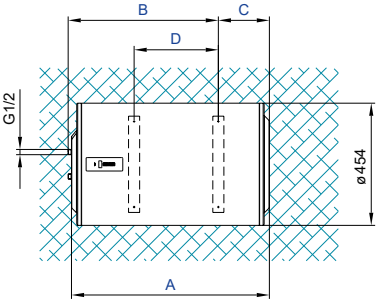


	Econ MCR/MCL 80	Econ MCR/MCL 100	Econ MCR/MCL 120	Econ MCR/MCL 150
A (mm)	810	955	1110	1325
B (mm)	615	765	915	1115
C (mm)	210	205	210	225
E (mm)	100	100	100	100
F (mm)	100	100	100	100
G (mm)	350	350	350	350
H (mm)	340	416	416	416
I (mm)	170	-	-	-
J (mm)	-	80	100	100

Econ ESU







	Econ ESU 50	Econ ESU 80	Econ ESU 100	Econ ESU 120	Econ ESU 150
A (mm)	600	820	965	1120	1335
B (mm)	415	615	765	915	1115
C (mm)	190	210	205	210	225
D (mm)	145	345	495	645	845
E (mm)	100	100	100	100	100
F (mm)	100	100	100	100	100
G (mm)	350	350	350	350	350

Superb Line

Heaters of square shape combine maximum energy efficiency, safety and reliable operation. Their compact design allows for an optimal ratio between vertical or horizontal mounting and performance.

MAIN CHARACTERISTICS:

- Vertical/horizontal mounting in universal models
- Capacity of 30–120 l
- F (flat) models two independent, hydraulically separated tanks for an optimal balance between used space and performance
- Electronic control
- Econ E Models EcoSmart function, saving up to 25% energy
- Anti-legionella program
- Protection against overheating and against freezing

B **Flat** electric water heaters

MODEL		Supr F 30	Supr F 50	Supr F 80	Supr F 100
Line		**FTG 30 E5**	**FTG 50 E5**	**FTG 80 E5**	**FTG 100 E5**
Product code		736278	736279	736280	100038
Load profile		S	M	M	L
Energy efficiency class [1]		B	B	B	C
Water heating energy efficiency ηwh [1]	%	36	40	40	40
Annual electricity consumption [1]	kWh	509	1270	1299	2572
Daily electricity consumption [2]	kWh	3,110	7,366	7,451	13,420
Thermostat temperature settings		"eco"	"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)			See the user manual		
* Value of smart		1	1	1	1
Weekly electricity consumption with smart control Qelec,week,smart	kWh	13,390	24,728	25,385	50,140
Weekly electricity consumption without smart control Qelec,week	kWh	17,490	31,584	32,386	57,385
Storage volume V	l	28,3	48,7	77,9	98,1
Mixed water at 40°C V40 [2]	l	-	73	123	149
PURPOSE					
One or more connection points		+	+	+	+
* Vertical wall mounting		+	+	+	+
Horizontal wall mounting		-	+	+	+
CONNECTION DIMENSIONS					
Height	mm	635	920	1350	1635
Width	mm	490	490	490	490
Depth	mm	297	297	297	297
Average thickness of insulation	mm	32	32	32	32
Connections to the supply network		G 1/2	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	58/61,50/156,1
TECHNICAL CHARACTERISTICS					
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)
Tank made of enameled steel		+	+	+	+
Protective magnesium anode		+	+	+	+
Electronic control unit		+	+	+	+
On/Off key		+	+	+	+
Temperature range adjustment up to 75°C		+	+	+	+
LED thermometer		+	+	+	+
Overheating protection		+	+	+	+
Dry fire protection		+	+	+	+
Setting temperature to "freeze prevention"		+	+	+	+
Self-learning function		+	+	+	+
Indication of heating element operation		+	+	+	+
Indication of thermostat failure		+	+	+	+
Indication of overheating		+	+	+	+
Smart operation indicator		+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES					
Power consumption	W	2000 W (1000+1000)	2000 W (1000+1000)	2600 W (1600+1000)	2600 W (1600+1000)
Voltage 230 V ~		+	+	+	+
Nominal current	A	8,7	8,7	11,3	11,3
FUNCTIONAL CHARACTERISTICS					
Heat loss at 65°C [3]	kWh/24	1,12	1,41	1,91	2,3
Heating time from 10°C to 65°C		0h 59min	1h 38min	2h 01min	2h 31min
TRANSPORTATION DATA					
Packaging dimensions	mm	350x560x715	350x560x1000	350x560x1440	350x560x1715

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 standard).
* Information on energy efficiency and electricity consumption relate to enabled smart control settings only.

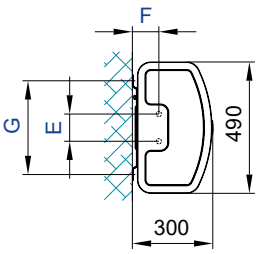
B

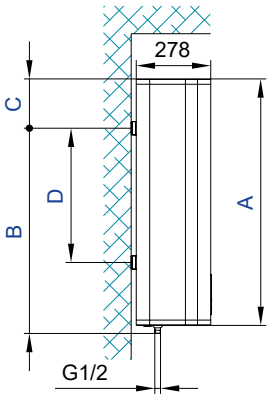
Square electric water heaters

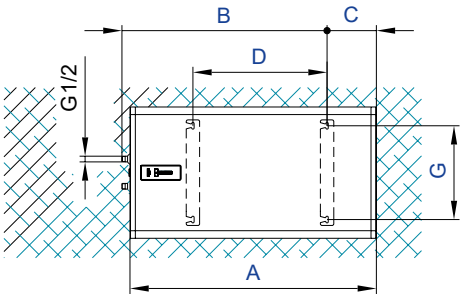
MODEL		Supr ES 30	Supr ES 50	Supr ES 80	Supr ES 100	Supr ES 120
Type		**OTGS 30 E5**	**OTGS 50 E5**	**OTGS 80 E5**	**OTGS 100 E5**	**OTGS 120 E5**
Product code		736320	736321	736322	736323	736324
Load profile		S	M	M	L	L
Energy efficiency class [1]		B	B	B	C	C
Water heating energy efficiency ηwh [1]	%	37	40	40	40	40
Annual electricity consumption [1]	kWh	496	1282	1296	2480	2554
Daily electricity consumption [2]	kWh	2,864	6,870	6,956	13,003	13,214
Thermostat temperature settings		"eco"	"eco"	"eco"	"eco"	"eco"
Possible safety measures (assembly, installation, maintenance)			See the user manual			
* Value of smart		1	1	1	1	1
Weekly electricity consumption with smart control	kWh	13,055	24,198	25,564	49,740	51,611
Weekly electricity consumption without smart control	kWh	16,215	28,501	30,049	57,832	58,689
Storage volume V	l	29,1	49,1	78,8	98,1	118,9
Mixed water at 40°C V40 [2]	l		68	121	142	177
PURPOSE						
One or more connection points		+	+	+	+	+
Vertical wall mounting		+	+	+	+	+
CONNECTION DIMENSIONS						
Height	mm	510	690	950	1125	1300
Width	mm	420	420	420	420	420
Depth	mm	445	445	445	445	445
Average thickness of insulation	mm	20 - 60	20 - 60	20 - 60	20 - 60	20 - 60
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
TECHNICAL CHARACTERISTICS						
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)
Tank made of enameled steel		+	+	+	+	+
Protective magnesium anode		+	+	+	+	+
Electronic control unit		+	+	+	+	+
On/Off key		+	+	+	+	+
Temperature range adjustment up to 75°C		+	+	+	+	+
LED thermometer		+	+	+	+	+
Overheating protection		+	+	+	+	+
Dry fire protection		+	+	+	+	+
Setting temperature to "freeze prevention"		+	+	+	+	+
Self-learning function		+	+	+	+	+
Indication of heating element operation		+	+	+	+	+
Indication of thermostat failure		+	+	+	+	+
Indication of overheating		+	+	+	+	+
Smart operation indicator		+	+	+	+	+
Degree of protection		IP 24	IP 24	IP 24	IP 24	IP 24
ELECTRICAL PROPERTIES						
Power consumption	W	2000	2000	2000	2000	2000
Voltage 230 V ~		+	+	+	+	+
Nominal current	A	8,7	8,7	8,7	8,7	8,7
FUNCTIONAL CHARACTERISTICS						
Heat loss at 65°C [3]	kWh/24	0,69	0,94	1,3	1,54	1,79
Heating time from 10°C to 65°C		0h 59min	1h 38min	2h 37min	3h 16min	3h 55min
TRANSPORTATION DATA						
Packaging dimensions	mm	490x500x630	490x500x810	490x500x1070	490x500x1245	490x500x1420

[1] Commission Regulation EU 812/2013; EN 50440 [2] EN 50440 [3] Measured at an ambient temperature of 20°C and a water temperature of 65°C in the heater (SIST EN 60379:2005 standard).
* Information on water heating energy efficiency and annual electricity consumption relate to enabled smart control settings only.

Supr F

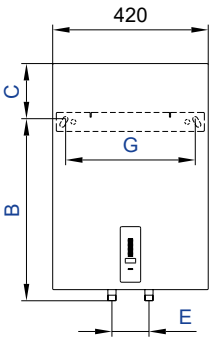


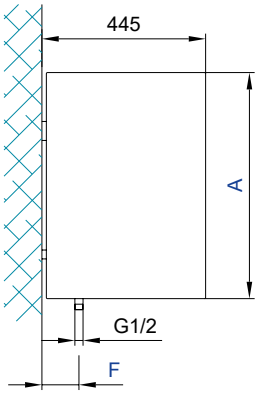




	Supr F 30	Supr F 50	Supr F 80	Supr F 100
A (mm)	635	920	1350	
B (mm)	515	765	1195	
C (mm)	150	185	185	
D (mm)	250	500	930	
E (mm)	100	100	100	100
F (mm)	100	100	100	100
G (mm)	350	350	350	350

Supr ES





	Supr ES 30	Supr ES 50	Supr ES 80	Supr ES 100	Supr ES 120
A (mm)	510	690	950	1125	1300
B (mm)	310	470	735	900	900
C (mm)	235	250	245	255	430
E (mm)	100	100	100	100	100
F (mm)	100	100	100	100	100
G (mm)	350	350	350	350	350

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