

PRODUCT CATALOGUE

DHW TANKS & BUFFER TANKS FROM STAINLESS STEEL

ABOUT US

VASTI BRAND

The VASTI brand, together with the VENMA brand, belongs to the Mączka Group company. The company's history dates back to 2014, when the production of Venma pellet burners began. Today, the Venma brand is more than 20 different models of equipment, which we supply to dozens of boiler manufacturers in Poland and abroad.

VASTI, on the other hand, is a brand under which we primarily market air-to-water heat pumps (split and monoblock), as well as DHW exchangers and stainless steel buffers. We offer both "ordinary" DHW exchangers and exchangers dedicated to heat pumps, as well as a combined tank, i.e. a combination of a DHW exchanger and buffer. The available capacities of exchangers and buffers are, depending on the type of product, from 60 I (hanging buffer) to even 1000 I - DHW exchanger with one and two coils.

Our goal is customer satisfaction, so we continue to invest, not only expanding the plant, but also employing high-class specialists.

What distinguishes our DHW exchangers?

- 8-year warranty on tank shells up to 300 l,
- 5-year warranty on 500 I DHW tanks and more,
- 12 months warranty on accessories,
- Manufactured in Poland,
- Made of high quality stainless steel,
- Standardized side connection ferrules allow for quick installation of the exchanger,
- External insulation with low heat transfer coefficient ensures low losses and higher efficiency of the exchanger,
- DHW exchangers are certified by the National Institute of Hygiene,
- Aesthetic casing,
- Built-in thermometer,
- Equipped with coils with large surface area, which speeds up the heating of water.

Did you know...

Vasti DHW heat exchangers with two coils have a modern solution - coils with different coil diameters are placed at the same height, so to speak, one inside the other, so we heat the entire volume of the exchanger from both sources.

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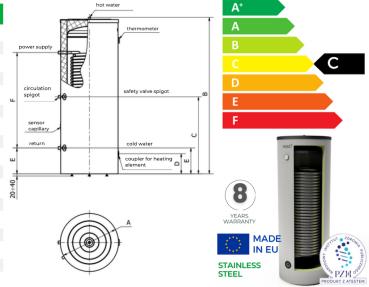


DHW TANKS FOR HEAT PUMPS

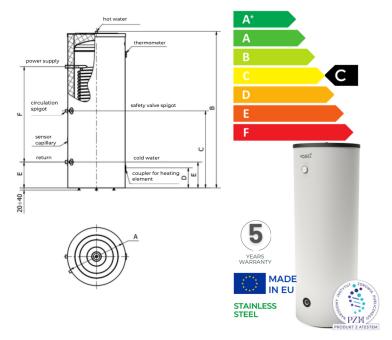
WITH ONE COIL

- Made of stainless steel (no anode required).
- Coil with increased heat transfer surface area allows for maximum thermal efficiency.
- Standardised connections.
- Certified by the National Institute of Hygiene.

PRODUCT CODE	VS-P-WPC- 200-1W-C	VS-P-WPC- 250-1W-C	VS-P-WPC- 300-1W-C
Nominal volume (I)	200	250	300
Diameter A (mm)	653	653	653
Height B (mm)	1260	1510	1760
C (mm)	642	742	867
D (mm)	225	225	225
E (mm)	290	290	290
F (mm)	690	830	1075
Energy class	С	С	С
Coil surface (m2)	2,1	2,5	3,3
Safety valve spigot	Gz ¾"	Gz ¾"	Gz 3/4"
Coupler for heating element	Gw 11/4"	Gw 1¾"	Gw 11/4"
Cold water connection	Gz ¾"	Gz ¾"	Gz ¾"
Coil connections	Gz 1"	Gz 1"	Gz 1"
Circulation spigot	Gz ¾"	Gz ¾"	Gz ¾"
Hot water connection	Gz 3/4"	Gz ¾"	Gz 3/4"
Storage capacity (I)	179	225	268
Weight (kg)	61	71	84



PRODUCT CODE	VS-P-WPC- 500-1W-C	VS-P-WPC- 1000-1W-C
Nominal volume (I)	500	1000
Diameter A (mm)	750	940
Height B (mm)	1918	2208
C (mm)	938	987
D (mm)	230	273
E (mm)	295	342
F (mm)	1277	1540
Energy class	С	С
Coil surface (m2)	5	12
Safety valve spigot	Gz 3/4"	Gz 3/4"
Coupler for heating element	Gw 1½"	Gw 11/2"
Cold water connection	Gz 11/4"	Gz 11/4"
Coil connections	Gz 11⁄4"	Gz 11/4"
Circulation spigot	Gz ¾"	Gz 11/4"
Hot water connection	Gz 11/4"	Gz 11/4"
Storage capacity (I)	434	852
Weight (kg)	128	290





DHW TANKS FOR HEAT PUMPS

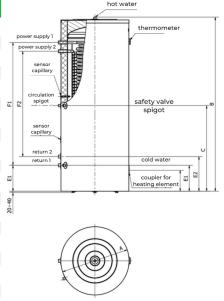
WITH TWO COILS

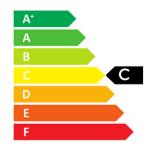
- Made of stainless steel (no anode required).
- The two coils allow them to be combined with an additional heat source, increasing the efficiency of the heating system. They can also be combined with each other for maximum efficiency for the heat pump.
- Standardised connections.
- Certified by the National Institute of Hygiene.

PRODUCT CODE	VS-P-WPC- 200-2W-C	VS-P-WPC- 250-2W-C	VS-P-WPC- 300-2W-C
Nominal volume (I)	200	250	300
Diameter A (mm)	653	653	653
Height B (mm)	1260	1510	1760
C (mm)	642	702	692
D (mm)	225	225	225
E1 (mm)	265	265	265
E 2 [mm]	389	383	387
F1 (mm)	689	954	1242
F2 [mm]	438	438	438
Energy class	С	С	С
Coil surface 1 (m2)	1,9	2,4	3,1
Coil surface 2 (m2)	1,3	1,3	1,3
Safety valve spigot	Gz 3/4"	Gz 3/4"	Gz ¾"
Coupler for heating element	Gw 1¾"	Gw 11/4"	Gw 11/4"
Cold water connection	Gz 3/4"	Gz 3/4"	Gz ¾"
Coil connections 1	Gz 1"	Gz 1"	Gz 1"
Coil connections 2	Gz 3/4"	Gz ¾"	Gz ¾"
Circulation spigot	Gz ¾"	Gz ³ /4"	Gz ¾"
Hot water connection	Gz 3/4"	Gz ³ /4"	Gz ¾"
Storage capacity (I)	173	217	261
Weight (kg)	70	82	95



PRODUCT CODE	VS-P-WPC- 500-2W-C	VS-P-WPC- 1000-2W-C
Nominal volume (I)	500	1000
Diameter A (mm)	750	940
Height B (mm)	1918	2208
C (mm)	938	987
D (mm)	230	273
E1 (mm)	285	331
E 2 [mm]	380	431
F1 (mm)	1346	1546
F2 [mm]	1154	1340
Energy class	С	С
Coil surface 1 (m2)	3,5	5,5
Coil surface 2 (m2)	4,7	5,8
Safety valve spigot	Gz 3/4"	Gz ³ /4"
Coupler for heating element	Gw 1½"	Gw 1½"
Cold water connection	Gz 11/4"	Gz 11/4"
Coil connections 1	Gz 1¼"	Gz 11/4"
Coil connections 2	Gz 1¼"	Gz 11/4"
Circulation spigot	Gz 3/4"	Gz 11/4"
Hot water connection	Gz 11/4"	Gz 11/4"
Storage capacity (I)	412	857
Weight (kg)	159	277







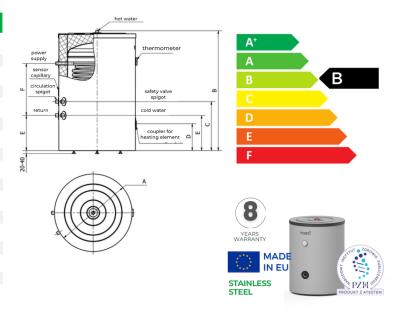
DHW TANKS

WITH ONE COIL

CAPACITY (L): 100 120 150

- Made from stainless steel, so no anode is required.
- Each exchanger is equipped with an inox coil with a large surface area for faster water heating.
- Standardised side connection spigots allow for quick and easy installation of the exchanger.
- External insulation with a low heat transfer coefficient ensures low losses and higher efficiency of the exchanger.
- The tanks are certified by the National Institute of Hygiene.
- Single-coil DHW heat exchangers are available in various capacities and energy classes (B or C).

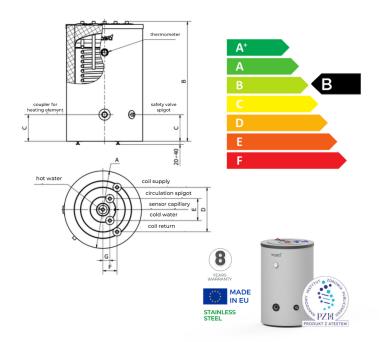
PRODUCT CODE	VS-P-WYM- 100-1W-B	VS-P-WYM- 120-1W-B	VS-P-WYM- 150-1W-B
Nominal volume (I)	100	120	150
Diameter A (mm)	653	653	653
Height B (mm)	760	860	1010
C (mm)	349	344	413
D (mm)	225	225	225
E (mm)	264	259	297
F (mm)	248	347	438
Energy class	В	В	В
Coil surface (m2)	0,7	1,0	1,2
Safety valve spigot	Gz ¾"	Gz ¾"	Gz ¾"
Coupler for heating element	Gw 11/4"	Gw 11/4"	Gw 11/4"
Cold water connection	Gz 3/4"	Gz ¾"	Gz ¾"
Coil connections	Gz 3/4"	Gz 3/4"	Gz ¾"
Circulation spigot	Gz ³ /4"	Gz ¾"	Gz ¾"
Hot water connection	Gz ³ /4"	Gz ¾"	Gz ¾"
Storage capacity (I)	93	110	138
Weight (kg)	34	40	45



Did you know...

Vasti single-coil DHW tanks with capacities of 100, 120 and 150 I, in energy class B, can also be ordered in a version with connections at the top of the tank, so that they can be used wherever the use of a traditional exchanger with side connections is not possible.

PRODUCT CODE	VS-P-WKG- 100-1W-B	VS-P-WKG- 120-1W-B	VS-P-WKG- 150-1W-B
Nominal volume (I)	100	120	150
Diameter A (mm)	653	653	653
Height B (mm)	760	860	1010
C (mm)	225	225	225
D (mm)	375	375	375
E (mm)	185	185	185
F (mm)	120	120	120
G [mm]	60	60	60
Energy class	В	В	В
Coil surface (m2)	0,7	1,0	1,2
Safety valve spigot	Gz 3/4"	Gz ¾"	Gz ¾"
Coupler for heating elemen	t Gw 1¼"	Gw 11/4"	Gw 11/4"
Cold water connection	Gz ¾"	Gz ¾"	Gz ¾4"
Coil connections	Gz ¾"	Gz ¾"	Gz ¾"
Circulation spigot	Gz ¾"	Gz 3/4"	Gz ¾4"
Hot water connection	Gz ¾"	Gz ¾"	Gz ¾"
Storage capacity (I)	93	110	138
Weight (kg)	36	41	47



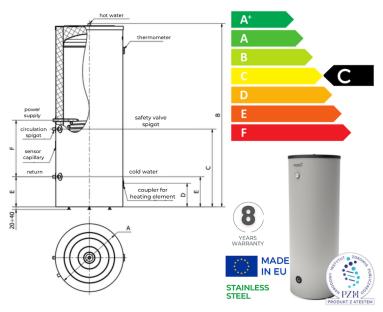


DHW TANKS

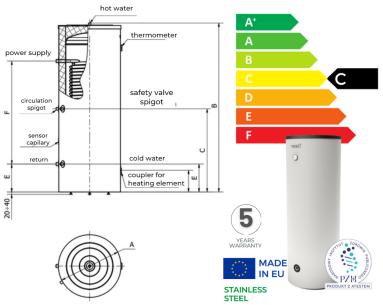
WITH ONE COIL

- Made from stainless steel, so no anode is required.
- Each exchanger is equipped with an inox coil with a large surface area for faster water heating.
- $\bullet \ \ \text{Standardised side connection spigots allow for quick and easy installation of the exchanger}.$
- External insulation with a low heat transfer coefficient ensures low losses and higher efficiency of the exchanger.
- The tanks are certified by the National Institute of Hygiene.
- Single-coil DHW heat exchangers are available in various capacities and energy classes (B or C).

PRODUCT CODE	VS-P-WYM- 200-1W-C	VS-P-WYM- 250-1W-C	VS-P-WYM- 300-1W-C
Nominal volume (I)	200	250	300
Diameter A (mm)	653	653	653
Height B (mm)	1260	1510	1760
C (mm)	642	712	747
D (mm)	225	225	225
E (mm)	290	290	290
F (mm)	473	508	543
Energy class	С	С	С
Coil surface (m2)	1,3	1,4	1,5
Safety valve spigot	Gz 3/4"	Gz ¾"	Gz 3/4"
Coupler for heating element	Gw 1¾"	Gw 1¾"	Gw 11/4"
Cold water connection	Gz 3/4"	Gz ¾"	Gz 3/4"
Coil connections	Gz 3/4"	Gz 3/4"	Gz ¾"
Circulation spigot	Gz ¾"	Gz 3/4"	Gz 3/4"
Hot water connection	Gz 3/4"	Gz ¾"	Gz ¾"
Storage capacity (I)	186	234	281
Weight (kg)	53	60	68



PRODUCT CODE	VS-P-WYM- 500-1W-C	VS-P-WYM- 1000-1W-C
Nominal volume (I)	500	1000
Diameter A (mm)	750	940
Height B (mm)	1918	2208
C (mm)	938	987
D (mm)	230	273
E (mm)	294	342
F (mm)	829	1074
Energy class	С	С
Coil surface (m2)	2,5	3,3
Safety valve spigot	Gz 3/4"	Gz 3/4"
Coupler for heating element	Gw 1½"	Gw 1½"
Cold water connection	Gz 11/4"	Gz 11/4"
Coil connections	Gz 1"	Gz 1"
Circulation spigot	Gz 11/4"	Gz 11/4"
Hot water connection	Gz 11/4"	Gz 1½"
Storage capacity (I)	452	913
Weight (kg)	112	201

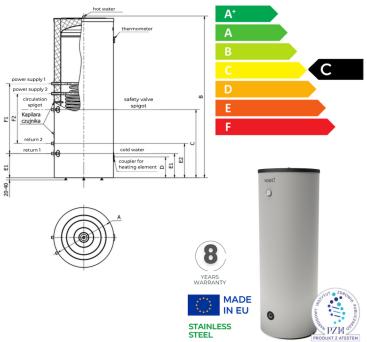


DHW TANKS

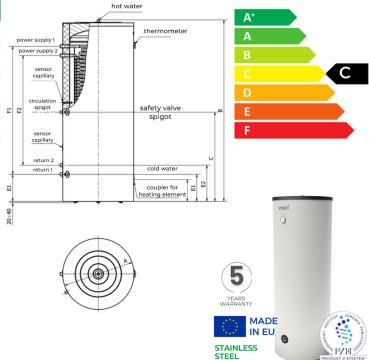
WITH TWO COILS

- Made of stainless steel, which prolongs their life and makes them resistant to corrosion.
- Two coils allow two heat sources to be connected in parallel. This also means a significantly larger heating surface, and therefore greater comfort in the use of hot water and lower heating costs at the same time.
- Standardised side connection spigots allow for quick and easy installation of the exchanger.
- External insulation with a low heat transfer coefficient ensures low losses and higher efficiency of the exchanger.
- Tanks are certified by the National Institute of Hygiene.

PRODUCT CODE	VS-P-WYM- 200-2W-C	VS-P-WYM- 250-2W-C	VS-P-WYM- 300-2W-C
Nominal volume (I)	200	250	300
Diameter A (mm)	653	653	653
Height B (mm)	1260	1510	1760
C (mm)	642	692	742
D (mm)	225	225	225
E1 (mm)	264	264	264
E 2 [mm]	389	376	373
F1 (mm)	689	732	761
F2 (mm)	438	508	543
Energy class	С	С	С
Coil surface 1 (m2)	1,1	1,1	1,1
Coil surface 2 (m2)	1,3	1,4	1,5
Safety valve spigot	Gz ¾"	Gz 3/4"	Gz ¾"
Coupler for heating element	Gw 11/4"	Gw 11/4"	Gw 11/4"
Cold water connection	Gz 3/4"	Gz 3/4"	Gz ¾"
Coil connections	Gz 3/4"	Gz 3/4"	Gz ¾"
Circulation spigot	Gz 3/4"	Gz 3/4"	Gz ¾"
Hot water connection	Gz ¾"	Gz ¾"	Gz ¾"
Storage capacity (I)	179	227	275
Weight (kg)	62	70	78



PRODUCT CODE	VS-P-WYM- 500-2W-C	VS-P-WYM- 1000-2W-C
Nominal volume (I)	500	1000
Diameter A (mm)	750	940
Height B (mm)	1918	2208
C (mm)	837	812
D (mm)	230	273
E 1 (mm)	284	331
E 2 [mm]	404	446
F1 (mm)	946	1074
F2 (mm)	553	544
Energy class	С	С
Coil surface 1 (m2)	2,5	3,3
Coil surface 2 (m2)	1,1	1,1
Safety valve spigot	Gz ³ /4"	Gz ¾"
Coupler for heating element	Gw 1½"	Gw 1½"
Cold water connection	Gz 11/4"	Gz 1¾"
Coil connections	Gz 1"	Gz 1"
Circulation spigot	Gz 11/4"	Gz 11/4"
Hot water connection	Gz 11/4"	Gz 1¾"
Storage capacity (I)	444	905
Weight (kg)	124	213





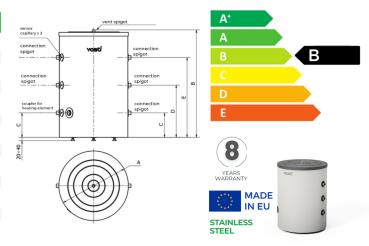
BUFFER TANKS

STANDING

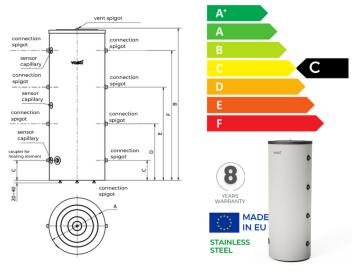
CAPACITY (L): 120 150 200 250 300 500 1000

- Made of stainless steel.
- They allow storage (buffering) of heating water, providing the right conditions for heat pump operation.
- They can act as a hydraulic coupling in a heat pump installation.

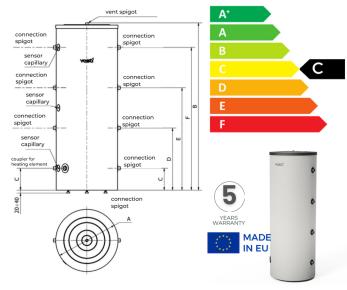
PRODUCT CODE	VS-P-BUF- 120-00-B	VS-P-BUF- 150-00-B
Nominal volume (I)	120	150
Diameter A (mm)	653	653
Height B (mm)	860	1010
C (mm)	225	225
D (mm)	415	490
E (mm)	600	750
Energy class	В	В
Coupler for heating element	Gw 11/4"	Gw 11/4"
Connection spigot	Gz 1"	Gz 1"
Vent spigot	Gz 3/4"	Gz 3/4"
Storage capacity (I)	117	146
Weight (kg)	31	35



PRODUCT CODE	VS-P-BUF- 200-00-C	VS-P-BUF- 250-00-C	VS-P-BUF- 300-00-C
Nominal volume (I)	200	250	300
Diameter A (mm)	653	653	653
Height B (mm)	1260	1510	1760
C (mm)	225	225	225
D (mm)	487	570	653
E (mm)	743	910	1077
F (mm)	1000	1250	1500
Energy class	С	С	С
Coupler for heating element	Gw 11/4"	Gw 11/4"	Gw 1¾"
Connection spigot	Gz 1"	Gz 1"	Gz 1"
Vent spigot	Gz ³ / ₄ "	Gz 3/4"	Gz ¾"
Storage capacity (I)	194	243	292
Weight (kg)	42	49	55



PRODUCT CODE	VS-P-BUF- 500-00-C	VS-P-BUF- 1000-00-C
Nominal volume (I)	500	1000
Diameter A (mm)	750	940
Height B (mm)	1918	2209
C (mm)	235	285
D (mm)	704	825
E (mm)	1172	1365
F (mm)	1641	1905
Energy class	С	С
Coupler for heating element	Gw 11/4"	Gw 1½"
Connection spigot	Gz 1"	Gz 11/4"
Vent spigot	Gz ¾"	Gz 3/4"
Storage capacity (I)	469	936
Weight (kg)	70	132



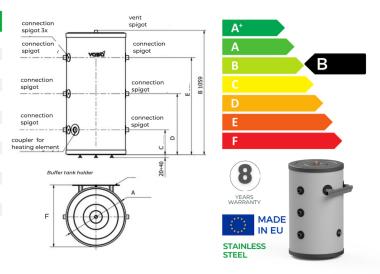
BUFFER TANKS

HANGING-STANDING

CAPACITY (L): 60 80 150

- Made of stainless steel.
- They enable the storage (buffering) of heating water ensuring the right conditions for heat pump operation.
- They can act as a hydraulic coupling in a heat pump installation,
- A bracket for hanging the buffer is included.

PRODUCT CODE V	S-P-BUF-WS- 60-00-B	VS-P-BUF-WS 80-00-B	VS-P-BUF-WS- 150-00-B
Nominal volume (I)	60	80	150
Diameter A (mm)	509	509	653
Height B (mm)	854	1059	1010
C (mm)	212	212	225
D (mm)	417	519,5	490
E (mm)	622	827	750
F (mm)	527	527	527
Energy class	В	В	В
Coupler for heating elemen	t Gw 11/4"	Gw 11/4"	Gw 11/4"
Connection spigot	Gz 1"	Gz 1"	Gz 1"
Vent spigot	Gz 3/4"	Gz ³ /4"	Gz 3/4"
Storage capacity (I)	58	78	146
Weight (kg)	23	27	35



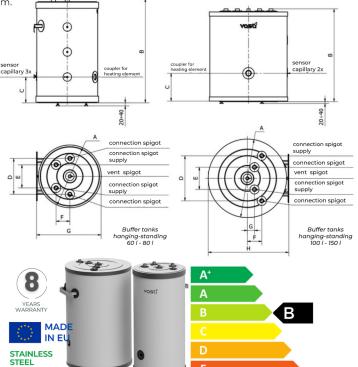
BUFFER TANKS

HANGING-STANDING WITH CONNECTIONS FROM ABOVE

CAPACITY (L): 60 80 100 150

- Made of stainless steel.
- They allow storage (buffering) of heating water, providing the right conditions for heat pump operation.
- They can act as a hydraulic coupling in an installation with a heat pump.
- The set includes a bracket for hanging the buffer.
- Thanks to the top stubs, they can be installed in a small boiler room.

PRODUCT CODE	VS-P-BUF-WS- KG-60-00-B	VS-P-BUF-WS- KG-80-00-B	VS-P-BUF-WS- KG-100-00-B	VS-P-BUF-WS- KG-150-00-B
Nominal volume (I)	60	80	100	150
Diameter A (mm)	515	515	653	653
Height B (mm)	855	1060	770	1020
C (mm)	212	190	235	235
D (mm)	295	295	375	375
E (mm)	190	190	185	185
F (mm)	113	113	120	120
G [mm]	530	530	60	60
H [mm]	-	-	672	672
Energy class	В	В	В	В
Coupler for heating el.	Gw 11/4"	Gw 11/4"	Gw 11/4"	Gw 11/4"
Connection spigot	Gz 1"	Gz 1"	Gz 1"	Gz 1"
Vent spigot	Gz 3/4"	Gz 3/4"	Gz 3/4"	Gz ¾"
Storage capacity (I)	58	78	94	146
Weight (kg)	20,5	25	31	38

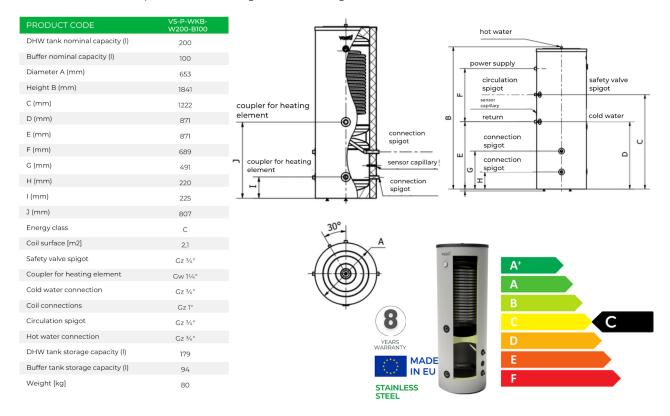




COMBINED STORAGE TANK

DHW TANK + BUFFER

- Combination of a 200 | DHW tank and a 100 | buffer tank.
- In the upper part of the tank, there is an exchanger with a spiral coil with a large surface area (2.1 m2) allowing rapid preparation of domestic hot water.
- The buffer in the lower part of the tank is designed for the heating circuit.



TANK STABILIZER TEMPERATURE

- The hot water temperature stabilizer is a device used to store excess hot water (including domestic hot water). It is installed in systems based on hot water exchangers and allows maintaining the temperature within ±1°C in relation to the set temperature on the thermostat.
- Hot water stabilizer tanks are custom-made upon individual orders. There is an option to change
 the sizes of connection stubs, their threads, and the flange connections.
- In the jacket, at the bottom, there are two circulation connections with an internal thread of 11/4".
- At the top of the jacket, there are two connections allowing connection to the heating temperature controller G1.
- In the upper bottom, there are connection stubs terminated with flanges DN80 PN10-16, and an air vent stub with a G2 thread. Additionally, a thermometer stub G1 is also placed there.

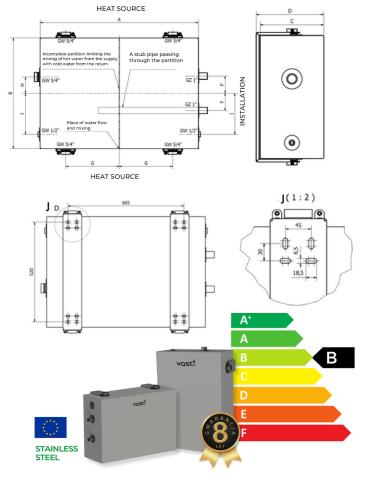


BUFFER TANK WSP

RECTANGULAR

- stainless steel;
- energy class B;
- capacity 60 liters;
- compact design;
- possibility of vertical and horizontal installation;

PRODUCT CODE	VS-P-BUF-WP- 60-00-B
Nominal capacity (I)	60
A (mm)	828
B (mm)	578
C (mm)	298
D (mm)	317
E (mm)	626
F (mm)	90
G (mm)	280
H (mm)	85
I (mm)	215
Energy class	В
Storage capacity (I)	60
Weight [kg]	38



ELECTRIC HEATERS

FOR STAINLESS STEEL TANKS

- Heaters with a thermostat and an insulated heating element.
- They can only be installed in a system where they are positioned below the water level.
- Also suitable for stainless steel exchangers.

Product	Power	Electric voltage	Thread	L	
Heater INOX (1)	1,5 kW	230 v	11/4"	305 mm	1. Housing. 2. Head.
Heater INOX (2)	2,0 kW	230 v	11/4"	305 mm	3. Mounting gasket
Heater INOX (2)	3,0 kW	230 v	11/4"	360 mm	4. Insulating gasket. 5. Heating element
	(1)			(2)	6. Cable with plug. 7. Signal diode. 8. Control knob.

THROUGH FLOW HEATERS



The VASTI instantaneous water heater is characterized by a simple and reliable design, easy installation and high comfort of use, it was created to act as an additional heat source in a central heating installation.

Product	Power	Napięcie	Connection spigot	Coupler for heating el.	Thread
Through flow heater	1,5 kW	230 V	Gw 1"	Gw 1½"	Gz 1½"
Through flow heater	2,0 kW	230 V	Gw 1"	Gw 11/4"	Gz 11/4"
Through flow heater	3,0 kW	230 V	Gw 1"	Gw 11/4"	Gz 11/4"



CONTACT

Europe

Krzysztof Szymaszek

e-mail: k.szymaszek@maczkagroup.pl

Tel.: +48 662 933 989

Vasti

Pustków 385 B 39-205 Pustków, POLAND Office

vasti@vasti.pl tel.: +48 14 658 42 00 Service

serwis@vasti.pl tel.: +48 14 658 42 02

NOTES

HEAT PUMPS

VASTI

Vasti heat pumps are modern, economical and maintenance-free heating devices that provide an ecological way of heating your home and domestic water. They work with R32 refrigerant, which has a low impact on the natural environment. Additionally, when filling the devices, you can reduce the amount of agent used by up to 30%. Moreover, it is classified as a lower flammability factor, which means that the negative impact on the environment is doubly reduced.

The Vasti brand's offer includes Vasti M, Vasti Lite (monoblocks) and Vasti S heat pumps - a split heat pump.







The manufacturer reserves the right to make changes to the technical parameters and specification of the goods offered. The information contained in this catalogue does not constitute an assurance within the meaning of article 4 paragraph 3 and 4 of the Act of 27 July 2002 on special conditions of consumer sale and amending the Civil Code, and also does not constitute a description of goods within the meaning of article 4 paragraph 2 of the Act. This catalogue does not constitute an offer within the meaning of article 66 of the Civil Code.

The actual look of the products may differ from the graphics presented in the catalogue.