



with renewable energy!



the reliable
Hungarian manufacturer



PRODUCT CATALOGUE

———— www.hajdurt.hu ————

HAJDU



HAJDU GROUP

Since 1952 ●●●



We must observe and continue the traditions of our more than 70-year-old Company Group, the culture of mutual respect, as well as the appreciation of our companies in our environment and by partners, and our recognition as a conservatively organised local company that operates reliably and provides security.

HAJDU Group is recognised by our partners and customers, both in Hungary and abroad, as a reliable player in our economy, due mainly to our durable, excellent quality, reliable products.

All these have allowed, and will allow us in the future to ensure employment for our nearly 600 employees, as well as continuously growing living standard for their families.

Our aim is to further increase the good reputation and recognition of our companies building on our traditions.

Lajos Novotni
President of HAJDU Group

HISTORY

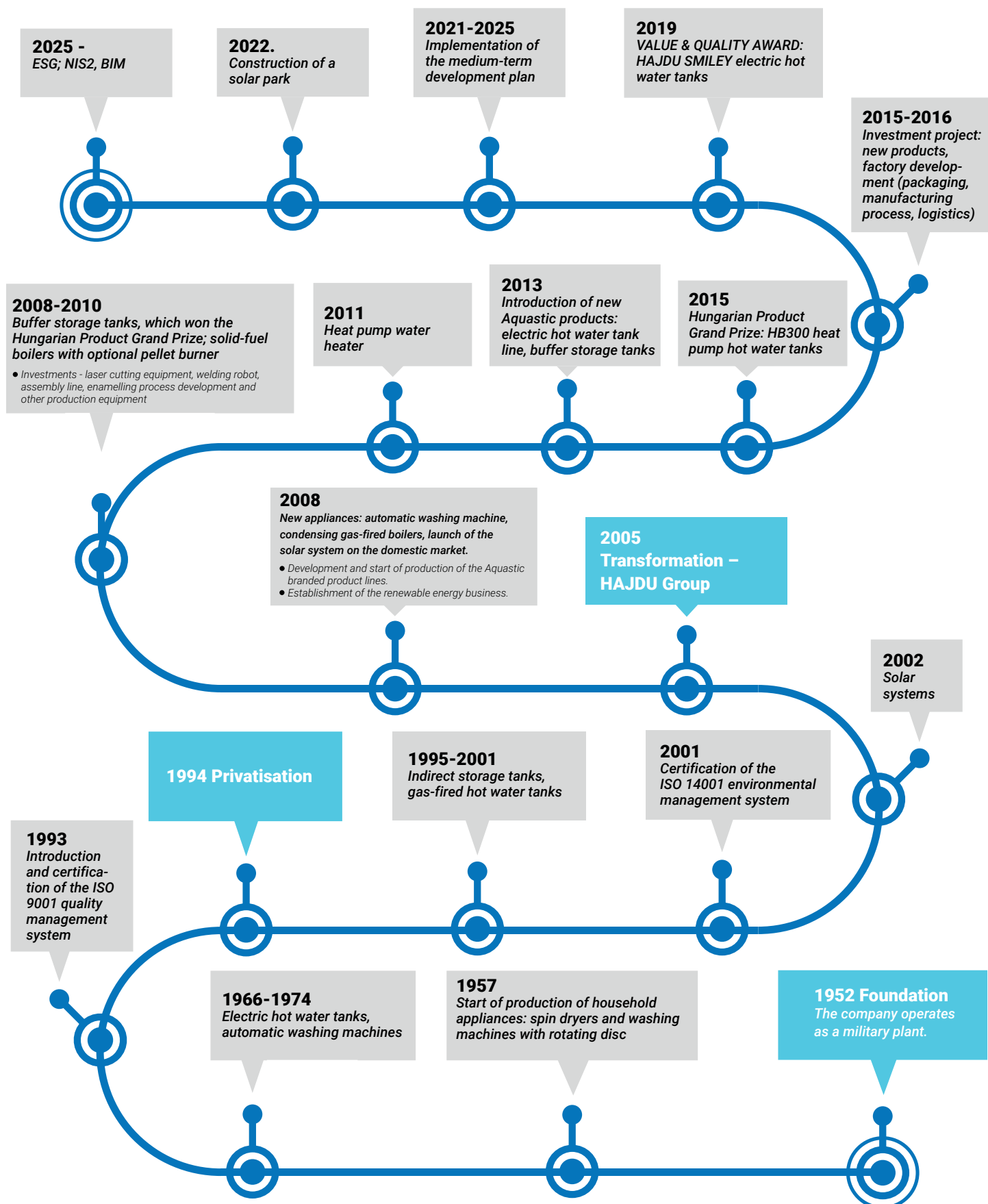


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Electrical or electronic equipment included in this Product Catalogue contain components (for example, cables) which, after becoming waste, are classified as hazardous wastes. Hazardous substances in electrical, electronic equipment have a harmful impact on the environment (in particular, the soil and groundwater) and human health, if they are not used and operated in compliance with the relevant environmental regulations. Thus, you are requested to comply with the following requirements, in the interest of environmental protection:



CONFORMS TO THE
EUROPEAN SAFETY
REGULATIONS



CONFORMS TO THE
EUROPEAN ENERGY
EFFICIENCY
REGULATIONS

- Electrical and electronic equipment that has become waste must be collected separately, it may not be placed in the same waste receptacle as municipal wastes, and it cannot be disposed of as municipal waste.
- You can leave used and waste electrical and electronic equipment free of charge at the point of sale, or with any distributor selling electrical and electronic equipment that is identical in nature with or has the same functionality as the used and waste electrical or electronic equipment.
- By proceeding this way, you can play a valuable role in the reuse, and preparation for reuse of electrical and electronic equipment, and in the reduction of the quantity, the recovery or other forms of recycling of electrical and electronic equipment that has become waste.
- As a manufacturer, we will bear all costs arising in connection with the fulfilment of the abovementioned obligations and expectations. Furthermore, we commit ourselves to paying these costs by issuing the present declaration.

For information about products and warranty conditions, please visit www.hajdurt.hu. The images and drawings shown in this catalogue are for illustration purposes only; we do not take responsibility for any discrepancies. Detailed technical specifications of each product can be found in the respective user manual. HAJDU Zrt. reserves the right to implement changes.
No liability is accepted for typographical or printing errors. Valid from May 2026



ELECTRIC HOT WATER STORAGE TANKS

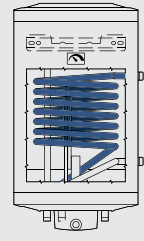
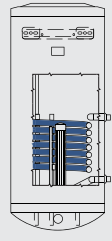
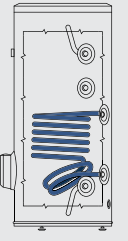
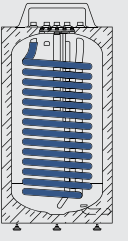
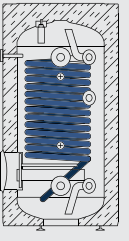
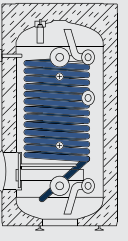
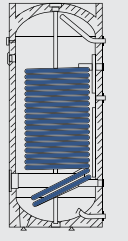
ELECTRIC HOT WATER STORAGE TANKS					
SMALL-CAPACITY		WALL-MOUNTED, VERTICAL			
ZF/ZA 10	AQ10F/A	Z...ERP	Z...C ERP	C...S	SY...R
					
page 14	page 14	page 15	page 16	page 17	page 18
VOLUME [Litre]					
10		30; 50; 80; 100; 120; 150; 200		120; 150; 200	80; 120; 150
MAXIMUM LOAD PROFILE					
XS		S - M - L		M - L	
ENERGY EFFICIENCY CLASS					
C	C	C	B-C	B-C	B
INNER TANK COATING					
ENAMEL					
INSULATION					
PU FOAM INSULATION					
HEATING ELEMENT TYPE					
TUBULAR HEATER			STEATITE		
TEMPERATURE CONTROL					
UNVENTED	MANUAL			DIGITAL	
ELECTRIC POWER [kW]					
1,2 / 2	1,6 / 2	1,8 / 2,4	1,2 / 1,8 / 2,4	1,2 / 2,4	1,6 / 2,4
THREE-PHASE COMPATIBLE (kW)					
-					
PROGRAMMABLE					
-					

ELECTRIC HOT WATER STORAGE TANKS

WALL-MOUNTED, VERTICAL		WALL-MOUNTED, VERTICAL/HORIZONTAL	WALL-MOUNTED, HORIZONTAL	FLOOR-STANDING
AQ ECO...ERP	NT-...	AQ FLAT...WIFI ERP	ZV...ERP	Z...S ERP
				
page 21	page 23	page 22	page 19	page 20
VOLUME [Litre]				
30; 50; 80; 100; 120; 150; 200	50; 80; 100	50; 80; 100	80; 120; 150; 200	150; 200; 300
MAXIMUM LOAD PROFILE				
S - M - L	M	M	M - L - XL	L - XL
ENERGY EFFICIENCY CLASS				
C	C	B	C	C
INNER TANK COATING				
ENAMEL				
INSULATION				
PU FOAM INSULATION				
HEATING ELEMENT TYPE				
TUBULAR HEATER			STEATITE	
TEMPERATURE CONTROL				
MANUAL		DIGITAL + APP	MANUAL	
ELECTRIC POWER [kW]				
1,8 / 2,4	1,5	1,2+0,8	1,2 / 1,8 / 2,4	2,4 / 3,2
THREE-PHASE COMPATIBLE (kW)				
-			3 x 0,8 / 3 x 1,066	
PROGRAMMABLE				
-		WIFI	-	



INDIRECTLY HEATED HOT WATER TANKS

INDIRECTLY HEATED HOT WATER TANKS						
INDIRECT DHW STORAGE TANKS			HIGH-CAPACITY INDIRECT DHW STORAGE TANKS			
AQ IDE...F	IDE/IND...F	IDE/IND...S	HR-N	STXL 120-160C	STXL 200-300C	STXL 400-500C
						
						
page 25	page 26	page 27	page 28	page 29	page 30	page 31
VOLUME [Litre]						
75; 100; 120; 150; 200	75; 100; 150; 200	100; 150; 200	120; 160	120; 160	200-300	400; 500
ENERGY EFFICIENCY CLASS						
C	C	C	B	B	C	B
INNER TANK COATING						
ENAMEL						
INSULATION						
PU FOAM INSULATION						100 mm FELT; PU FOAM INS.
NUMBER OF HEAT EXCHANGERS						
1	1	1	1	1	1	1
RATED OPERATING PRESSURE [MPa]						
0,6				1		
HEATING ELEMENT TYPE						
TUBULAR HEATER	STEATITE		-	INSERTABLE STEATITE		INSERTABLE TUBULAR HEATER
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓				
			✓	✓	✓	✓

For heating



For domestic hot water



For solar heating



For gas boiler



For heat pump



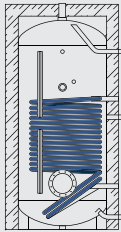
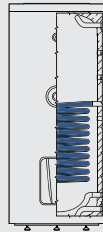
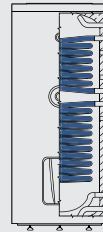
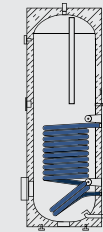
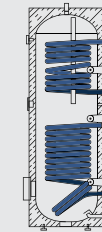
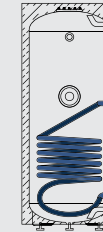
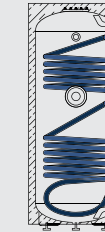
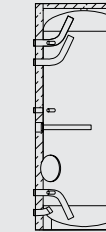
For district heating



For biomass boiler



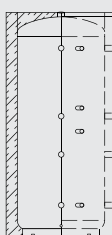
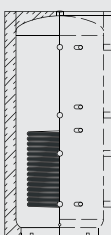
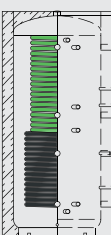
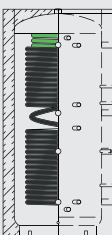
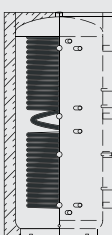
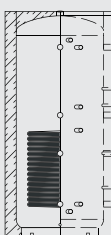
INDIRECTLY HEATED HOT WATER TANKS

HIGH-CAP. INDIRECT DHW STORAGE TANKS	MULTI-ENERGY (SOLAR) HEATED STORAGE TANKS						STORAGE TANKS HEATED BY EXT. HEAT EXCHAN.
STXL 750-900C	STA SZTEA C	STA SZTEA C2	STA C	STA C2	AQ STA C	AQ STA C2	HD
							
							
page 31	page 32	page 32	page 33	page 33	page 34	page 34	page 35
VOLUME [Litre]							
750; 900	200; 300		400; 500; 800; 1000		200; 300		200; 300; 400; 500; 800; 1000; 1500; 2000
ENERGY EFFICIENCY CLASS							
C	C	C	C	C	C	C	C
INNER TANK COATING							
ENAMEL							
INSULATION							
100 mm FELT; PU FOAM INS.	PU FOAM INSULATION		PU FOAM INSULATION + OUTER CASING		PU FOAM INSULATION		
NUMBER OF HEAT EXCHANGERS							
1	1	2	1	2	1	2	0
RATED OPERATING PRESSURE [MPa]							
1	0,6		0,6; 1		0,6		0,8; 1
HEATING ELEMENT TYPE							
INSERTABLE TUBULAR HEATER	INSERTABLE STEATITE		TUBULAR HEATER				
							
							
							
							
							

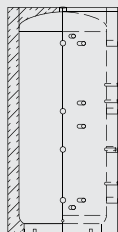
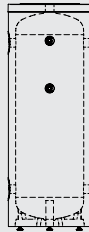
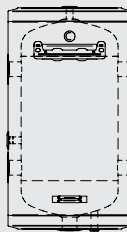
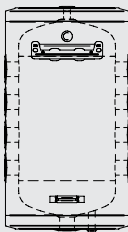




BUFFER STORAGE TANKS

BUFFER STORAGE TANKS					
HEATING BUFFER STORAGE TANKS					
PT300 ERP	PT300C ERP	PT...CF.2	PT...C2F.2	PT..C2.2	PT..C.2
					
					
page 48	page 48	page 48	page 48	page 48	page 48
VOLUME [Litre]					
300		500; 750; 1000			
ENERGY EFFICIENCY CLASS					
C	C	500 l: B			
INNER TANK COATING					
UNTREATED SURFACE					
INSULATION					
PU FOAM INSULATION		EPS + GRAPHITE + PES			
NUMBER OF HEAT EXCHANGERS					
-	1	2	3	2	1
MAXIMUM OPERATING PRESSURE (Tank) [MPa]					
0,3					
MAXIMUM OPERATING PRESSURE (Bottom heat exchanger) [MPa]					
-	0,6				
MAXIMUM OPERATING PRESSURE (Top heat exchanger) [MPa]					
-			0,6		-
MAXIMUM OPERATING PRESSURE (Stainless steel heat exchanger) [MPa]					
-		1		-	
HEATING ELEMENT TYPE					
TUBULAR HEATER CAN BE INSTALLED					
					
					
					
					
					

BUFFER STORAGE TANKS

HEATING BUFFER STORAGE TANKS				HEATING-COOLING BUFFER STORAGE TANKS		
PT... .2	AQ PT...ERP	AQ PT...C ERP	AQ PT...C2 ERP	PT HC..	PT HC..F	PT HC...F 4+4
						
						
page 48	page 49	page 49	page 49	page 50	page 50	page 50
VOLUME [Litre]						
500; 750; 1000	500; 750; 1000; 1500; 2000			100; 200	60; 80; 100	60
ENERGY EFFICIENCY CLASS						
500 l: B	500 l: C			100 l: B; 200 l: C	B	
INNER TANK COATING						
UNTREATED SURFACE						
INSULATION						
EPS + GRAPHITE+ PES	PES FOAM INSULATION			PU FOAM INSULATION		
NUMBER OF HEAT EXCHANGERS						
-	-	1	2	-		
MAXIMUM OPERATING PRESSURE (Tank) [MPa]				RATED OPERATING PRESSURE [MPa]		
0,3				0,3		
MAXIMUM OPERATING PRESSURE (Bottom heat exchanger) [MPa]						
-	-	0,6		-		
MAXIMUM OPERATING PRESSURE (Top heat exchanger) [MPa]						
-	-	0,6		-		
MAXIMUM OPERATING PRESSURE (Stainless steel heat exchanger) [MPa]						
-	-			-		
HEATING ELEMENT TYPE						
TUBULAR HEATER CAN BE INSTALLED						
✓	✓	✓	✓	✓	✓	✓
		✓	✓			
			✓			
				✓	✓	✓
✓	✓	✓	✓			

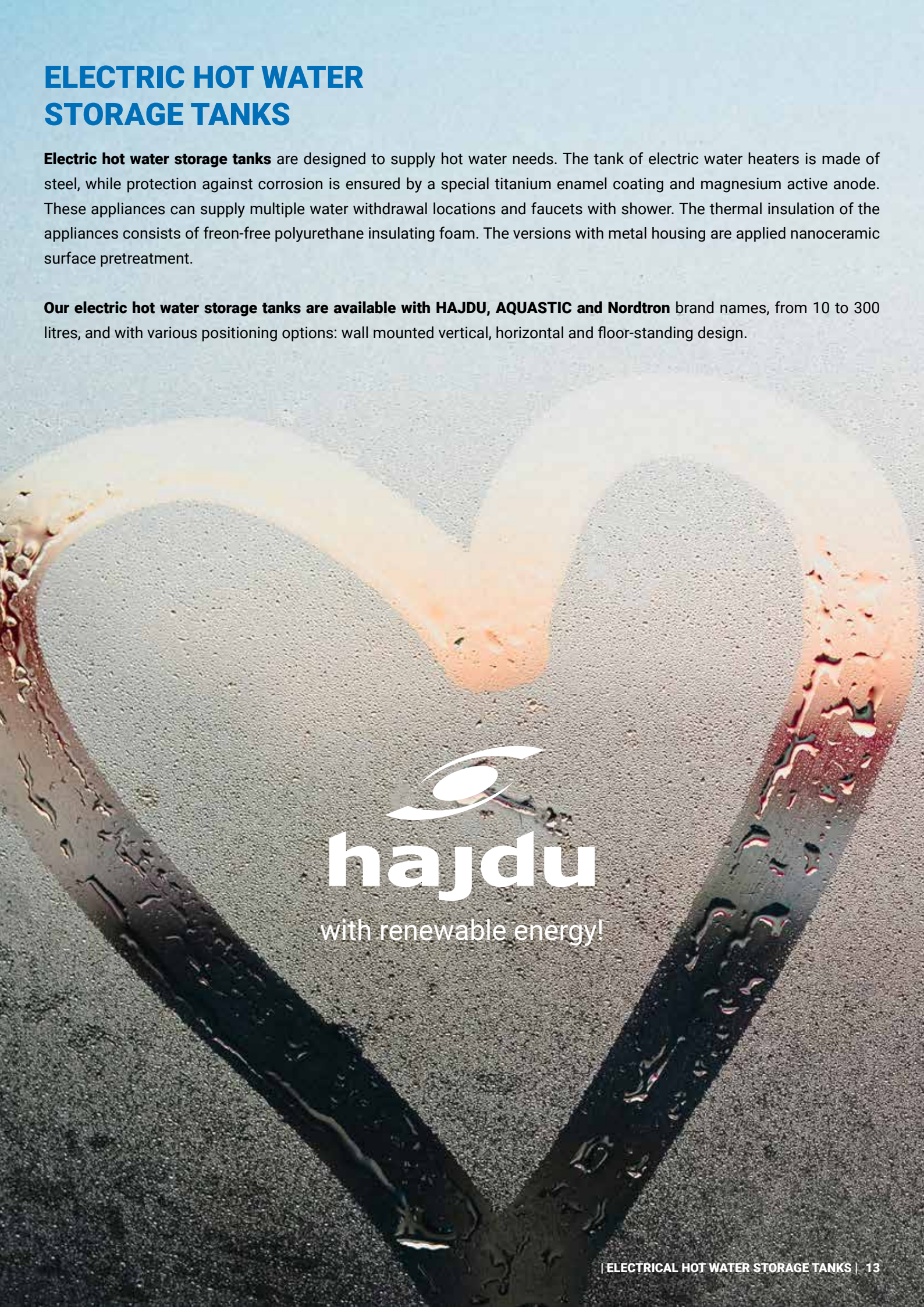




ELECTRIC HOT WATER STORAGE TANKS

Electric hot water storage tanks are designed to supply hot water needs. The tank of electric water heaters is made of steel, while protection against corrosion is ensured by a special titanium enamel coating and magnesium active anode. These appliances can supply multiple water withdrawal locations and faucets with shower. The thermal insulation of the appliances consists of freon-free polyurethane insulating foam. The versions with metal housing are applied nanoceramic surface pretreatment.

Our electric hot water storage tanks are available with HAJDU, AQUASTIC and Nordtron brand names, from 10 to 300 litres, and with various positioning options: wall mounted vertical, horizontal and floor-standing design.



hajdu
with renewable energy!

ELECTRIC HOT WATER STORAGE TANKS



INSTALLATION
WITH ANY FAUCET
TYPE



CAPABLE OF
SUPPLYING
MULTIPLE WATER
OUTLETS



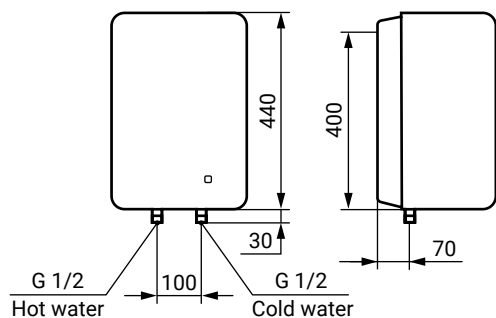
CORROSION
PROTECTION WITH
ACTIVE ANODES

ZF10 ABOVE-SINK INSTALLATION



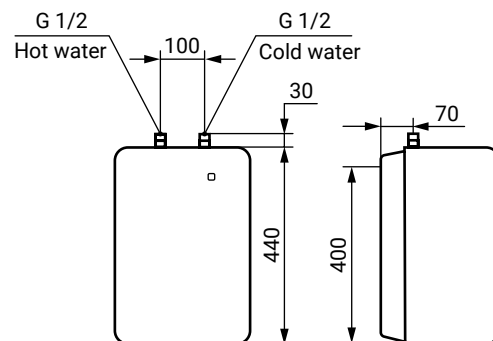
TYPE	ZF10	ZA10
Volume [litre]	10	
Length [mm]	440	
Width [mm]	340	
Depth [mm]	270	
Water connection	G1/2	
Rated operating pressure [MPa]	0,6	
Electric power [kW]	1,2	2
Heat-up time from 15°C to 65°C [minute]	30	18
Weight [kg]	8	
Hot water temperature [°C]	max. 75	max. 65
Maximum load profile	XS	XS
Energy efficiency class	C	C

ZA10 UNDER-SINK INSTALLATION



10
YEAR
WARRANTY

2 years full
10 year tank warranty



AQ10F ABOVE-SINK INSTALLATION



TYPE	AQ10F	AQ10A
Volume [litre]	10	
Electric power [kW]	1,6	2
Heat-up time from 15°C to 65°C [minute]	24	18
Rated operating pressure [MPa]	0,6	
Weight [kg]	7	
Hot water temperature [°C]	max. 80	
Maximum load profile	XS	XS
Energy efficiency class	C	C

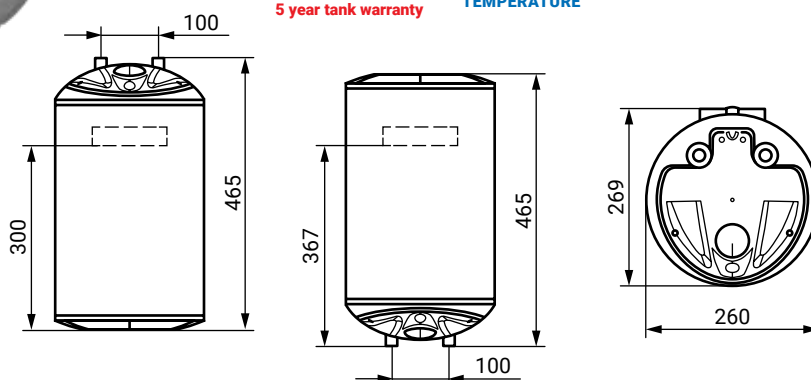
5
YEAR
WARRANTY

2 years full
5 year tank warranty



ADJUSTABLE
WATER
TEMPERATURE

AQ10A UNDER-SINK INSTALLATION





EXCELLENT
THERMAL
INSULATION



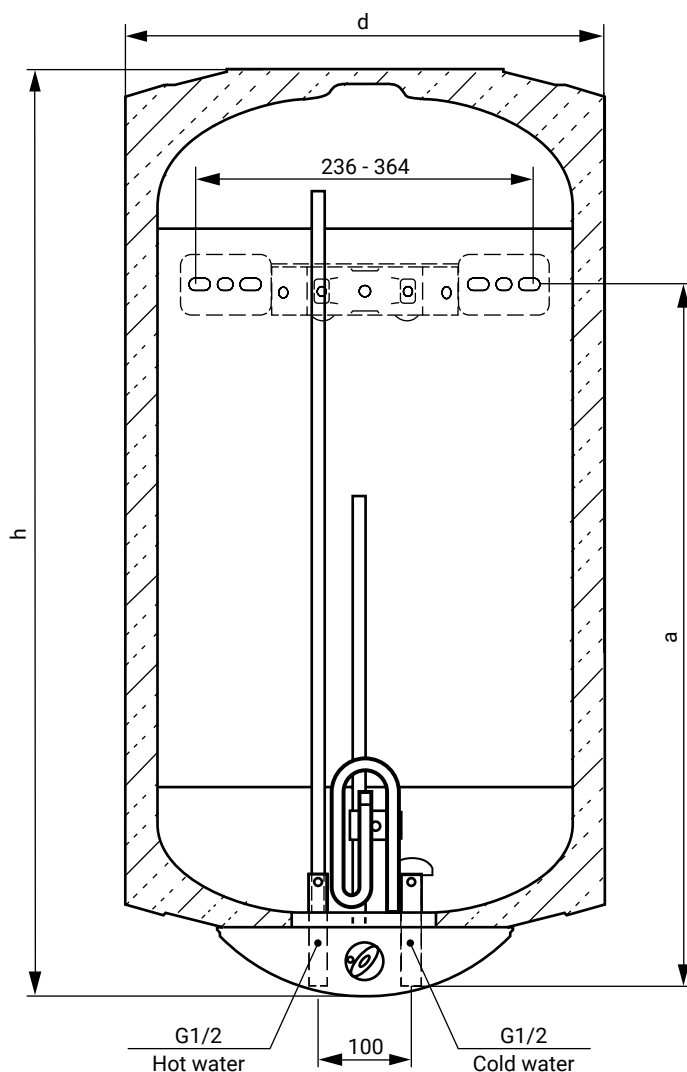
CORROSION
PROTECTION WITH
ACTIVE ANODES



ADJUSTABLE
WATER
TEMPERATURE

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

Z...ErP



10
YEAR
WARRANTY

2 years full
10 year tank warranty

TYPE		Z30ErP	Z50ErP	Z80ErP	Z100ErP	Z120ErP	Z150ErP	Z200ErP
Volume	[litre]	30	50	80	100	120	150	200
h	[mm]	548	550	720	870	1000	1195	1510
d	[mm]	410	515					544
a	[mm]	350	350	510	580	760	960	1240
Water connection		G1/2						
Rated operating pressure	[MPa]	0,6						
Electric power	[kW]	1,8						2,4
Heat-up time from 15°C to 65°C	[h]	1,0	1,8	2,8	3,5	4,2	5,3	5,3
Weight	[kg]	16	20	25	33	33	39	53
Hot water temperature	[°C]	max. 80						
Maximum load profile		S	M	M	M	L	L	L
Energy efficiency class		C	C	C	C	C	C	C

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS



EXCELLENT
THERMAL
INSULATION



CORROSION
PROTECTION WITH
ACTIVE ANODES



ADJUSTABLE
WATER
TEMPERATURE



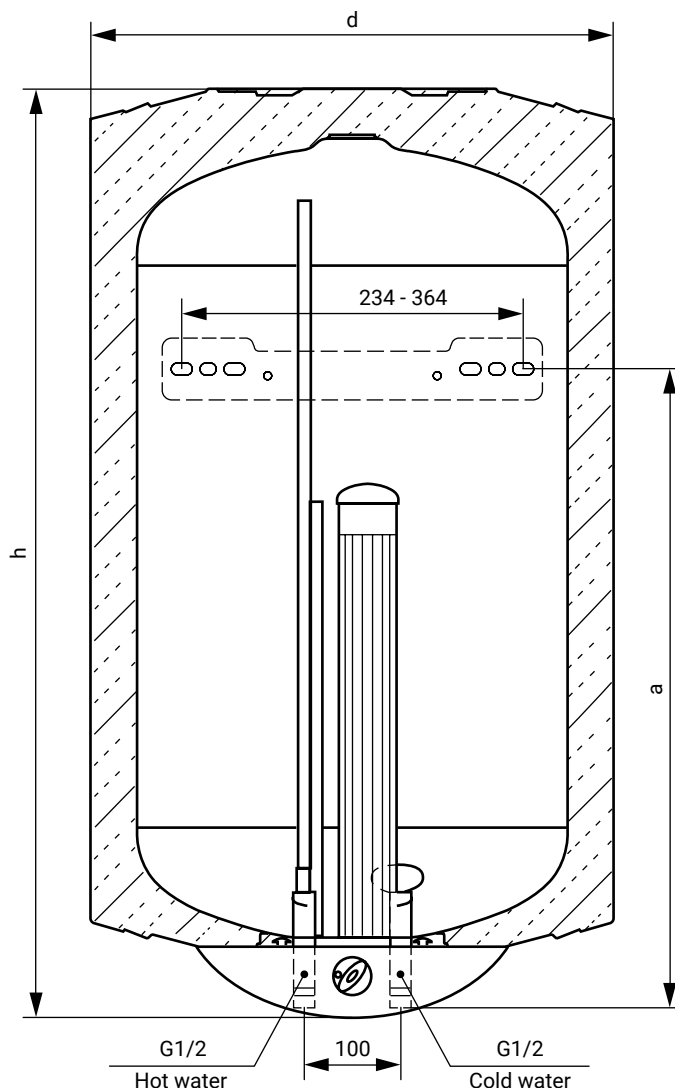
CERAMIC HEATING
ELEMENT, MINIMAL
SCALING, LONGER
SERVICE LIFE

Z...C ErP



10 YEAR
WARRANTY

2 years full
10 year tank warranty



• STEATITE VERSION

Ceramic heating element enclosed in an enamelled drywell. Minimal limescale build-up. Safe and reliable operation with all water hardness levels.

TYPE	Z 30 C ErP	Z 50 C ErP	Z 80 C ErP	Z 100 C ErP	Z 120 C ErP	Z 150 C ErP	Z 200 C ErP
Volume [litre]	30	50	80	100	120	150	200
h [mm]	548	550	720	870	1000	1195	1510
d [mm]	410	515					544
a [mm]	350		510	580	760	960	1240
Water connection	G1/2						
Rated operating pressure [MPa]	0,6						
Electric power [kW]	1,2		1,8				2,4
Heat-up time from 15°C to 65°C [h]	1,6	2,6	2,8	3,5	4,2	5,3	5,3
Weight [kg]	17	23	28	33	37	43	55
Hot water temperature [°C]	max. 80						
Maximum load profile	S	M	M	M	L	L	L
Energy efficiency class	B	C	C	C	C	C	C



SMART CONTROL



CERAMIC HEATING
ELEMENT, MINIMAL
SCALING, LONGER
SERVICE LIFE



EXCELLENT
THERMAL
INSULATION

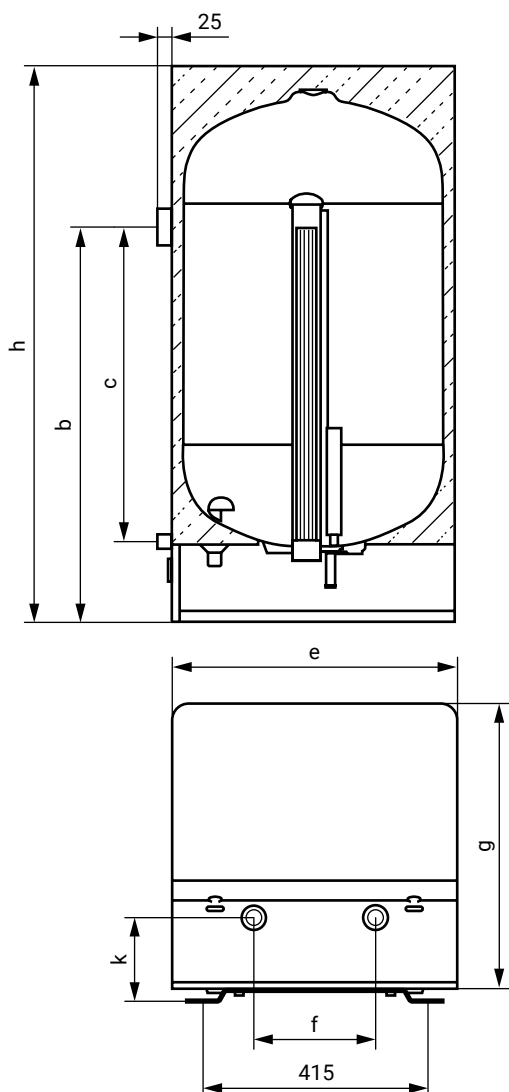
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS


hajdu

CUBE



C...S



10 YEAR
WARRANTY

2 years full
10 year tank warranty

• STEATITE VERSION

Ceramic heating element enclosed in an enamelled drywell. Minimal limescale build-up. Safe and reliable operation with all water hardness levels.

TYPE		C120S	C150S	C200S
Volume	[litre]	120	150	200
h	[mm]	1037		1324
e	[mm]	490	540	
g	[mm]	490	540	
b	[mm]	817	800	1090
c	[mm]	-	510	802
f	[mm]	100	230	
k	[mm]	100	160	
Water connection		G1/2	G3/4	
Rated operating pressure		[MPa] 0,6		
Electric power		[kW] 2,4		
Heat-up time from 15°C to 65°C		3,16	3,95	5,27
Weight		49	56	68
Hot water temperature		[°C] max. 75		
Maximum load profile		M	L	L
Energy efficiency class		B	C	C

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS



STRATIFIED
WATER HEATER



CERAMIC HEATING
ELEMENT, MINIMAL
SCALING, LONGER
SERVICE LIFE



EXCELLENT
THERMAL
INSULATION

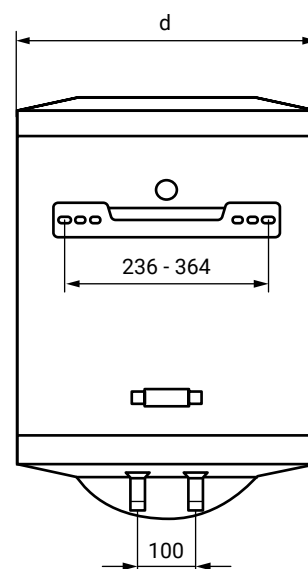
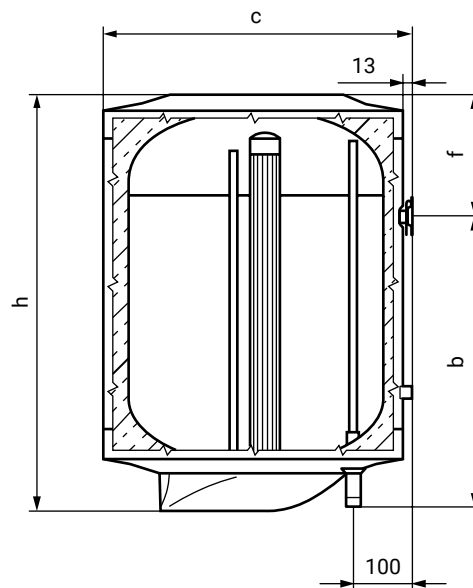
hajdu
SMILEY



SY...R

10 YEAR
WARRANTY

2 years full
10 year tank warranty



• STEATITE VERSION

Hajdu's innovative split ceramic heating element enclosed in an enamelled drywell. Minimal limescale build-up. Safe and reliable operation with all water hardness levels.

TYPE		SY80R	SY120R	SY150R
Volume	[litre]	80	120	150
Length (h)	[mm]	730	1020	1205
Diameter (d)	[mm]	515		
b	[mm]	500	750	950
c	[mm]	528		
f	[mm]	190	230	250
Water connection		G1/2		
Rated operating pressure	[MPa]	0,6		
Electric power	[kW]	0,8+0,8 (1,6)	1,6+0,8 (2,4)	
Heat-up time from 15°C to 65°C	[h]	3,15		3,94
Weight	[kg]	28	37	43
Hot water temperature	[°C]	max. 80		
Maximum load profile		M	M	L
Energy efficiency class		B	B	B



EXCELLENT
THERMAL
INSULATION



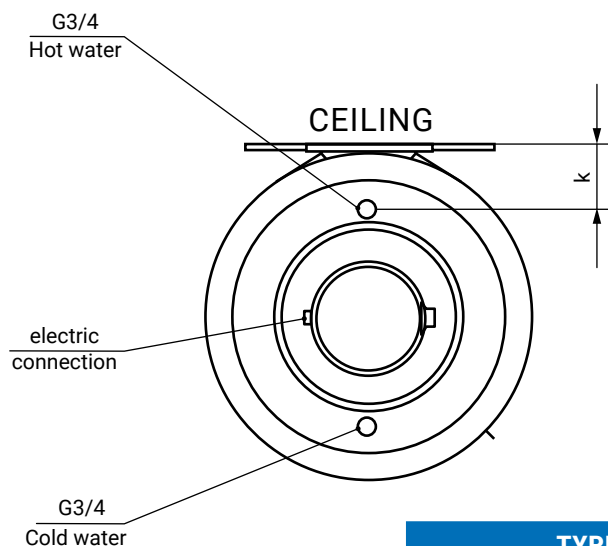
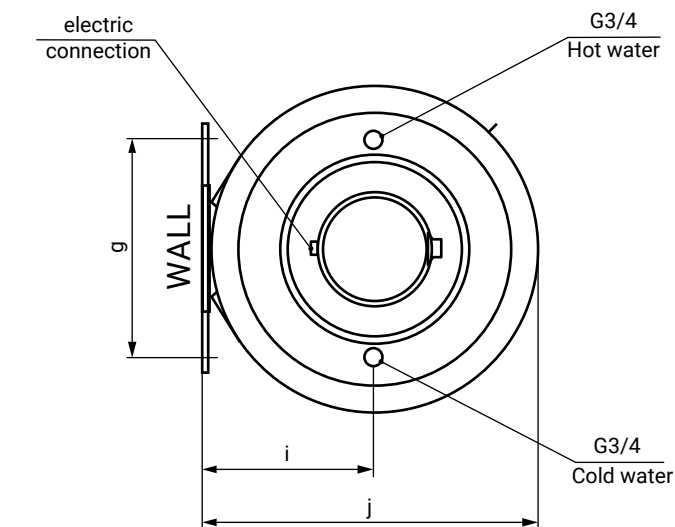
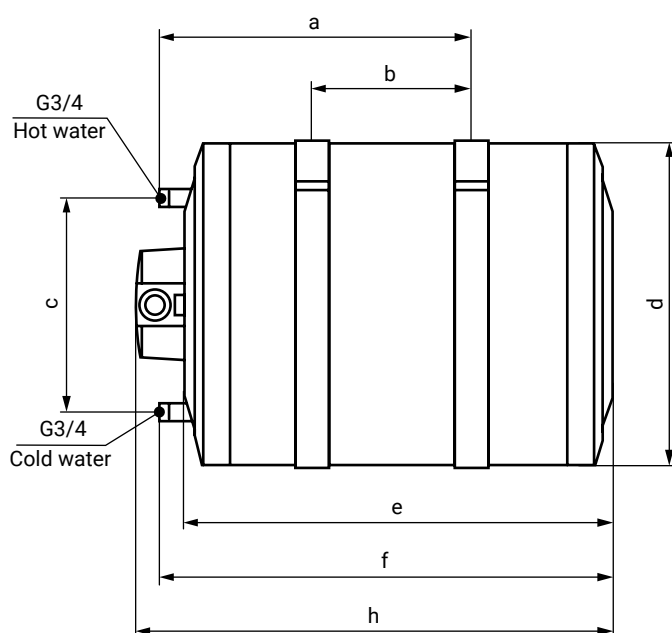
CORROSION
PROTECTION WITH
ACTIVE ANODES



ADJUSTABLE
WATER
TEMPERATURE

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED HORIZONTAL MODELS

ZV...ErP



10
YEAR
WARRANTY

2 years full
10 year tank warranty

- Appliances can be mounted in right or left looking positions on both walls and ceilings.

TYPE		ZV80ErP	ZV120ErP	ZV150ErP	ZV200ErP
Volume	[litre]	80	120	150	200
h	[mm]	775	1055	1255	1345
d	[mm]	515		544	595
a	[mm]	500	750	1035	1050
b	[mm]	250	500	800	
c	[mm]	384			375
e	[mm]	690	970	1170	1260
f	[mm]	725	1005	1205	1298
g	[mm]	300	350	360	440
i	[mm]	273		288	314
j	[mm]	528		557	608
k	[mm]	81		96	123
Water connection		G3/4			
Rated operating pressure	[MPa]	0,6			
Electric power	[kW]	1,2	1,8	2,4	
Heat-up time from 15°C to 65°C	[h]	4,2		4,0	5,3
Weight	[kg]	29	36	47	53
Hot water temperature	[°C]	adjustable, max. 80			
Maximum load profile		M	L	L	XL
Energy efficiency class		C	C	C	C

ELECTRIC HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS



CERAMIC HEATING
ELEMENT, MINIMAL
SCALING, LONGER
SERVICE LIFE

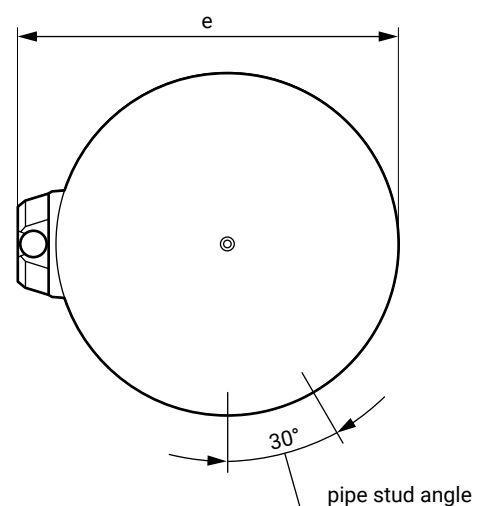
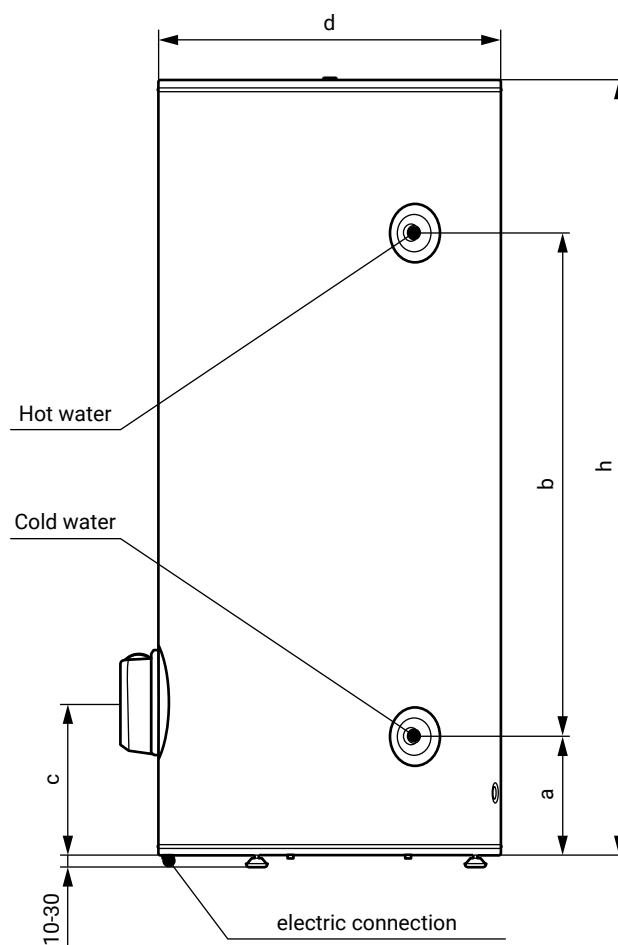


ECONOMICALLY
CONTROLLED WATER
TEMPERATURE,
FROST PROTECTION



1 AND 3 PHASE
CONNECTION

Z...S ErP



TYPE		Z150S ErP	Z200S ErP	Z300S ErP
Volume	[litre]	150	200	300
h	[mm]	1035	1330	1500
d	[mm]	595		660
a	[mm]	231		
b	[mm]	510	803	972
c	[mm]	317		296
e	[mm]	669		734
Water connection		G3/4		
Rated operating pressure	[MPa]	0,6		
Electric power 1-phase wiring	[W]	2400		3200
Heat-up time from 15°C to 65°C	[h]	4	5,3	6
Electric power 3-phase wiring	[W]	3x800		3x1066
Heat-up time from 15°C to 65°C	[h]	4	5,3	6
Weight	[kg]	50	61	84
Hot water temperature	[°C]	max. 75		
Maximum load profile		L	XL	XL
Energy efficiency class		C	C	C

10
YEAR
WARRANTY

2 years full
10 year tank warranty



ADJUSTABLE
WATER
TEMPERATURE



CORROSION
PROTECTION WITH
ACTIVE ANODES



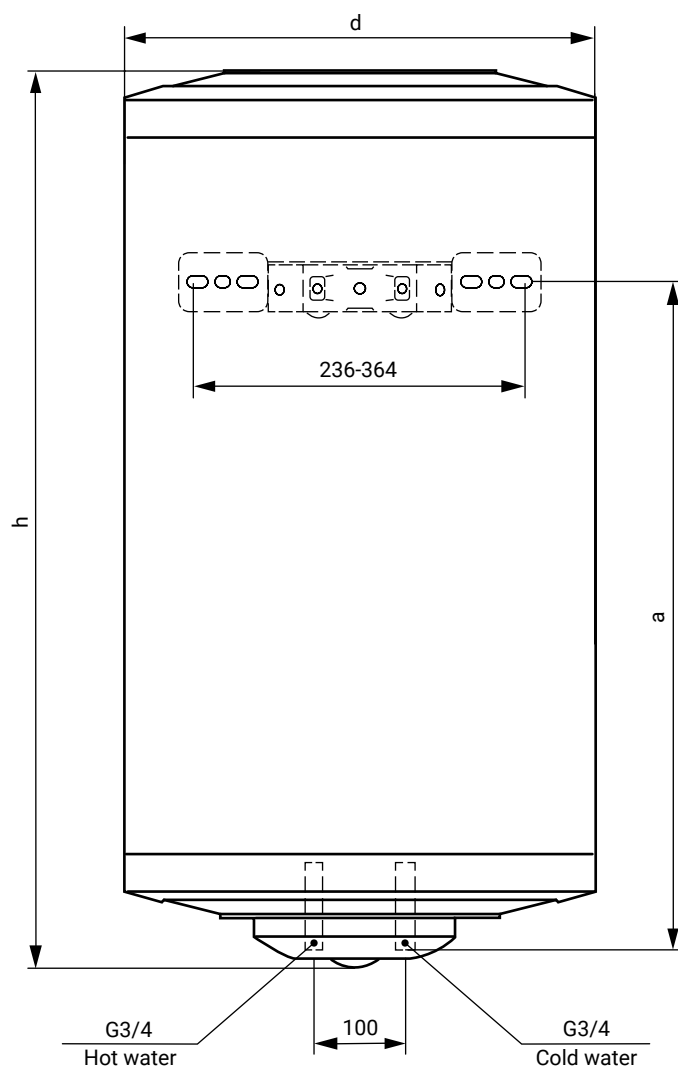
CAPABLE OF
SUPPLYING MULTIPLE
WATER OUTLETS

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

AQ ECO...ErP

5
YEAR
WARRANTY

2 years full
5 year tank warranty



TYPE		AQ ECO 30 ErP	AQ ECO 50 ErP	AQ ECO 80 ErP	AQ ECO 100 ErP	AQ ECO 120 ErP	AQ ECO 150 ErP	AQ ECO 200 ErP
Volume	[litre]	30	50	80	100	120	150	200
h	[mm]	540	527	697	847	977	1172	1447
d	[mm]	410	496					
a	[mm]	343	340	500	570	750	950	1230
Water connection		G1/2						
Rated operating pressure	[MPa]	0,6						
Electric power	[kW]	1,8						2,4
Heat-up time from 15°C to 65°C	[h]	1	1,8	2,8	3,5	4,2	5,3	
Weight	[kg]	16	20	26	30	32	39	49
Hot water temperature	[°C]	max. 80	max. 60	max. 70				
Maximum load profile		S	M	M	L	L	L	L
Energy efficiency class		C	C	C	C	C	C	C

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL/HORIZONTAL MODELS

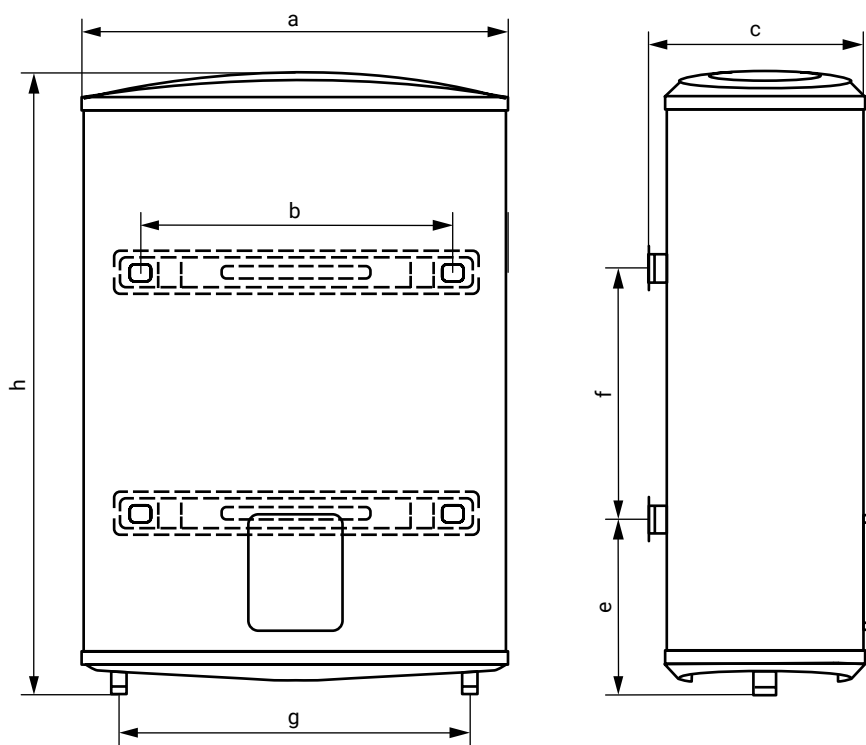


FLAT
UNIT



EN
ENGLISH
LANGUAGE
APPLICATION

AQ FLAT...Wifi ErP



2 years full
4 year tank warranty

TYPE		AQ FLAT 50 Wifi ErP	AQ FLAT 80 Wifi ErP	AQ FLAT 100 Wifi ErP
Volume	[litre]	50	80	100
a	[mm]	469	569	
h	[mm]	875	902	1087
c	[mm]	245	295	
b	[mm]	355	415	
e	[mm]	183	265	
f	[mm]	470	365	550
g	[mm]	375	475	
Water connection		G1/2		
Rated operating pressure		[MPa] 0,75		
Electric power		[kW] 1,2+0,8		
Heat-up time from 15°C to 65°C (vertical)		1,48	2,34	2,94
Weight		29	36	42
Hot water temperature		°C max. 75		
Maximum load profile		M		
Energy efficiency class		B		

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS



ADJUSTABLE
WATER
TEMPERATURE

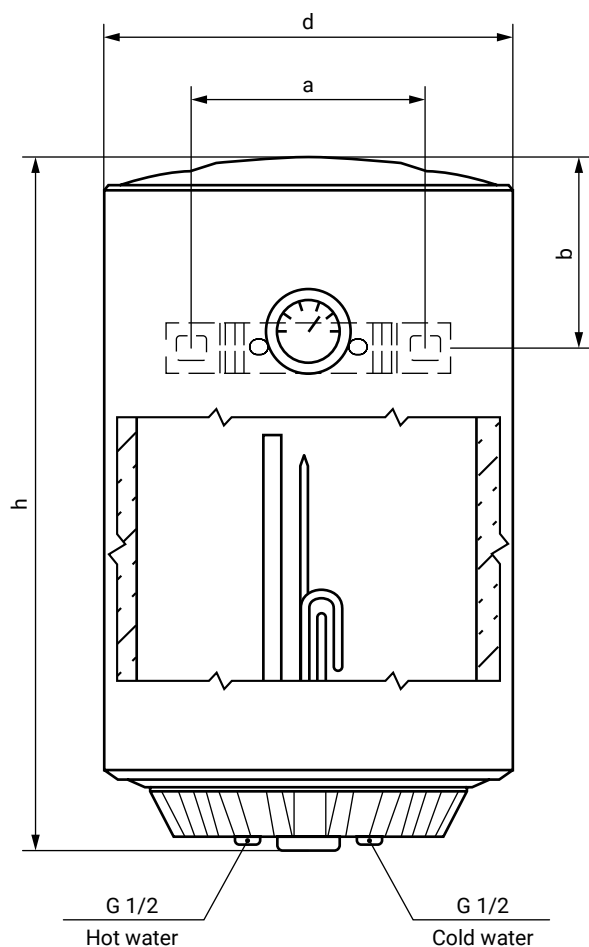


CORROSION
PROTECTION WITH
ACTIVE ANODES

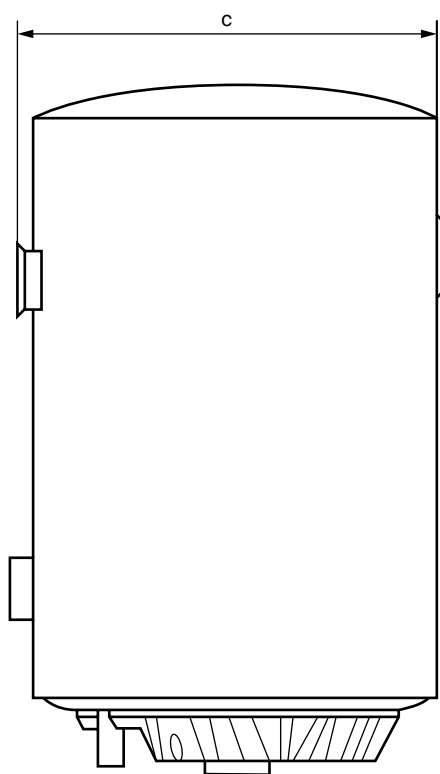


CAPABLE OF
SUPPLYING MULTIPLE
WATER OUTLETS

NT-...



2 YEAR
WARRANTY
2 years full



TYPE		NT-50	NT-80	NT-100
Volume	[litre]	50	80	100
Length (h)	[mm]	770	805	970
Diameter (d)	[mm]	385	450	
a	[mm]	196		
b	[mm]	185		
c	[mm]	403	468	
Water connection		G1/2		
Rated operating pressure		0,75		
Electric power		1,5		
Heat-up time from 15°C to 65°C	[h]	2,1	3,4	4,2
Weight	[kg]	17	23	28
Hot water temperature		max. 75		
Maximum load profile		M		
Energy efficiency class		C		

INDIRECTLY HEATED HOT WATER STORAGE TANKS

Indirectly heated hot water tanks are available with volumes from 75 to 1000 litres. The domestic water is heated via a heat exchanger coil inside the tank.

They are available as wall mounted **F versions** and floor standing **S versions**.

The advantage of models with electric heating element is that they can provide domestic hot water without a boiler or solar collector. You can use the temperature controller to set the temperature of the hot water produced by the electric heater.

The HRN high performance tanks enable heat-up by any heat generator appliance. Their heat exchanger has a large surface area, they are especially suited to low-temperature heating systems and condensing boilers. They come with an anode level indicator and a liquid tension thermometer.

High-performance STXL tanks are especially recommended for heat pump systems.

Multi-energy, high-capacity solar STA... tanks include, depending on the model, pipe coils in the lower third of the container (STA....C) or the lower and upper thirds of the container (STA....C2) that heat up the domestic hot water in the tank. Electric heaters can also be installed in the tank.

The models heated by an external heat exchanger are recommended for use in heating centres at institutions and condominiums, and district heating substations. Hot water is produced in instantaneous mode, the tank is designed to relieve and balance withdrawal peaks. All members of this product line have high pressure resistance and are equipped with connections of large diameters.



hajdu
with renewable energy!





24 kW
POWER



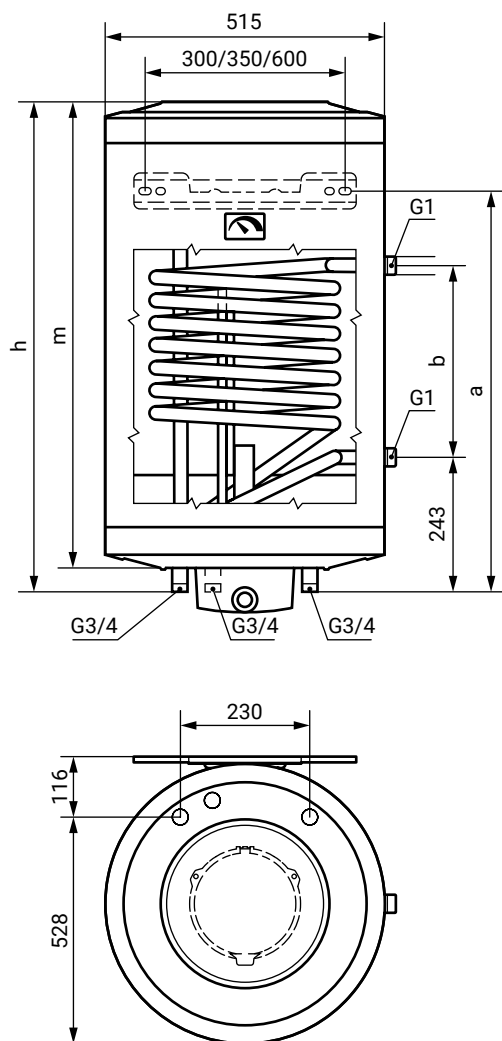
AUXILIARY ELECTRIC
HEATING



HEATING OPTION
FROM AN
EXTERNAL HEATER

INDIRECTLY HEATED HOT WATER STORAGE TANKS, WALL MOUNTED MODELS

AQ IDE...F



5 YEAR
WARRANTY

2 years full
5 year tank warranty



TYPE	with auxiliary electric heating	AQ IDE75F	AQ IDE100F	AQ IDE120F	AQ IDE150F	AQ IDE200F
Volume	[litre]	75	100	120	150	200
h	[mm]	750	906	1036	1245	1506
a	[mm]	500	570	795	1050	
b	[mm]	260	340			
m	[mm]	670	840	970	1170	1431
Water connection		G3/4				
Rated operating pressure [MPa]		0,6				
Circulation pipe connection		G3/4				
Electric power [kW]		2,4				
Heat exchanger surface [m²]		0,615	0,81			
Heat exchanger connection		G1				
Heat exchanger flow resistance (max.) [mbar]		82				
Continuous power [litre/h]		450	590			
Continuous power [kW]		18,5	24			
Hot water temperature [°C]		max. 73				
Weight	[kg]	39	45	49	57	64
Heat loss	[W]	48	52	62	69	82
Energy efficiency class		C				
Part number of heating element		6297129607				

The performance data are valid for flow water at 80 °C, storage at 60 °C or DHW at 45/10 °C.

INDIRECTLY HEATED HOT WATER STORAGE TANKS, WALL MOUNTED MODELS



24 kW
POWER

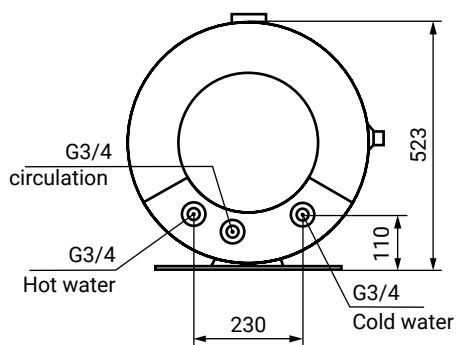
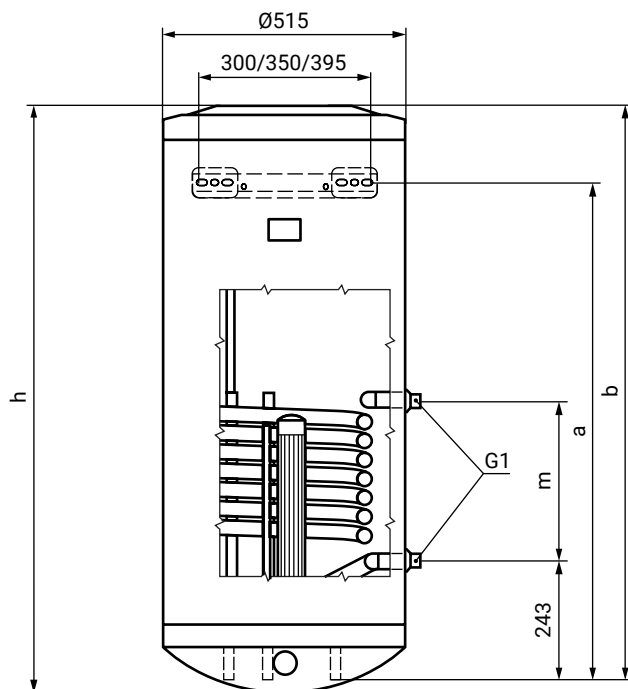


CIRCULATION PIPE
BRANCH



IDE...F ERP MODEL
WITH SPECIAL
CERAMIC HEATER

IDE/IND...F ERP



10 YEAR
WARRANTY

2 years full
10 year tank warranty

• STEATITE VERSION

Ceramic heating element enclosed in an enamelled drywell. Minimal limescale build-up. Safe and reliable operation with all water hardness levels.

TYPE	with auxiliary electric heating	IDE75F ErP	IDE100F ErP	IDE150F ErP	IDE200F ErP
	without auxiliary electric heating	IND75F ErP	IND100F ErP	IND150F ErP	IND200F ErP
Volume	[litre]	75	100	150	200
h	[mm]	745	905	1235	1505
m	[mm]	710	870	1200	1474
a	[mm]	500	570	1050	
b	[mm]	260	340		
Water connection		G3/4			
Rated operating pressure [MPa]		0,6			
Electric power (IDE design) [kW]		2,4			
Heat exchanger surface [m²]		0,615	0,81		
Heat exchanger connection		G1			
Heat exchanger flow resistance (max.) [mbar]		82			
Continuous power [litre/h]		450	590		
Continuous power [kW]		18,5	24		
Weight	[kg]	40/39	48/44	56/55	67/66
Heat loss	[W]	42	68	70	83
Energy efficiency class		C			
Part number of heating element		6104550320 (for types of IND...F ErP)			

The performance data are valid for flow water at 80 °C, storage at 60 °C or DHW at 45/10 °C.



24 kW
POWER



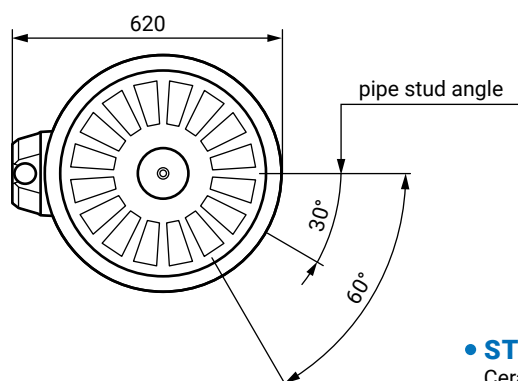
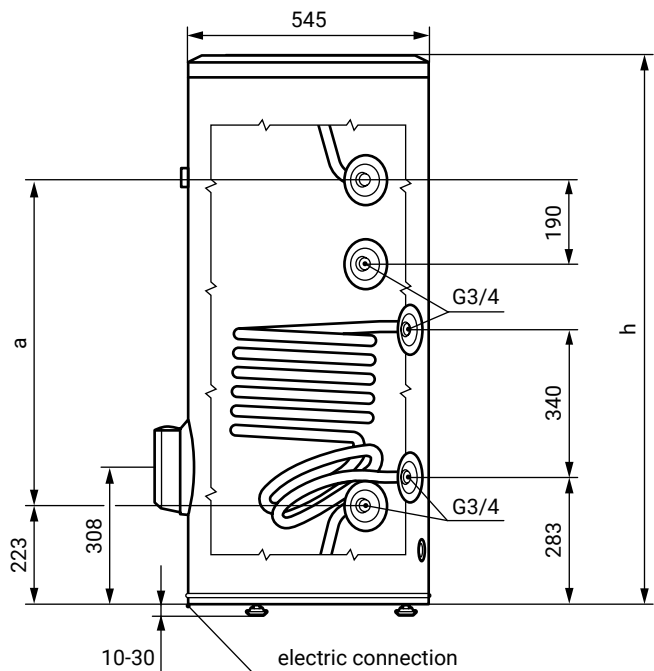
CIRCULATION PIPE
BRANCH



IDE...S ERP MODEL
WITH SPECIAL
CERAMIC HEATER

INDIRECTLY HEATED HOT WATER TANKS, FLOOR-STANDING MODELS

IDE/IND...S ErP



10 YEAR
WARRANTY

2 years full
10 year tank warranty

• STEATITE VERSION

Ceramic heating element enclosed in an enamelled drywell. Minimal limescale build-up. Safe and reliable operation with all water hardness levels.

TYPE		with auxiliary electric heating		
		without auxiliary electric heating		
		IDE100S ErP	IDE150S ErP	IDE200S ErP
		IND100S ErP	IND150S ErP	IND200S ErP
Volume	[litre]	100	150	200
h	[mm]	920	1245	1520
a	[mm]	415	740	1015
Water connection		G3/4		
Rated operating pressure	[MPa]	0,6		
Electric power (IDE design)	[kW]	2,4		
Heat exchanger surface	[m ²]	0,81		
Heat exchanger connection		G3/4		
Heat exchanger flow resistance (max.)	[mbar]	82		
Continuous power	[litre/h]	590		
Continuous power	[kW]	24		
Weight	[kg]	55/54	66/64	76/74
Heat loss	[W]	53	75	79
Energy efficiency class		C		
Part number of heating element		6104550319 (for types of IND...S ErP)		

The performance data are valid for flow water at 80 °C, storage at 60 °C or DHW at 45/10 °C.

HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS



WITH ANODE
SIGNAL



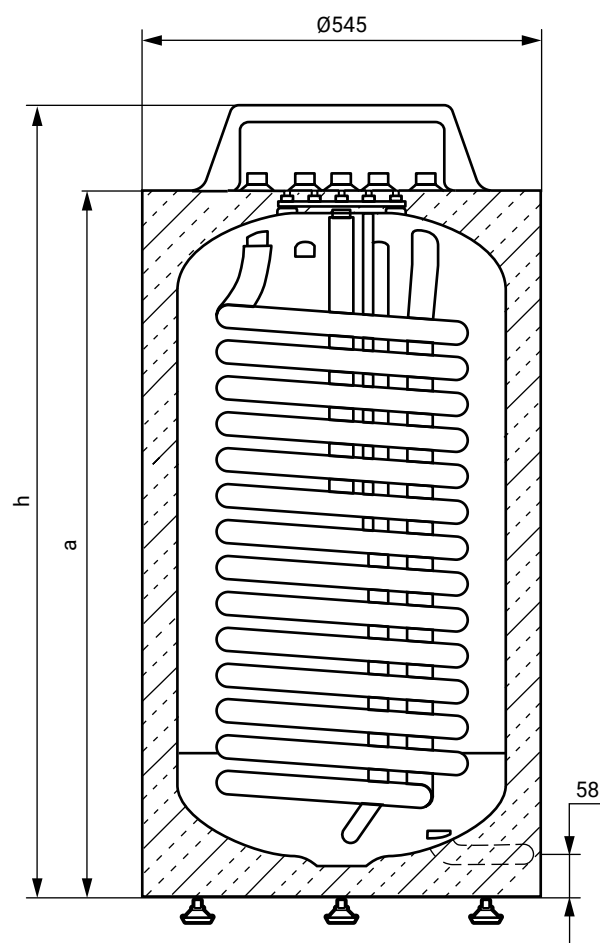
WITH DRAIN
STUB



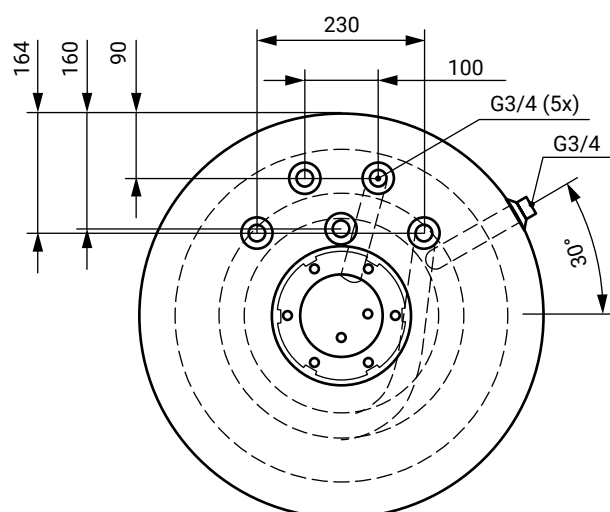
42kW

42kW
POWER

HR-N



TYPE		HR-N30	HR-N40
Volume	[litre]	120	160
h	[mm]	1080	1275
a	[mm]	967	1162
Water connection		G3/4	
Drain stub		G3/4 external thread	
Rated operating pressure	[MPa]	0,6	
Heat exchanger surface	[m ²]	1,4	
Heat exchanger connection		G3/4 external thread	
Heat exchanger flow resistance (max.)	[mbar]	120	
Continuous power	[litre/h]	1030	
Continuous power *	[kW]	42	
Weight	[kg]	64	70
Heat loss	[W]	41	49
Energy efficiency class		B	



10 YEAR
WARRANTY

2 years full
10 year tank warranty

* The performance data are valid for flow water at 80 °C, storage at 60 °C and DHW at 45/10 °C.



EXTRA LARGE
SURFACE OF HEAT
EXCHANGER



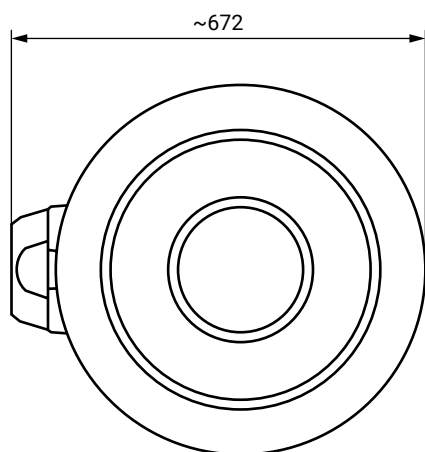
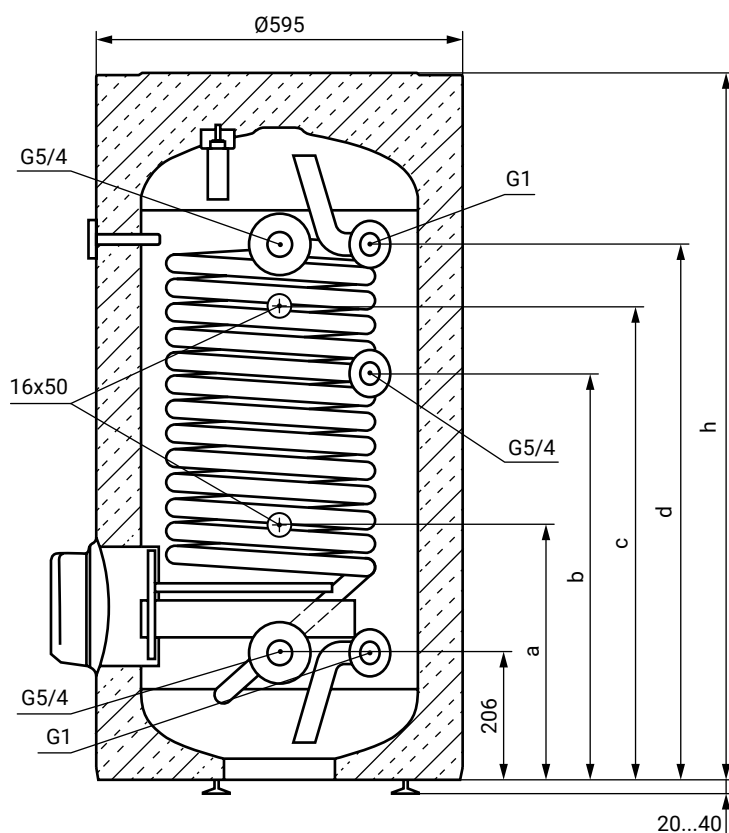
OPTIONAL CERAMIC
HEATING ELEMENT



EXCELLENT
THERMAL
INSULATION

HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

STXL...C



10 YEAR
WARRANTY

2 years full
10 year tank warranty

TYPE		STXL 120C	STXL 160C
Volume	[litre]	120	160
h	[mm]	1150	1390
d	[mm]	870	1110
c	[mm]	770	1010
b	[mm]	661	821
a	[mm]	415	495
Water connection		G1	
Rated operating pressure		1 [MPa]	
Circulation pipe branch connection		G3/4	
Heat exchanger surface	[m ²]	1,44	2,05
Heat exchanger connection		G5/4	
Weight	[kg]	88	107
Heat loss	[W]	50	57
Energy efficiency class		B	
Part number of heating element		6104550274	

HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS



EXTRA LARGE
SURFACE OF HEAT
EXCHANGER

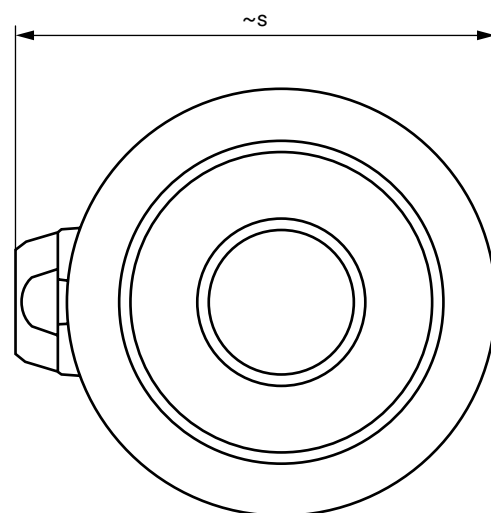
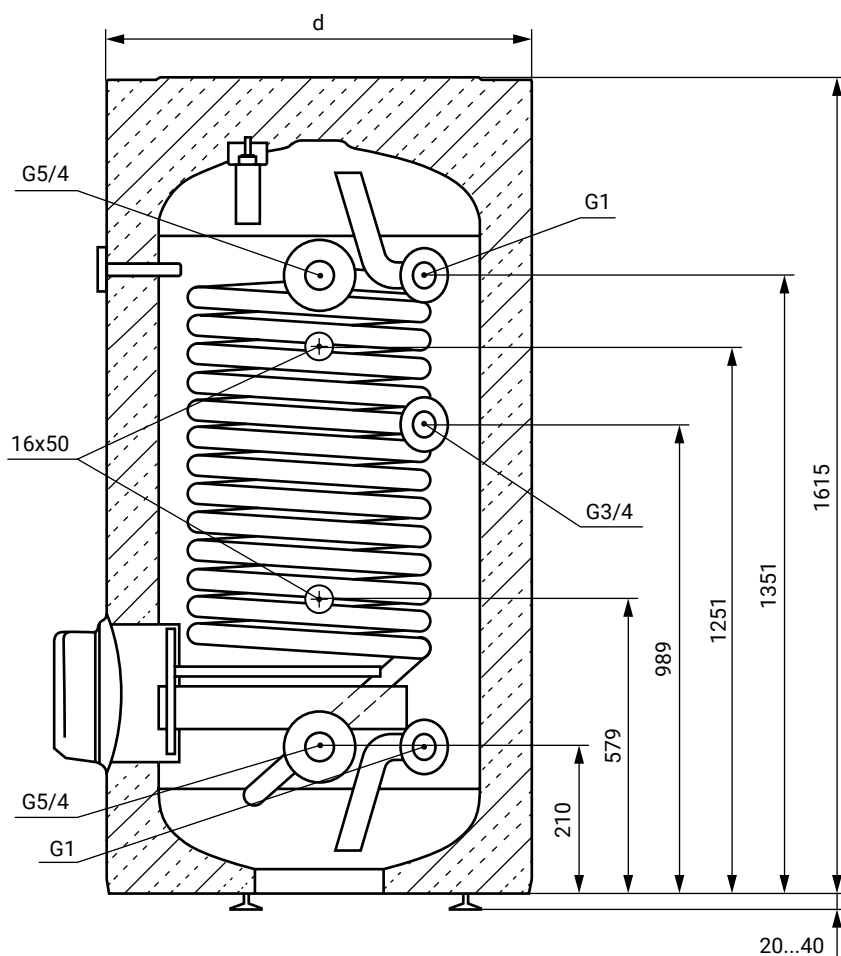


OPTIONAL CERAMIC
HEATING ELEMENT



EXCELLENT
THERMAL
INSULATION

STXL...C



TYPE		STXL 200C	STXL 300C
Volume	[litre]	200	300
d (Diameter)	[mm]	550	663
s	[mm]	625	740
Length	[mm]	1615	
Water connection		G1	
Rated operating pressure	[MPa]	1	
Circulation pipe branch connection		G3/4	
Heat exchanger surface	[m ²]	2,6	3,6
Heat exchanger connection		G5/4	
Weight	[kg]	111	145
Heat loss	[W]	78	83
Energy efficiency class		C	C
Part number of heating element		6104550274	

10 YEAR
WARRANTY

2 years full
10 year tank warranty



CIRCULATION PIPE
BRANCH



ADJUSTABLE
WATER
TEMPERATURE



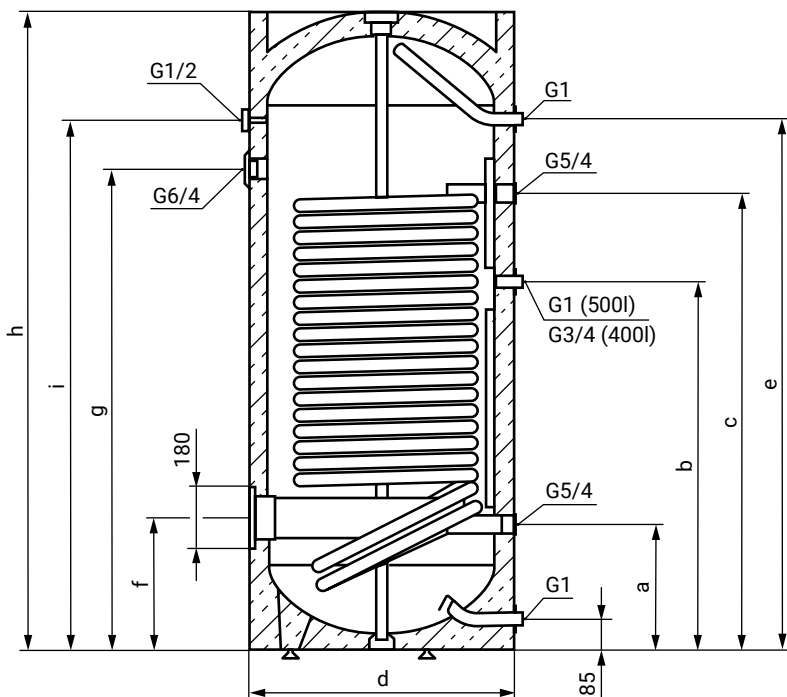
42kW

42kW
POWER

HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

STXL...C

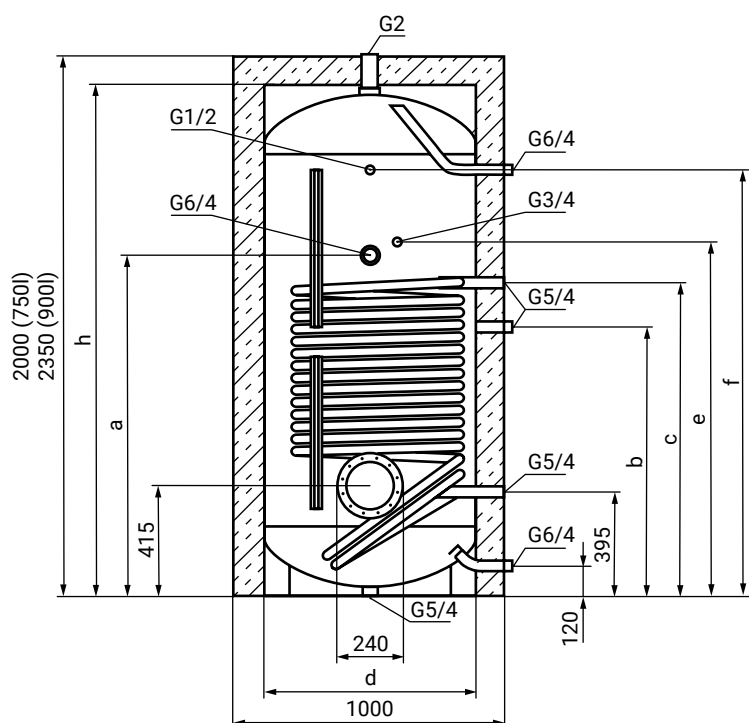
TYPE	Sizes (mm)								
	h	d	a	b	c	e	f	g	i
STXL 400C	1800	680	320	1000	1260	1525	345	1521	1330
STXL 500C	1806	760	350	1040	1290	1500	370	1498	1360



TYPE	Sizes (mm)							
	h	h+Sz	d	a	b	c	e	f
STXL 750C	1882	2000	790	1265	1000	1165	1310	1580
STXL 900C	2228	2350	790	1445	1180	1345	1490	1920

10 YEAR
WARRANTY

2 years full
10 year tank warranty



TYPE	STXL 400C	STXL 500C	STXL 750C	STXL 900C
Volume [litre]	400	500	750	900
Height without insulation [mm]	-		1882	2228
Height with insulation [mm]	1800	1806	2000	2350
Diameter [mm]	680	760	790	
Water connection	G1		G6/4	
Rated operating pressure [MPa]	1			
Circulation pipe connection	G3/4	G1	G5/4	
Heat exchanger surface [m²]	5	6		7,5
Heat exchanger connection	G5/4			
Weight [kg]	212	254	317	374
Heat loss [W]	73,3	79,2	106,7	119,6
Energy efficiency class	B		C	
Part number of heating element	2419991056		2419991059	
	2419991057		2419991051	
	2419991046		2419991061	
	2419991100		2419991056	
	2419991058		2419991057	
	2419991048		2419991046	
	2419991060		2419991047	

MULTI-ENERGY (SOLAR) STORAGE TANKS, FLOOR-STANDING MODELS



POSSIBILITY FOR
INTEGRATION IN
SOLAR SYSTEMS



OPTIONAL CERAMIC
HEATING ELEMENT

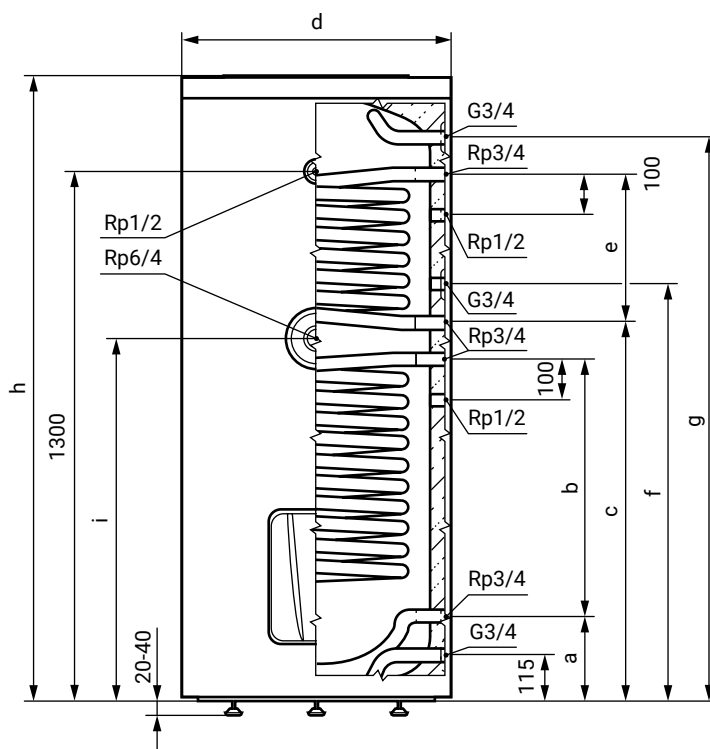


CIRCULATION
PIPE BRANCH

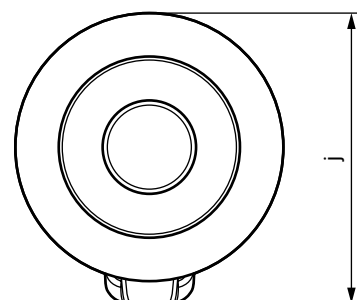
STA...C



STA...C2



TYPE		STA200C	STA300C	STA200C2	STA300C2
Volume	[litre]	200	300	200	300
h	[mm]	1530	1535	1530	1535
d	[mm]	550	665	550	665
a	[mm]	220	210	220	210
b	[mm]	570	630	570	630
c	[mm]	880	930	880	930
e	[mm]	416	364	416	364
f	[mm]	975	1025	975	1025
g	[mm]	1403	1387	1403	1387
i	[mm]	840	890	840	890
j	[mm]	608	720	608	720
Water connection		G3/4			
Rated operating pressure	[MPa]	0,6			
Heat exchanger surface	[m²]	1	1,5	1+0,8	1,5+1
Heat exchanger connection		Rp 3/4			
Heat exchanger flow resistance (max.)	[mbar]	90	130	170	220
Continuous power *	[litre/h]	735	1100	1125	1590
Continuous power *	[kW]	30	45	46	65
Weight	[kg]	73	93	89	109
Heat loss	[W]	71	94	71	94
Energy efficiency class		C			
Part number of heating element		6104550256 6104550247 6297129754	6104550257 6104550248 6297129755	6104550256 6104550247 6297129754	6104550257 6104550248 6297129755



10 YEAR
WARRANTY

2 years full
10 year tank warranty

* The data apply for indirect heating only. The performance data are valid for flow water at 80 °C, storage at 60 °C and DHW at 45/10 °C.



POSSIBILITY FOR
INTEGRATION IN SOLAR
SYSTEMS



OPTIONAL
AUXILIARY
ELECTRIC HEATING



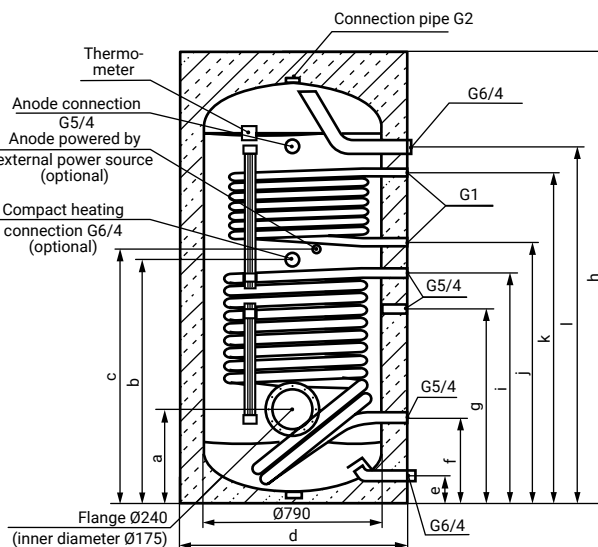
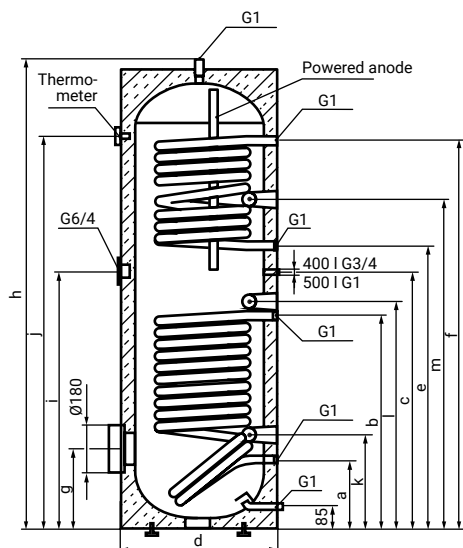
CIRCULATION
PIPE BRANCH

MULTI-ENERGY (SOLAR) STORAGE TANKS, FLOOR-STANDING MODELS

STA400C2-500C2

STA800C2-1000C2

STA...C/C2



10 YEAR
WARRANTY

2 years full
10 year tank warranty

TYPE		STA400C	STA500C	STA800C	STA1000C	STA400C2	STA500C2	STA800C2	STA1000C2
Volume	[litre]	400	500	800	1000	400	500	800	1000
h	[mm]	1832	1838	2000	2350	1832	1838	2000	2350
d	[mm]	680	760	1000	1000	680	760	1000	1000
a	[mm]	305	370	415	415	320	370	415	415
b	[mm]	910	930	1080	1255	880	930	1080	1255
c	[mm]	960	1010	1125	1300	1000	1040	1125	1300
e	[mm]	1000	1040	120	120	1145	1195	120	120
f	[mm]	345	370	380	380	1460	1465	380	380
g	[mm]	1000	1095	860	1025	345	370	860	1025
i	[mm]	1521	1498	1025	1190	1000	1095	1025	1190
j	[mm]	-	-	-	-	1521	1498	1150	1335
k	[mm]	-	-	-	-	420	475	1465	1785
l	[mm]	-	-	-	-	960	980	1580	1920
m	[mm]	-	-	-	-	1317	1323	-	-
n	[mm]	-	-	-	-	370	310	-	-
Water connection		G1		G6/4		G1		G6/4	
Rated operating pressure	[MPa]	1		0,6		1		0,6	
Heat exchanger surface	[m ²]	1,8	2		2,4	1,8+1,0	2,0+1,0	2,0+1,2	2,4+1,2
Heat exchanger connection		G1		G5/4		G1		G5/4	
Heat exchanger flow resistance (max.)	[mbar]	53	41	42	48	53+12	42+19	42+13	48+27
Continuous power *	[litre/h]	863	942	878	952	863+531	942+499	878+572	952+598
Continuous power *	[kW]	35	38	36	39	35+22	38+20	36+23	39+24
Weight	[kg]	130	149	217+24		145	176	235+24	
Heat loss	[W]	102	113	-	-	102	113	-	-
Energy efficiency class		C	C	-	-	C	C	-	-
Part number of heating element		2419991100 2419991058 2419991048 2419991060 2419991055 2419991056 2419991057	2419991100 2419991058 2419991048 2419991060 2419991049 2419991050 2419991055 2419991056 2419991057 2419991046 2419991057 2419991046	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047	2419991100 2419991058 2419991048 2419991060 2419991048 2419991060 2419991055 2419991056 2419991057 2419991056 2419991057	2419991100 2419991058 2419991048 2419991060 2419991049 2419991050 2419991055 2419991056 2419991057 2419991056 2419991057	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047

* The data apply for indirect heating only. The performance data are valid for flow water at 80 °C, storage at 60 °C and DHW at 45/10 °C.

MULTI-ENERGY (SOLAR) STORAGE TANKS, FLOOR-STANDING MODELS

(POSSIBILITY TO ADD IMMERSION HEATER)



POSSIBILITY FOR
INTEGRATION IN
SOLAR SYSTEMS

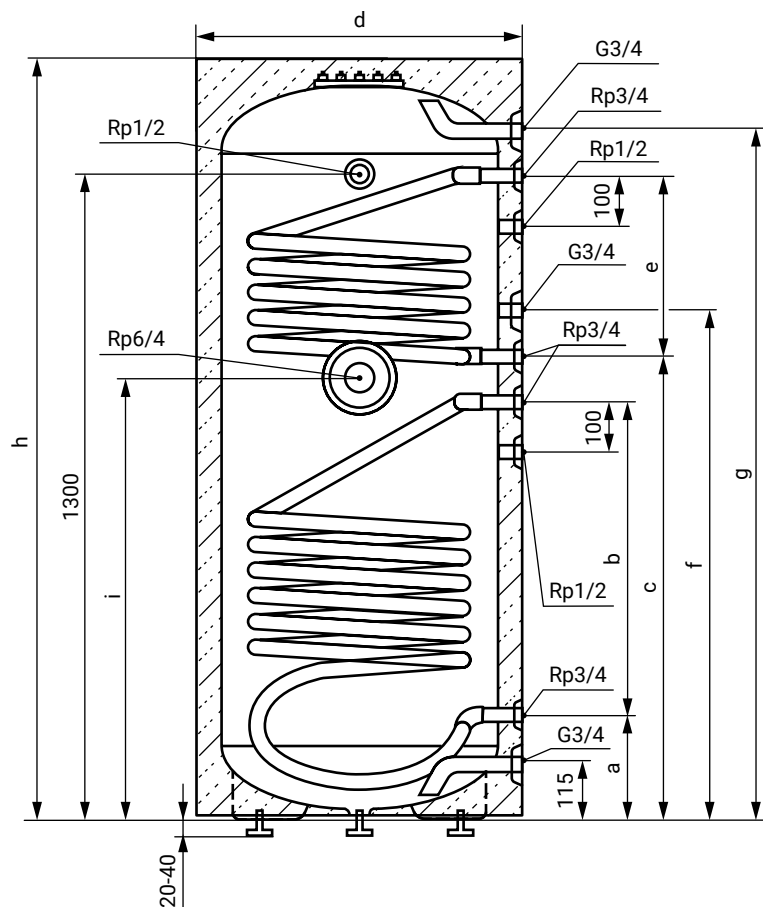


OPTIONAL AUXILIARY
ELECTRIC HEATING



CIRCULATION
PIPE BRANCH

AQ STA...C/C2



5 YEAR
WARRANTY

2 years full
5 year tank warranty

* The data apply for indirect heating only.
The performance data are valid for flow
water at 80 °C, storage at 60 °C and DHW
at 45/10 °C.

TYPE		AQ STA200C	AQ STA300C	AQ STA200C2	AQ STA300C2
Volume	[litre]	200	300	200	300
h	[mm]	1530	1535	1530	1535
d	[mm]	550	665	550	665
a	[mm]	220	210	220	210
b	[mm]	570	630	570	630
c	[mm]	880	930	880	930
e	[mm]	416	364	416	364
f	[mm]	975	1025	975	1025
g	[mm]	1403	1387	1403	1387
i	[mm]	840	890	840	890
Water connection		G3/4			
Rated operating pressure	[MPa]	0,6			
Heat exchanger surface	[m²]	0,8	1	0,8+0,615	1+0,7
Heat exchanger connection		Rp 3/4			
Heat exchanger flow resistance (max.)	[mbar]	80	90	80+65	90+70
Continuous power *	[litre/h]	590	770	590+440	770+500
Continuous power *	[kW]	24	31	24+18	31+20
Weight	[kg]	62	82	70	94
Heat loss	[W]	71	94	71	94
Energy efficiency class		C			
Part number of heating element		6297129754	6297129755	6297129754	6297129755



POSSIBILITY FOR
INTEGRATION IN
SOLAR SYSTEMS



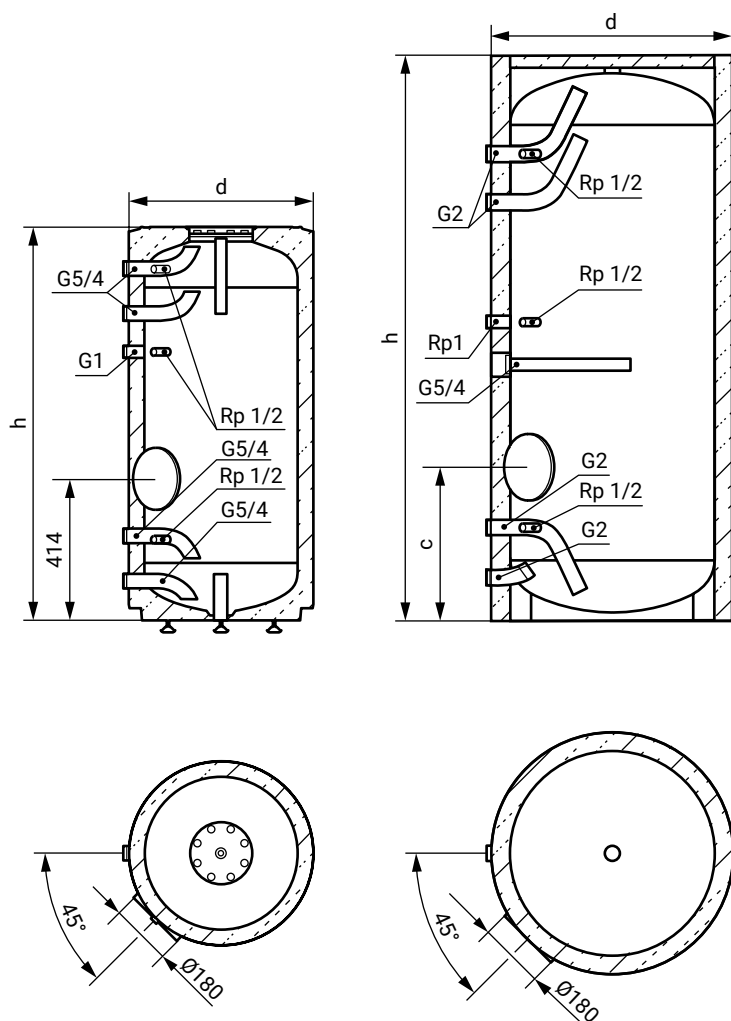
HEATING OPTION
FROM AN
EXTERNAL HEATER



LOW HEAT
LOSS

STORAGE TANKS (EMPTY) HEATED BY AN EXTERNAL HEAT EXCHANGER, FLOOR-STANDING MODELS

HD...



HD 200-300

HD 800-1000



10
YEAR
WARRANTY

2 years full
10 year tank warranty

TYPE		HD 200	HD 300	HD 400	HD 500	HD 800	HD 1000	HD 1500	HD 2000
Volume	[litre]	200	300	400	500	800	1000	1500	2000
Length (h)	[mm]	1530		1785	1806	2000	2350	2215	2130
Diameter (d)	[mm]	545	660	670	750	990		1000	1250
c	[mm]	414		442	465	478		525	591
Water connection		G5/4				G2		2"	
Rated operating pressure		[MPa]		1				0,8	
Circulation pipe connection		G1		Rp1				2"	
Thermometer pipe branch		Rp1/2				1/2"			
Regulator pipe branch		Rp1/2				-			
Weight	[kg]	80	111	121	164	182+29	250+33	300+50	430+52
Heat loss	[W]	83	94	102	113	-	-	-	-
Energy efficiency class		C				-	-	-	-
Part number of heating element		-		2419991100 2419991058 2419991048 2419991060	2419991100 2419991058 2419991048 2419991060 2419991049	2419991100 2419991058 2419991048 2419991060	2419991100 2419991058 2419991048 2419991049 2419991060	2419991055 2419991056 2419991057 2419991046 2419991047	



HEAT PUMP APPLIANCES

The heat pump unit of the heat pump water heater utilizes the thermal energy of the air to heat the water stored in the tank. Modern heat pumps operating with R290 refrigerant provide a highly efficient and environmentally friendly solution for domestic hot water production. These units are capable of generating multiple times more thermal energy and significantly reducing operating costs, with low electricity consumption.

R290 refrigerant offers excellent thermodynamic properties, ensuring high efficiency and stable operation with minimal environmental impact. Modern heat pump systems can operate efficiently across a wide range of outdoor temperatures, providing reliable year-round performance.

In case when the cooled air discharged during heat pump operation it can be also utilized for cooling of indoor spaces. So, it can be connected to the building's ventilation system, can also contribute to building ventilation. In addition to domestic hot water production, these units can therefore support air exchange, cooling, and dehumidification functions.

Air-to-water heat pumps provide a complete solution for creating or modernizing energy-efficient and environmentally friendly mechanical systems in both new and existing buildings. In monobloc heat pump water heater units, the heat pump and hydraulic components are integrated into a single compact housing, ensuring simple installation and reliable operation.



110%
WATER HEATING
EFFICIENCY



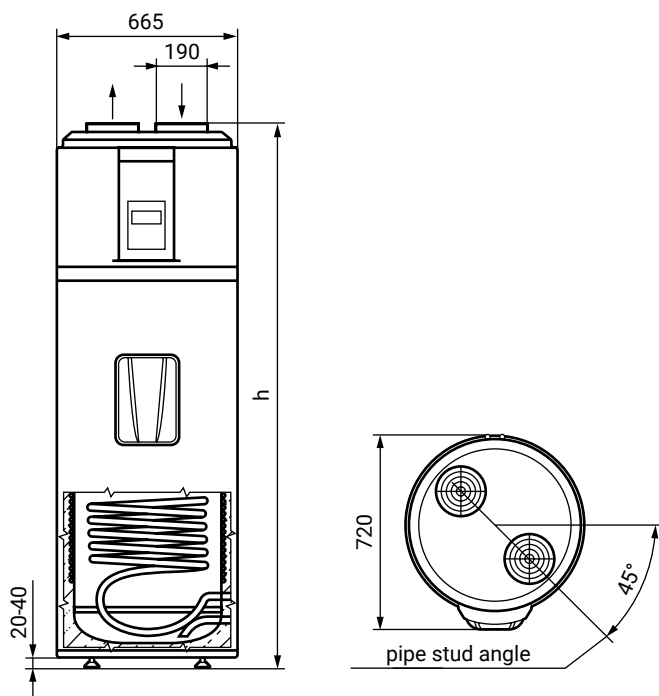
**POSSIBILITY FOR
INTEGRATION IN SOLAR
SYSTEMS**



**CORROSION
PROTECTION WITH
ACTIVE ANODES**

HEAT PUMP HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

HB...



TYPE		HB 200	HB 200C	HB 300	HB 300C	HB 300C1
Diameter/Length (h)/Depth	[mm]	661/1517/720		661/1950/720		
Voltage/frequency		L/N/PE 230V~ / 50Hz				
TANK						
Rated operating pressure	[MPa]	0,6				
Rated volume	[litre]	200	200	300	300	300
Water connection		G3/4				
Heat exchanger surface	[m²]	-	1,45	—	1,5	0,7
Corrosion protection		special enamel + Mg anode				
HEAT PUMP						
Type		air (indoor)				
Ventilation connector (inlet/outlet) [Ø mm]		190				
Condenser		safety heat exchanger				
Coolant/quantity		R134a / 1100 g				
Max. power consumption	[W]	1200				
Average Power Consumption	[W]	850				
Air flow	[m³/h]	~ 500				
Operating temperature range	[°C]	- 7– +43				
Max. water temperature	[°C]	60				
COP 7 °C (EN 16147)		2,43	2,48	2,15	2,44	2,45
COP 15 °C (EN 16147)		-	-	2,62	-	-
ELECTRICAL HEATING						
Nominal output	[W]	1800				
Max. water temperature	[°C]	65				
OTHER						
Electrical connection		fix				
Weight	[kg]	91	110	112	137	136
Maximum load profile		L	L	L	L	L
Energy efficiency class		A	A	A	A	A

Applies to the temperature of the air introduced to the heat pump.

8
YEAR
WARRANTY

2 years full
8 year tank warranty

HEAT PUMP HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS



WATER HEATING
EFFICIENCY



SMART GRID
READY



CORROSION
PROTECTION WITH
ACTIVE ANODES



HP-TOWER



HPT...



2 years full
8 year tank warranty

TYPE	HPT200	HPT200C	HPT300	HPT300C
Diameter/Height/Depth	667/1480/720		667/1810/720	
Voltage/frequency	L/N/PE 230V~ / 50Hz			
TANK				
Rated pressure	0,6			
Rated volume	200	200	300	300
Water connection	G3/4			
Exchanger surface	-	1,5	—	1,5
Heat insulation/thickness	freon free PUR insulation / 50 mm			
Corrosion protection	special enamel + Mg anode			
HEAT PUMP				
Type	air (indoor)			
Ventilation connector (inlet/outlet)	160			
Condenser	safety heat exchanger			
Coolant/quantity	1300g/R134a			
Max. power consumption	515			
Air flow	450			
Operating temperature range	- 7 – +38			
Water heating efficiency at 20°C conforming to EN 16147: 2017	139% (A+)		142% (A+)	
Water heating efficiency at 7°C conforming to EN 16147: 2017	121% (A)		128% (A)	
Noise power	With air duct: 52 dB(A); Without air duct: 58 dB(A)			
ELECTRICAL HEATING				
Nominal output	1800			
Max. water temperature	65			
OTHER				
Certificates	CE, CB, EHPA			
Weight	92	116	113	136
Maximum load profile	L	L	XL	XL
Energy efficiency class	A*	A*	A*	A*

* Applies to the temperature of the air introduced to the heat pump.

PRODUCT FEATURES

- Energy efficient: Energy class A+!
- Suitable also for indoor cooling
- Smart Grid Ready
- Outer metal housing with nanoceramic finish and titanium enamel coated inner tank surface
- Child lock, self-diagnostics
- Hidden electronic display
- Ergonomic design
- Simple, cheap installation
- Hidden air duct
- Hot-gas bypass defrosting
- Operation from solar cells
- Smart control pre-programmable for each day of one week

OPERATING MODES

- Only heat pump
- Heat pump or electric heating with automatic heat source selection
- Anti-legionella function at 65 °C (simultaneous heat pump and electric heating)
- Quick heat-up function (simultaneous heat pump and electric heating)
- Program
- Off peak
- Real time clock
- PV – operation from solar cells

SENSORS

- Water temperature sensor
- Evaporator temperature sensor
- Air temperature sensor
- High pressure switch
- Safety thermostat



with renewable energy!



AIR-TO-WATER HEAT PUMP



SILENT

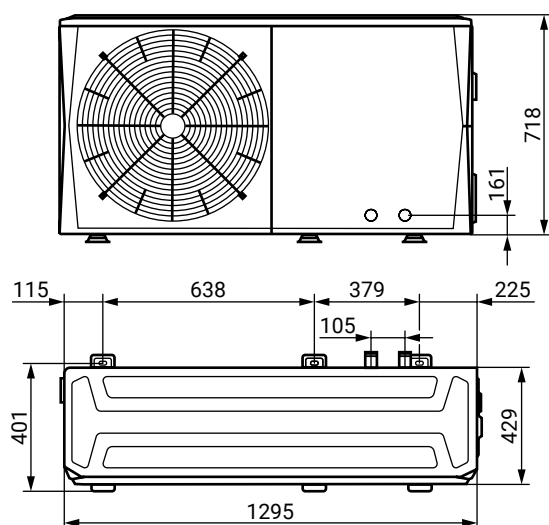


HIGH TEMPERATURE
HEATING WATER



IT WORKS EVEN
IN COLD AMBIENT
TEMPERATURE

HPAW-4/6 kW



hajdu

HPAW



ENVIRONMENTALLY
FRIENDLY

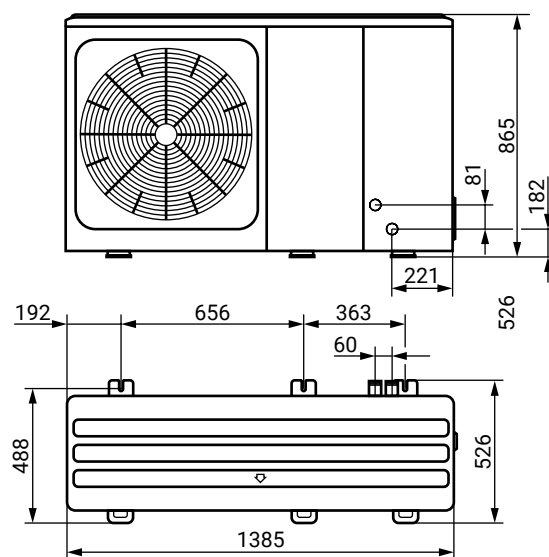
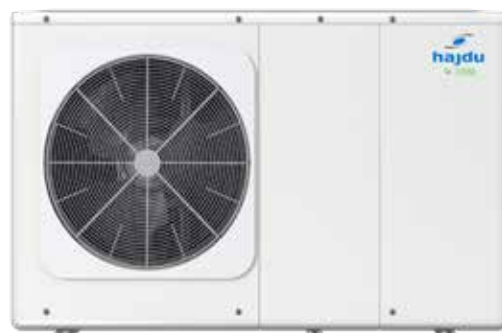


SUPPLEMENTAL
ELECTRIC HEATING

5
YEAR
WARRANTY

3 years full
5 year compressor
warranty

HPAW-8/10/12/14/16 kW



TYPE			HPAW-4 NE	HPAW-6 NE	HPAW-8 NE	HPAW-10 NE	HPAW-12 3N	HPAW-14 3N	HPAW-16 3N	
Voltage/Phase/Frequency			V/PH/Hz		230/1/50			400/3/50		
Heating ²	Capacity	kW	4,30	6,30	8,10	10,00	12,30	14,10	16,00	
	Rated input	kW	1,13	1,70	2,10	2,67	3,32	3,92	4,57	
	COP		3,80	3,70	3,85	3,75	3,70	3,60	3,50	
Seasonal space heating energy efficiency class ⁶	Leaving water temperature 35°C	class	A+++							
	Leaving water temperature 55°C	class	A++							
Sound power level ⁷		dB	55	58	59	60	65	65	68	
Unit dimensions (W×H×D)		mm	1295x718x429			1385x865x526				
Outdoor air temperature range	Cooling	°C	-5 – +43							
	Heating	°C	-25 – +35							
	DHW	°C	-25 – +43							
Supplemental electric heating	Optional, can be ordered		TYPE: BH30B				TYPE: BH90B/R			
Leaving water temperature range	Cooling	°C	+5 – +25							
	Heating	°C	+25 – +65							
	DHW (tank)	°C	+30 – +60							

² Outside air 7°C, 85% R.H., heating water in/out 40/45°C

⁶ Seasonal space heating energy efficiency class tests with average climate and normal conditions.

⁷ Testing standard: EN12102-1.

⁸ Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02:2014.

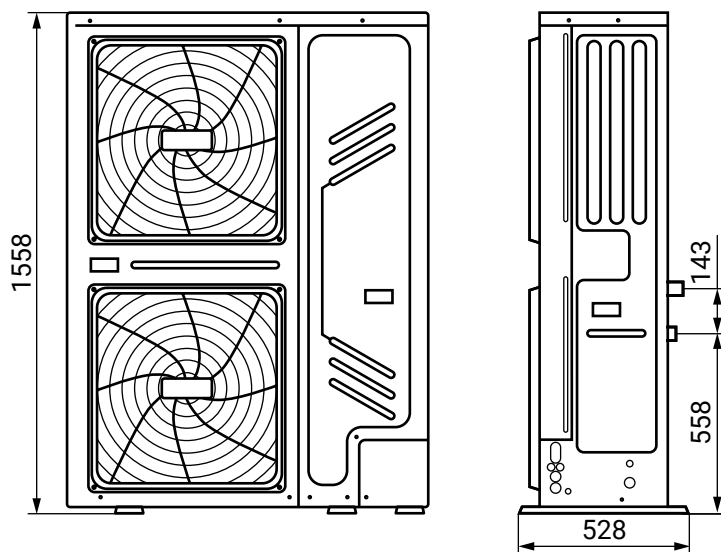
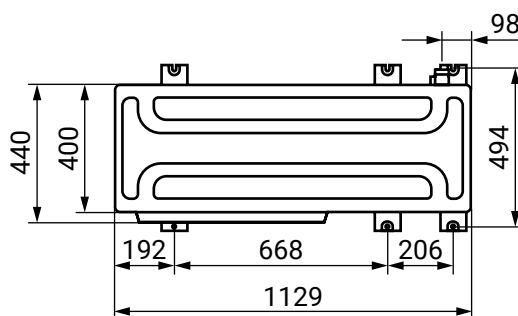


SILENT

HIGH TEMPERATURE
HEATING WATERIT WORKS EVEN
IN COLD AMBIENT
TEMPERATURE

AIR-TO-WATER HEAT PUMP

HPAW-18/22/26/30 kW

SUPPLEMENTAL
ELECTRIC HEATING3 years full
5 year compressor
warrantyhajdu
HPAW

TYPE			HPAW-18 3N	HPAW-22 3N	HPAW-26 3N	HPAW-30 3N
Voltage/Phase/Frequency			V/PH/Hz 380-415/3/50			
Heating ²	Capacity	kW	18,00	22,00	26,00	30,00
	Rated input	kW	5,17	6,47	8,39	10,35
	COP		3,50	3,40	3,10	2,90
Seasonal space heating energy efficiency class ⁶	Leaving water temperature 35°C	class	A+++			A++
	Leaving water temperature 55°C	class	A++			A+
Sound power level ⁷		dB	71	73	75	77
Unit dimensions (W×H×D)		mm	1129x1558x440			
Outdoor air temperature range	Cooling	°C	-5 – +46			
	Heating	°C	-25 – +35			
	DHW	°C	-25 – +43			
Supplemental electric heating	Optional, can be ordered		TYPE: BH90B/R			
Leaving water temperature range	Cooling	°C	+5 – +25			
	Heating	°C	+25 – +60			
	DHW (tank)	°C	+25 – +60			

² Outside air 7°C, 85% R.H., heating water in/out 40/45°C⁶ Seasonal space heating energy efficiency class tests with average climate and normal conditions.⁷ Testing standard: EN12102-1.⁸ Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02:2014.

AIR-TO-WATER HEATING/COOLING PROPANE HEAT PUMPS



ENVIRON-
MENTALLY
FRIENDLY



HIGH TEMPERATURE
HEATING WATER

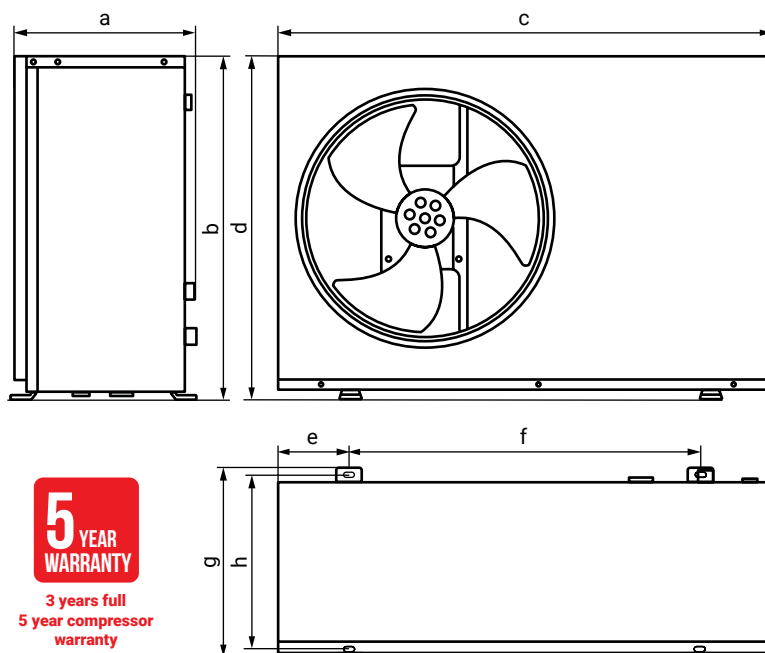


IT WORKS EVEN
IN COLD AMBIENT
TEMPERATURE

hajdu
HPU



HPU 4-9



5 YEAR
WARRANTY

3 years full
5 year compressor
warranty

TYPE			HPU 4	HPU 7	HPU 9
a		mm	422	478	
b		mm	803	854	
c		mm	1155	1223	
d		mm	781	833	
e		mm	170	193	
f		mm	849	902	
g		mm	448	493	
h		mm	404	446	
Voltage/Phase/Frequency		V/PH/Hz	220-240/1/50		
Heating ¹	Capacity	kW	4,00	7,10	9,00
	Rated input	kW	1,08	1,92	2,43
	COP		3,70	3,68	3,70
Seasonal space heating energy efficiency class ²	Leaving water temperature 35 °C	class	A+++		
	Leaving water temperature 55 °C	class	A+++		
Sound power level		dB	53	54	56
Unit dimensions (W×H×D)		mm	1155×803×448	1223×854×493	
Operating range – water side	Cooling	°C	-5 ~ 25		
	Heating	°C	-25 ~ 75		
Operating range – air side	Cooling	°C	-5 - 43		
	Heating	°C	-25 - 43		
	DHW (tank)	°C	-25 - 43		

¹ Outside air 7°C, 85% R.H., heating water in/out 40/45°C

² Tests related to the seasonal space heating efficiency class were carried out under average climatic conditions (see Regulation (EU) No 811/2013), in compliance with the relevant standards.

Testing standard: EN12102-1; EN14511; EN14825; EN50564;



ENVIRON-
MENTALLY
FRIENDLY



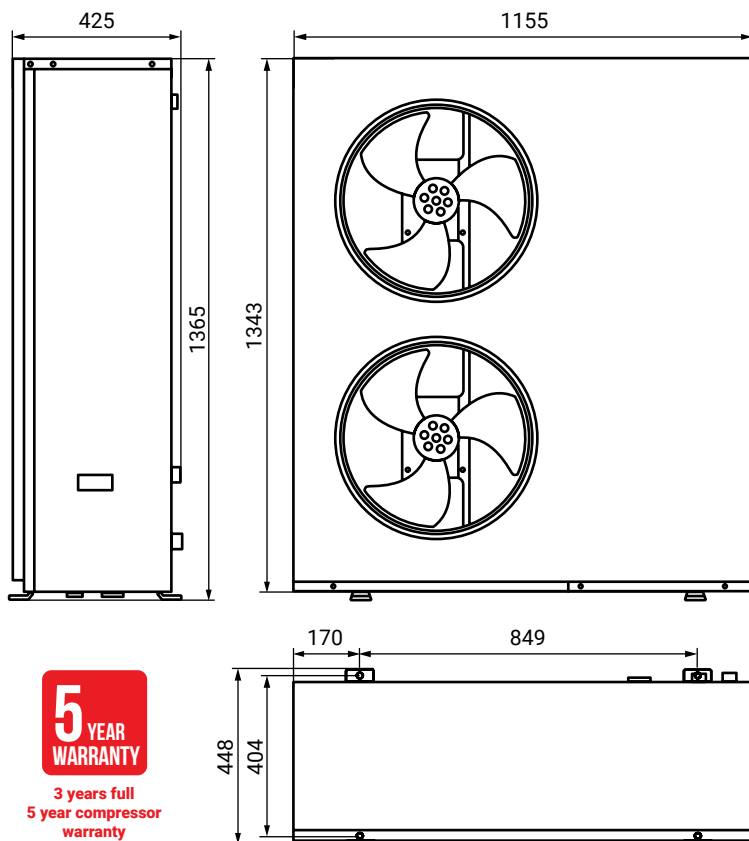
HIGH TEMPERATURE
HEATING WATER



IT WORKS EVEN
IN COLD AMBIENT
TEMPERATURE

AIR-TO-WATER HEATING/COOLING PROPANE HEAT PUMPS


hajdu
HPU



5
YEAR
WARRANTY

3 years full
5 year compressor
warranty



HPU 12-16

TYPE			HPU 12	HPU 16	HPU 12 3N	HPU 16 3N
Voltage/Phase/Frequency			220-240/1/50		380-415/3/50	
Heating ¹	Capacity	kW	12,10	15,80	12,10	15,80
	Rated input	kW	3,15	4,29	3,15	4,29
	COP		3,83	3,68	3,83	3,68
Seasonal space heating energy efficiency class ²	Leaving water temperature 35 °C	class	A+++			
	Leaving water temperature 55 °C	class	A+++	A++	A+++	A++
Sound power level		dB	59	63	59	63
Unit dimensions (W×H×D)		mm	1155x1365x448			
Operating range – water side	Cooling	°C	-5 ~ 25			
	Heating	°C	-25 ~ 75			
Operating range – air side	Cooling	°C	-5 - 43			
	Heating	°C	-25 - 43			
	DHW (tank)	°C	-25 - 43			

¹ Outside air 7°C, 85% R.H., heating water in/out 40/45°C

² Tests related to the seasonal space heating efficiency class were carried out under average climatic conditions (see Regulation (EU) No 811/2013), in compliance with the relevant standards.

Testing standard: EN12102-1; EN14511; EN14825; EN50564;





ELECTRIC OPEN OUTLET WATER HEATERS

HAJDU free outflow (open system) **electric water heaters** are suitable for applications that require less water (kitchen sink, handwashing facility). The appliances can only supply one water withdrawal location, and be operated reliably using the faucet provided by the manufacturer. **It is forbidden to use a faucet with shower or brush head.** The stored hot water is suitable for both sanitary and eating purposes. The small-footprint appliances can be mounted on the wall vertically only, either above or under the basin, sink or kitchen counter. The external casing of water heaters is made of high gloss white, high-strength plastic. The desired water temperature can be set using a knob.

OPEN OUTLET WATER HEATERS SUPPLYING ONE WATER WITHDRAWING LOCATION



FAST WATER HEAT-UP,
HOT WATER IN AS
SHORT AS 10 MINUTES



ADJUSTABLE
WATER
TEMPERATURE



FAUCET
INCLUDED

AQ 5 F



4 YEAR
WARRANTY

1 years full
4 year tank warranty

AQ 5 A



MC5



5 YEAR
WARRANTY

2 years full
5 year tank warranty

MCA5



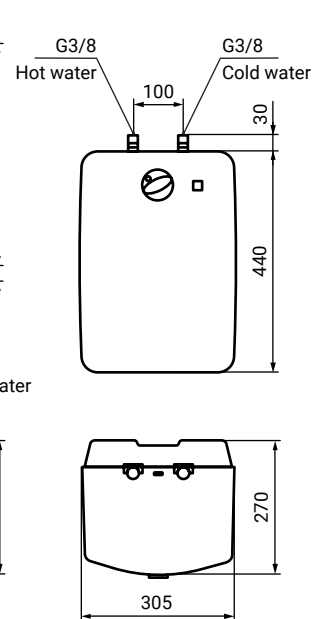
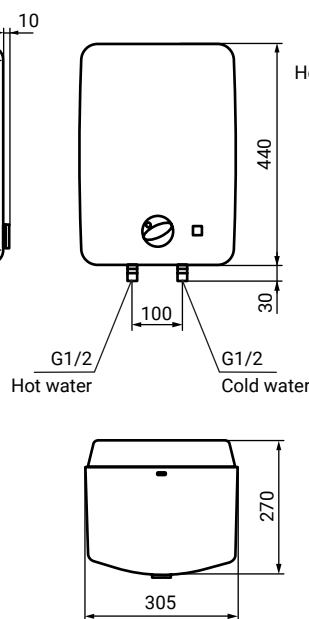
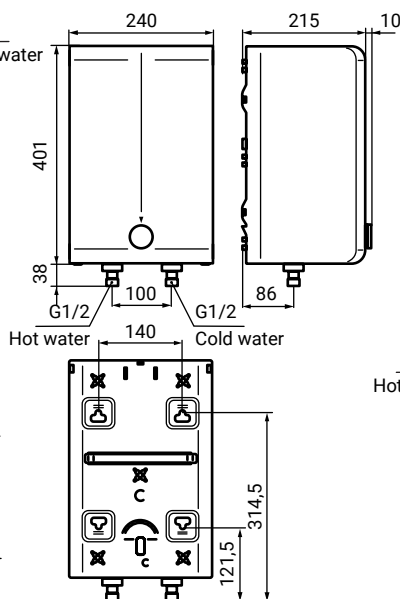
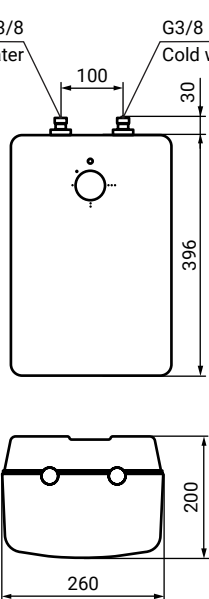
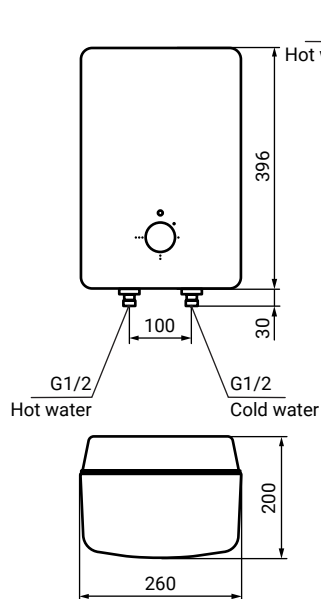
FT10



5 YEAR
WARRANTY

2 years full
5 year tank warranty

FTA10



TYPE		AQ 5 F (above-sink)	AQ 5 A (under-sink)	MC5 (above-sink)	MCA5 (under-sink)	FT10 (above-sink)	FTA10 (under-sink)
Volume	[litre]	5		5		10	
Length	[mm]	396		401		470	
Width	[mm]	260		240		305	
Depth	[mm]	200		215		270	
Water connection		G1/2	G3/8	G1/2	G3/8	G1/2	G3/8
Rated operating pressure	[MPa]	0					
Electric power	[kW]	1,5		2		1,5	
Heat-up time from 15°C to 65°C	[minute]	14		11		20	
Weight	[kg]	3,5		3,6		5	
Hot water temperature	[°C]	adjustable, max. 80		adjustable, max. 75		adjustable, max. 80	
Maximum load profile		XXS		XXS		S	
Energy efficiency class		A		A		C	

• **Accessories:**
faucet, connection
pipe

CERTIFIED by OFI
ZI 21 | No. 0770

ofi

* The certificate
applies to 5 liter
devices.

BUFFER STORAGE TANKS

The energy store for buffer storage heating systems. Buffer storage tanks compensate for the differences between the times when energy is generated and when there is an actual energy demand, thereby ensuring efficient heating energy use.

The **PT...CF** models include an internal heat exchanger for the direct connection of heat generator equipment, and a flexible stainless steel heat exchanger for domestic hot water production.

The **AQ PT** are available both without, and with single or double heat exchanger. The double heat exchanger versions allow greater flexibility when used with heat generator equipment.

The storage tanks have thermal insulation, which can be installed on site for volumes of at least 500 litres. This solution makes it easier to transport and install the tanks.

The PT HC models serve as the energy storage for heating and cooling systems. They are recommended primarily for heat pump systems.



HEATING BUFFER STORAGE TANKS

PT...



3 YEAR WARRANTY
3 years full



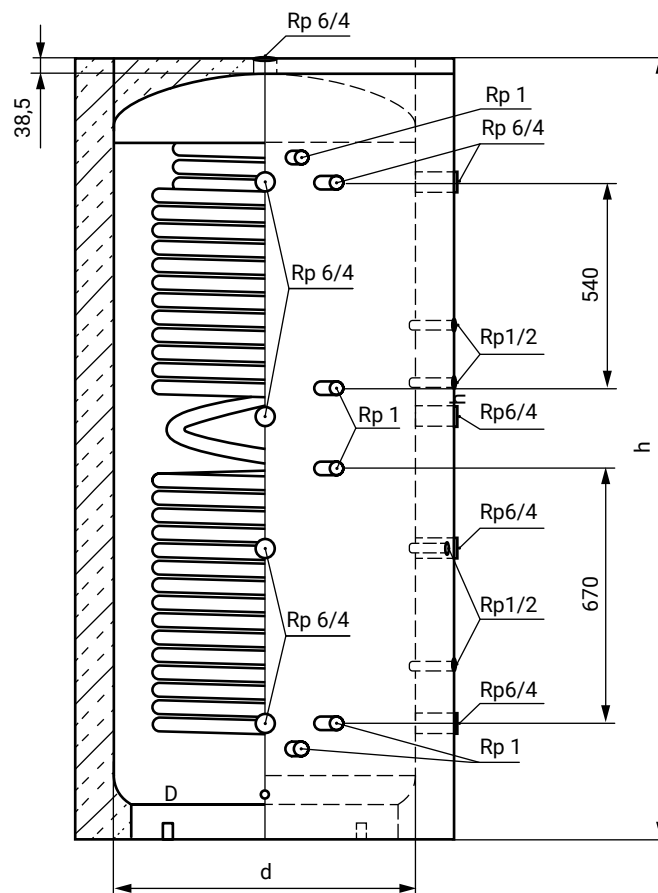
HEAT STORAGE FOR
HOT WATER BASED
CLOSED OR OPEN
HEATING SYSTEMS



WITH DRAIN
STUB



POSSIBILITY FOR
INTEGRATION IN SOLAR
SYSTEMS



• Supplied with insulation.

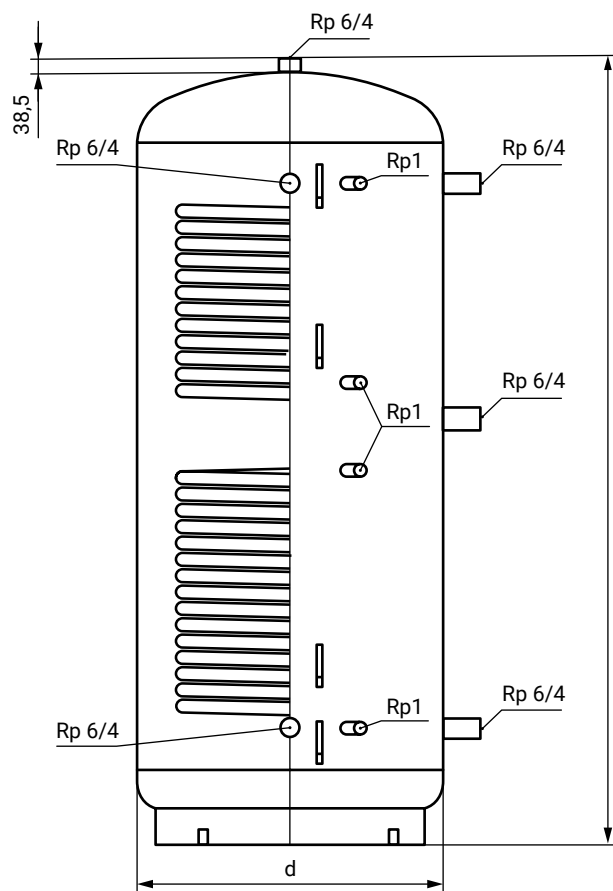
TYPE	PT 300	PT 300 C	PT 500 CF.2	PT 500 C2F.2	PT 500 C2.2	PT 500 C.2	PT 500.2	PT 750 CF.2	PT 750 C2F.2	PT 750 C2.2	PT 750 C.2	PT 750.2	PT 1000 CF.2	PT 1000 C2F.2	PT 1000 C2.2	PT 1000 C.2	PT 1000.2
Rated volume [litre]	300				500					750						1000	
Height (h) [mm]	1535				1636					1668						2048	
Tilt height [mm]	-				1670					1730						2090	
Diameter (without insulation) d [mm]	-				650							792					
Diameter (with insulation) [mm]	660				870							1012					
Maximum operating pressure																	
- tank [MPa]	0,6									0,3							
- bottom heat exchanger [MPa]	-			0,6			-		0,6		-			0,6			-
- top heat exchanger [MPa]	-		-		0,6	-		-	0,6		-		-	0,6			-
- Stainless steel heat exchanger [MPa]	-		1			-		1		-			1			-	
Water connection	Rp 6/4																
Electric heating element connection	Rp 6/4																
Sensor connections	Rp 1/2																
Heat exchanger connections	-	Rp3/4									Rp 1						
Surface of bottom heat exchanger [m ²]	-	1,5			2,34		-		2,74		-			3,13			-
Surface of top heat exchanger [m ²]		-			1		-		1,7		-			2,3			-
Stainless steel heat exchanger [m ²]		-		5			-		6		-			7,5			-
Weight (with insulation) [kg]	78	89	122	147	120	105	69	155	187	160	132	90	180	217	189	153	105
Heat loss [W]	86				77												
Energy efficiency class	C				B												
Part number of heating element	6297129755							2419991046; 2419991047									



HEAT STORAGE FOR
HOT WATER BASED
CLOSED OR OPEN
HEATING SYSTEMS



POSSIBILITY FOR
INTEGRATION IN SOLAR
SYSTEMS



3 YEAR
WARRANTY

3 years full

• The tank is supplied
without insulation.

AQ PT... ErP



AQ PT... ErP



TYPE		AQ PT 500 ErP	AQ PT 750 ErP	AQ PT 1000 ErP	AQ PT 1500 ErP	AQ PT 2000 ErP	AQ PT 500C ErP	AQ PT 750C ErP	AQ PT 1000C ErP	AQ PT 1500C ErP	AQ PT 2000C ErP	AQ PT 500C2 ErP	AQ PT 750C2 ErP	AQ PT 1000C2 ErP	AQ PT 1500C2 ErP	AQ PT 2000C2 ErP	
Rated volume	[litre]	500	750	1000	1500	2000	500	750	1000	1500	2000	500	750	1000	1500	2000	
Height (with insulation) h	[mm]	1670	1860	2047	2190	2185	1670	1860	2047	2190	2185	1670	1860	2047	2190	2185	
Tilt height	[mm]	1700	1896	2080	2240	2275	1700	1896	2080	2240	2275	1700	1896	2080	2240	2275	
Diameter (without insulation) d	[mm]	650	790		1000	1150	650	790		1000	1150	650	790		1000	1150	
Diameter (with insulation)	[mm]	850	990		1200	1350	850	990		1200	1350	850	990		1200	1350	
Maximum operating pressure																	
– tank	[MPa]	0,3															
– bottom heat exchanger	[MPa]	–					0,6										
– top heat exchanger	[MPa]	–										0,6					
Water connection		Rp6/4															
Electric heating element connection		Rp6/4															
Temperature sensor		D14 outer pocket tube															
Heat exchanger connections		–					Rp1										
Surface of bottom heat exchanger	[m²]	–					1,7	2,9	3,1	3,6	4,2	1,7	2,9	3,1	3,6	4,2	
Surface of top heat exchanger	[m²]	–										1	1,8	2,3	2,4	2,8	
Weight (without insulation)	[kg]	66	90	101	182	211	92	126	150	233	274	103	154	187	266	329	
Heat loss	[W]	114	–				114	–				114	–				
Energy efficiency class		C	–				C	–				C	–				
Part number of heating element		6297129755; 2419991056; 2419991057; 2419991046															

HEATING-COOLING BUFFER STORAGE TANKS

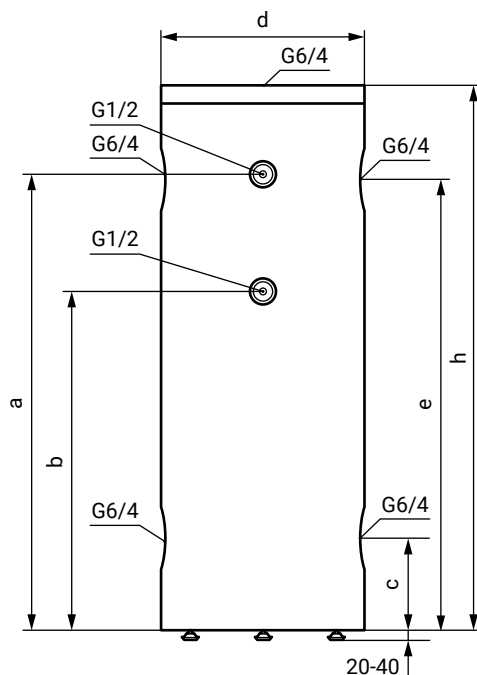


OPTIONAL
INTEGRATION INTO
A COOLING SYSTEM



EXCELLENT CLOSED
CELL INSULATION

PT HC...

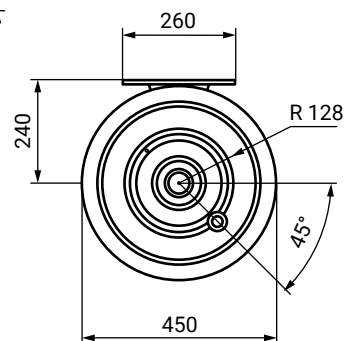
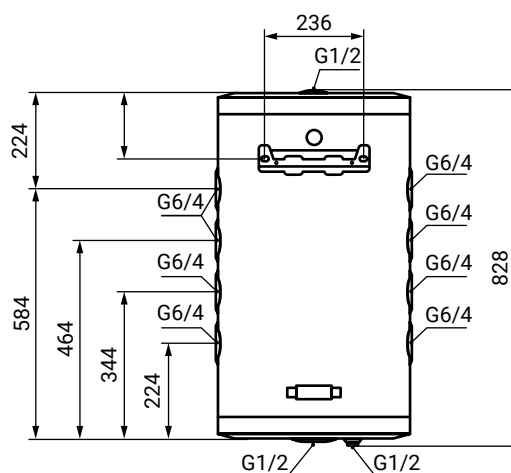


TYPE		PT HC 100	PT HC 200
Volume	[litre]	100	200
h (Height)	[mm]	874	1474
d (Diameter)	[mm]	546	
b	[mm]	433	913
c		247	
e		614	1214
a		628	1228
Water connection		G6/4	
Rated operating pressure [MPa]		0,3	
Connection of heat sensor		G1/2	
Weight	[kg]	28	40
Heat loss	[W]	39	65
Energy efficiency class		B	C

PT HC...F

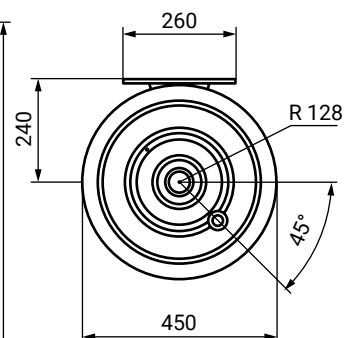
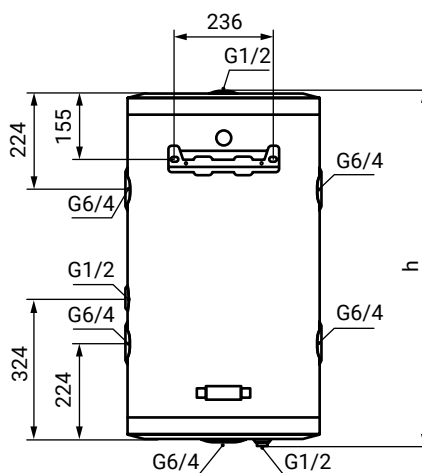


PT HC 60 F (4+4 connections)



3 YEAR
WARRANTY
3 years full

PT HC...F (2+2 connections)



TYPE		PT HC 60F	PT HC 80F	PT HC 100F	PT HC 60F 4+4
Volume	[litre]	60	80	100	60
h (Height)	[mm]	828	960	1111	828
d (Diameter)	[mm]	450			
Water connection		G6/4			
Max. operating pressure [MPa]		0,3			
Connection of heat sensor		G1/2			
Weight	[kg]	22	27	28	23
Heat loss	[W]	42	39	40	42
Energy efficiency class		B	B	B	B



GAS-FIRED APPLIANCES

Gas-fired storage water heaters are available in two designs: chimney vented and non chimney vented. They are wall-mounted, closed system appliances that can supply multiple water withdrawal locations and faucets with shower. The desired water temperature can be set using a knob. Non chimney vented models have the ODS (Oxygen Depletion Sensor) safety device, i.e. the appliance will turn off before the oxygen content of air decreases to a level constituting health hazard.

HAJDU **condensation gas boilers** offer an all-round solution for setting up heating and hot water systems. Moreover, they are perfectly suitable for integration in solar systems. These are wall-mounted. A specially designed heat exchanger makes enables the production of heat and hot water independently from each other. The heat exchanger is made of aluminium and copper, which ensures a long service life. The application of the most advanced condensation technique results in the highest operational efficiency in this category, while also making the boiler environment-friendly. Since the appliance has neither a sequence valve nor a lamella heat exchanger, it does not require maintenance or replacement of these components either. They are compact appliance with small-footprint, easy and convenient to use, and they require minimum maintenance.

The control of the boiler allows the setting of three types of water heater functions, as needed (conventional – ON/OFF, Comfort – preheated heat exchanger, and ECO – self-learning).

These boilers can be connected to an indirect storage unit. They feature a highly energy-efficient modulation pump. The built-in RF module enables wireless remote control of the boilers via the use of a wireless radio frequency room thermostat. Accurate modulation and the special heat exchanger enable the boiler to function according to the customer's specific needs, whereby they can operate with high water-side efficiency in both heating and water heating mode. While normally running on natural gas (G20), they can be transformed to run on propane (G31).

The appliances are available in versions with maximum heating power of 18, 23, 26, 28, 32 and 41 kW. For higher power requirements, cascading can be applied. The control electronics of the boilers have a built-in weather-aware regulator that enables optimal heating via the connection of an optional external temperature sensor. The boilers can be ordered with a radio frequency room thermostat, HAJDU flue gas deflectors, mounting brackets, as well as a closed expansion tank with safety valve.

GAS-FIRED HOT WATER STORAGE TANKS, CHIMNEY VENTED AND NON CHIMNEY VENTED DESIGN



CAPABLE OF SUPPLYING
MULTIPLE WATER
OUTLETS



ENERGY CLASS
„A”



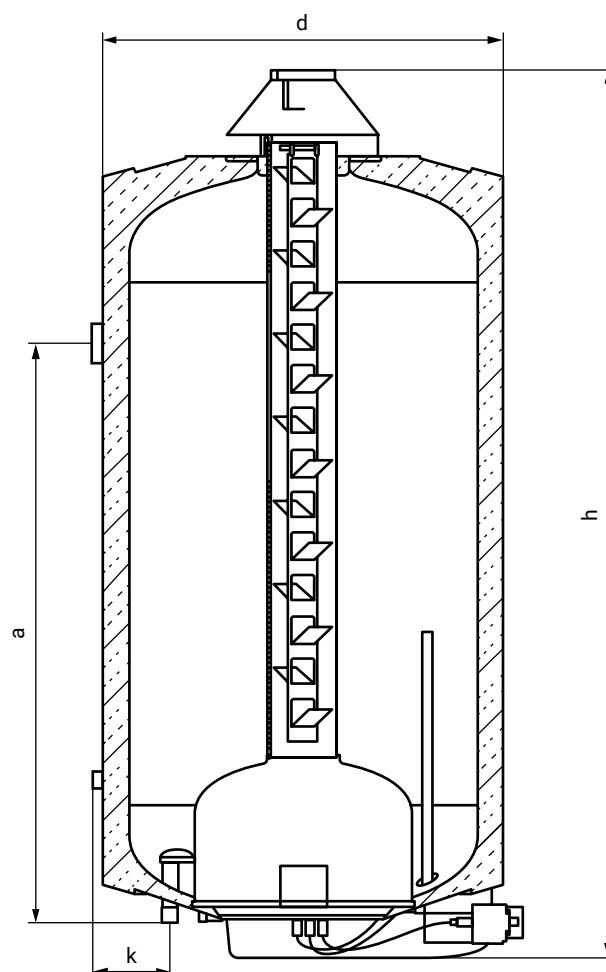
FAST
HEAT-UP

GB...



7 YEAR
WARRANTY

2 years full
7 year tank warranty



TYPE		CHIMNEY VENTED			NON CHIMNEY VENTED	
		GB80.1	GB120.1	GB150.1	GB80.2	GB120.2
Volume	[litre]	80	120	150	80	120
h	[mm]	877	1152	1352	859	1124
d	[mm]	515				
a	[mm]	500	750	1015	500	750
k	[mm]	100				
Flue gas deflection Ø	[mm]	80			-	
Water connection		G1/2				
Rated operating pressure	[MPa]	0,6				
Heating capacity for H-gas	[kW]	5,3	5,6	6,3	2	
Heating capacity for S-gas	[kW]	4,6	4,8	5,7	2	
Efficiency	[%]	93	95	94	93	
Heat-up time from 15°C to 65°C	[hour, minute]	0,76	1,08	1,35	2,02	3,03
Gas consumption	[m³/h]	0,56	0,59	0,67	0,21	
Net weight	[kg]	34	44	52	35	45
Hot water temperature	[°C]	adjustable, max. 80				
Flame supervision		thermoelectric				
Maximum load profile		M	L	L	M	L
Energy efficiency class		A	A	A	A	A



0% HEAT
EXCHANGER
FAILURE



TRIPLE
MODULATION



HAJDU
FLUE GAS
DEFLECTOR



C63
CERTIFICATE

CONDENSING GAS BOILERS

HGK AND HGK SMART



6 YEAR
WARRANTY

2 years full
6 year heat exchanger leakage



TYPE	HGK-24	HGK-28	HGK-36	HGK-47	HGK Smart 24	HGK Smart 28	HGK Smart 36
------	--------	--------	--------	--------	--------------	--------------	--------------

DOMESTIC HOT WATER (DHW)

Nominal output	[kW]	5,6 - 22,1	7,1 - 28,0	7,2 - 32,7	7,2 - 32,7	5,5 - 23,3	7,2 - 29,1	7,5 - 32,7
DHW threshold	[l/min]	2				1,5		
DHW flow at 60 °C	[l/min]	6	7,5	9		6	7,5	9
DHW flow at 40°C	[l/min]	10	12,5	15		10	12,5	15
DHW temperature	[°C]	60						
DHW supply time	[sec]	<1						
Water heater efficiency	[%]	83	85		87	84	87	

HEATING

Nominal output 80/60°C	[kW]	5,4 - 17,8	6,9 - 22,8	7,1 - 26,3	7,7 - 40,9	5,5 - 22,7	7,2 - 28,4	7,5 - 32,1
Nominal output 50/30°C	[kW]	5,9 - 18,5	7,6 - 23,4	7,8 - 27,1	8,5 - 42,2	5,9 - 23,3	7,7 - 29,1	8,2 - 32,7
Max. heating water pressure	[MPa]	0,3						
Max. heating water temperature	[°C]	90						
Gas consumption (G20)	[m³/h]	0,59 - 2,30	0,75 - 2,90	0,75 - 3,40	0,8 - 4,41	0,59 - 2,30	0,75 - 2,90	0,75 - 3,40
Seasonal room heating efficiency	[%]	93			92	93		94

ELECTRICAL DATA

Rated voltage	[V]	230		
Protection	[IP]	IP44		
Energy consumption at full load	[Wh]	80	135	80
Energy consumption in standby mode	[Wh]	2		

BOILER DIMENSIONS AND WEIGHT

Height	[mm]	590	650	710		590	650	710
Width	[mm]	450						
Depth	[mm]	240						
Weight	[kg]	30	33	36		30	33	36

ENERGY EFFICIENCY

Maximum load profile		L	XL	XL	XL	L	XL	XL
Energy efficiency class (heating)		A	A	A	A	A	A	A
Energy efficiency class (water heating)		A	A	A	A	A	A	A



ELECTRIC BOILER

The HAJDU electric boiler is suitable for producing heating water, and—when used in combination with a diverter valve and an indirect hot water tank—for domestic hot water production as well.

During operation, domestic hot water production has priority over space heating. The heating and domestic hot water functions can be limited during installation by the technician. The permitted operating modes (heating / domestic hot water production) can later be restricted or re-enabled by the user.


hajdu

with renewable energy!



FOR HEATING
AND DHW
PRODUCTION

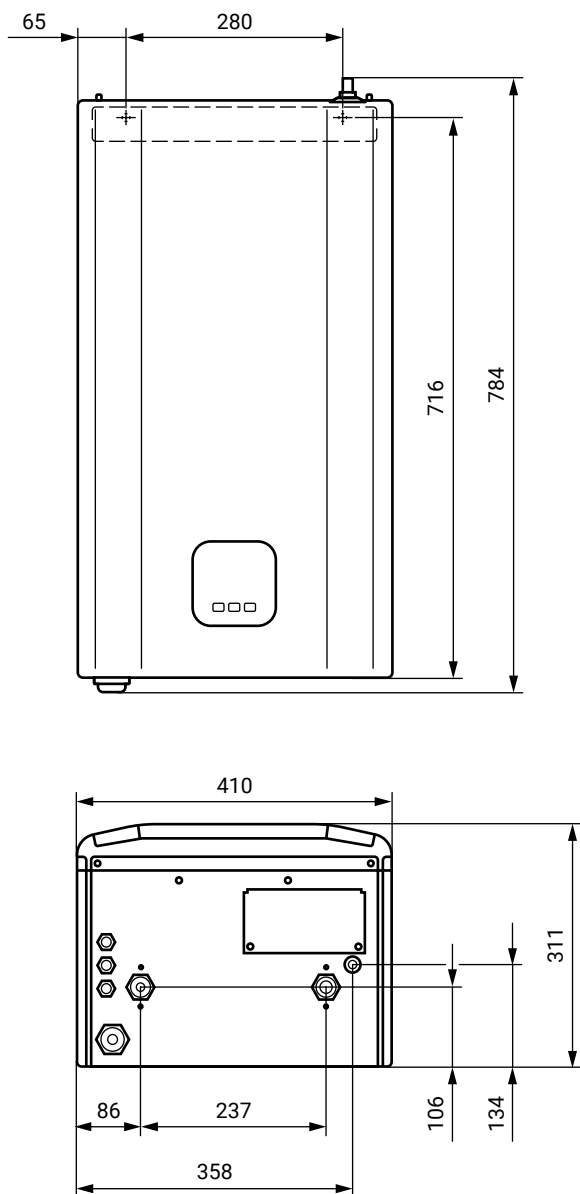


WIDE-RANGE
POWER
MODULATION



ANTI-BLOCKING
PROTECTION
FOR THE PUMP

HEK...



5 YEAR
WARRANTY

3 years full
5 year tank warranty

TYPE		HEK-6	HEK-9	HEK-12	HEK-14	HEK-18	HEK-21	HEK-24	HEK-28
Length	[mm]	784							
Width	[mm]	410							
Depth	[mm]	311							
Max. heating water pressure	[MPa]	0,3							
Water connection		G3/4							
Rated voltage		~230V, ~3x400V		~3x400V					
Rated power	[kW]	6	9	12	14	18	21	24	28
Power modulation step	[kW]	2	3	2	2,33	3	2,33	2	2,33
Weight	[kg]	32	32	32	32	33	34	36	36
IP rating	[IP]	IP20							
Energy efficiency class		D	D	D	D	D	D	D	D



RENEWABLE
ENERGY

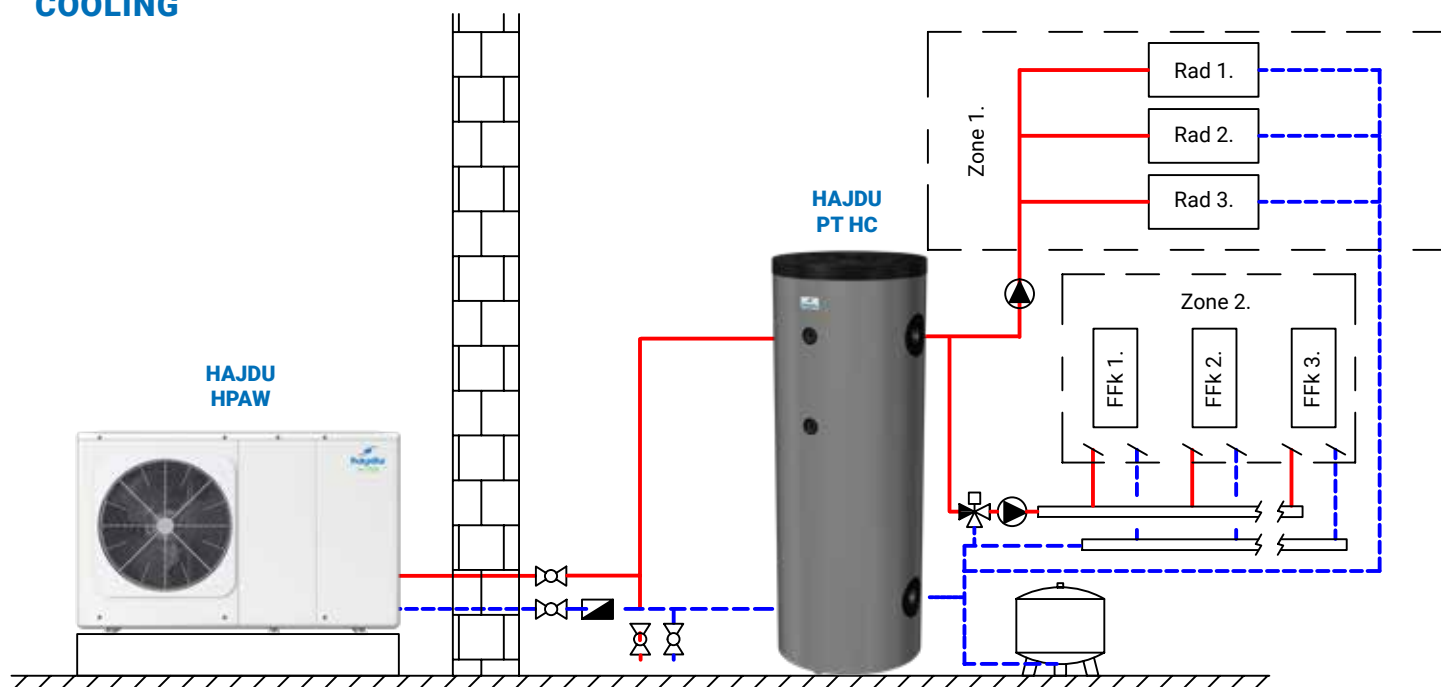


ENERGY
SAVING

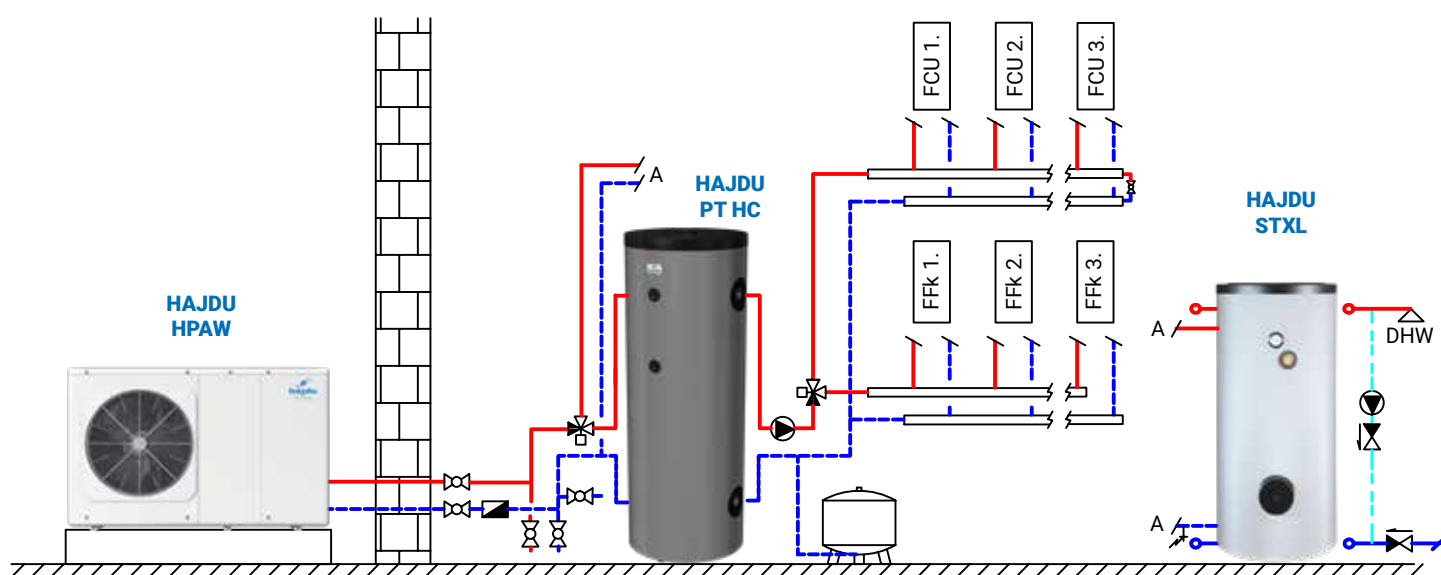


CAN BE CONTROLLED
FROM MOBILE

HEAT PUMP FOR HEATING AND COOLING



HEAT PUMP FOR HEATING, COOLING AND HOT WATER





RENEWABLE
ENERGY

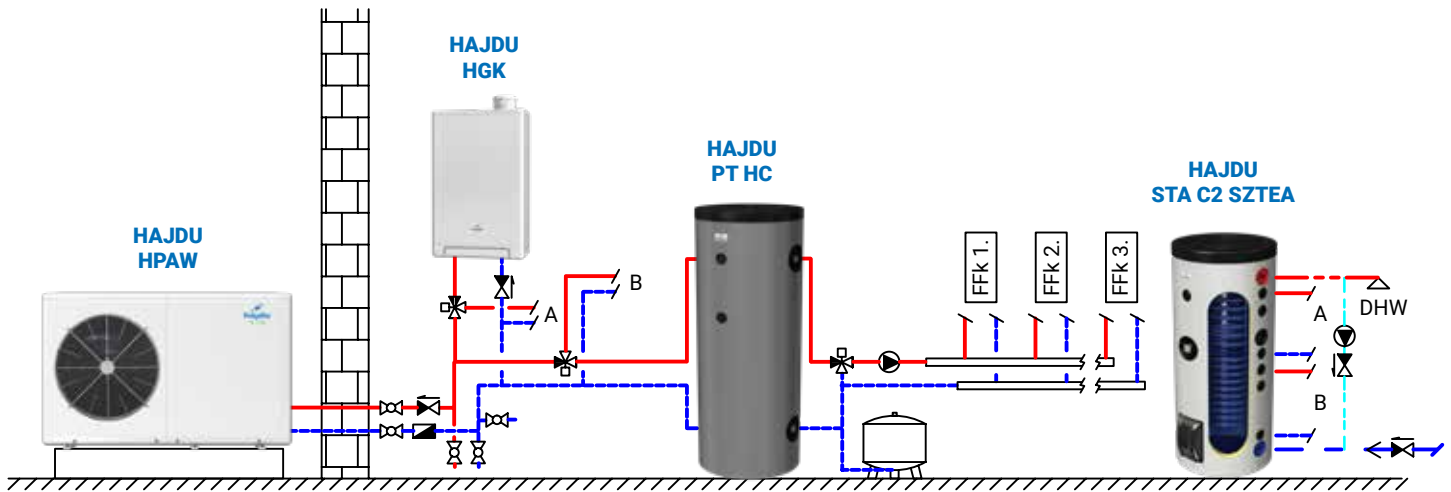


ENERGY
SAVING

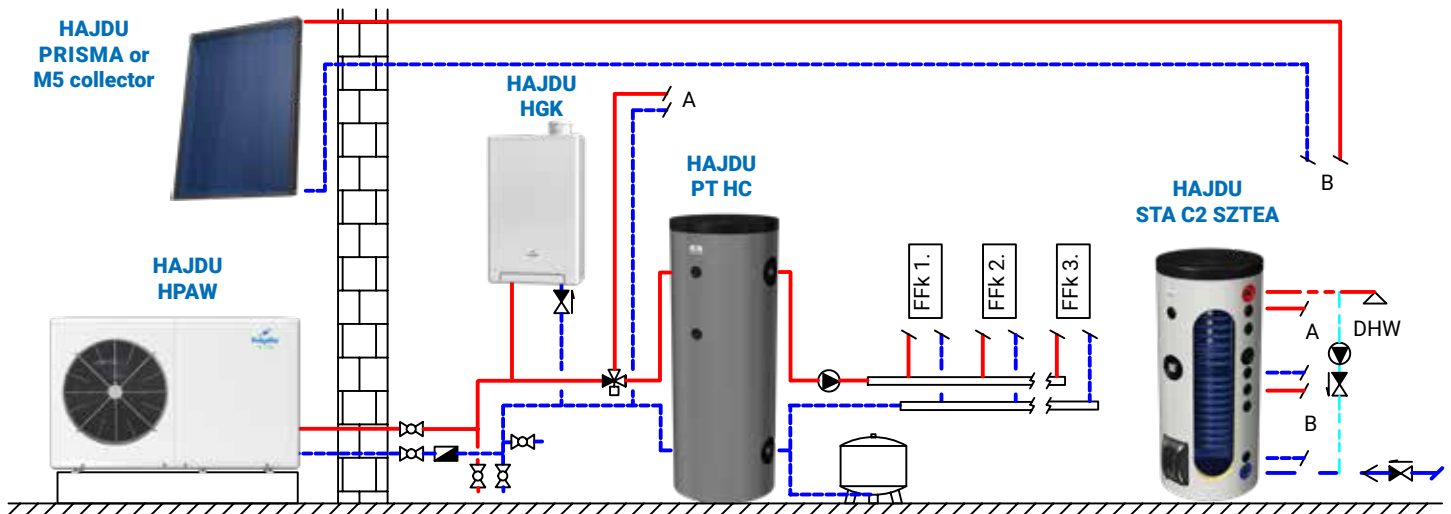


CAN BE CONTROLLED
FROM MOBILE

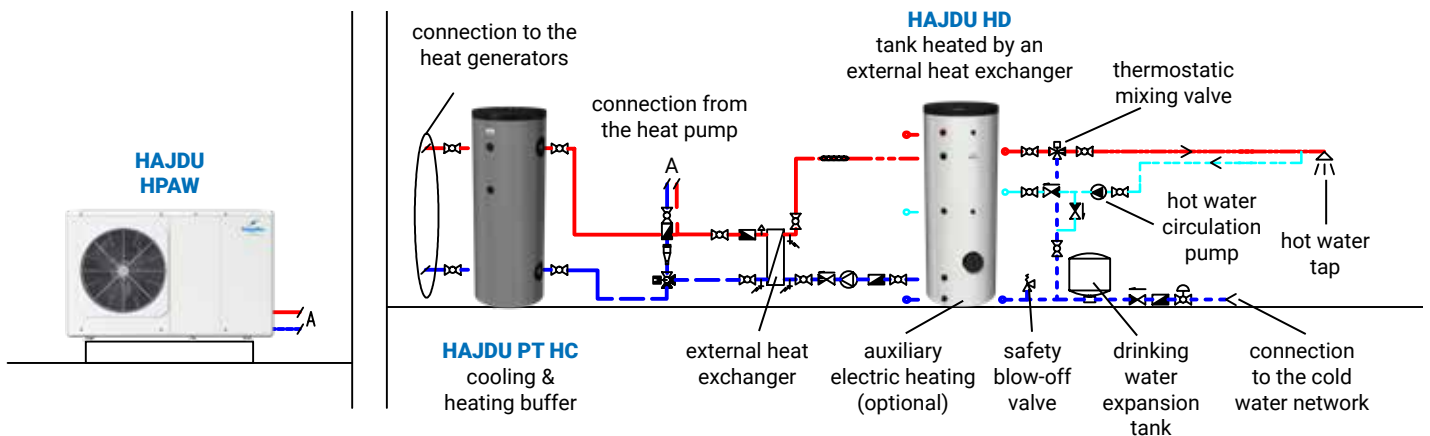
HYBRID SYSTEM FOR HEATING, COOLING AND HOT WATER



HEAT PUMP, BOILER AND SOLAR COLLECTOR FOR HEATING, COOLING AND HOT WATER



HD STORAGE CONNECTION DIAGRAM



SINGLE ROOM ENERGY RECOVERY VENTILATOR



UP TO 97% HEAT
RECOVERY
EFFICIENCY

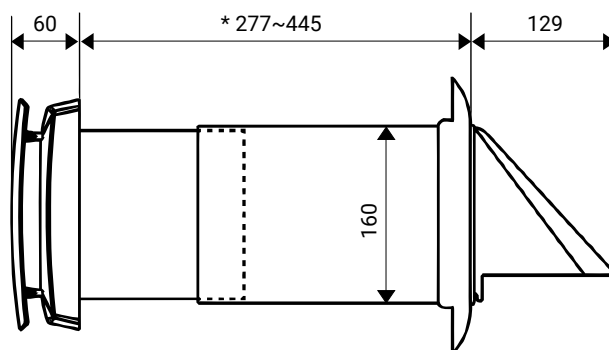
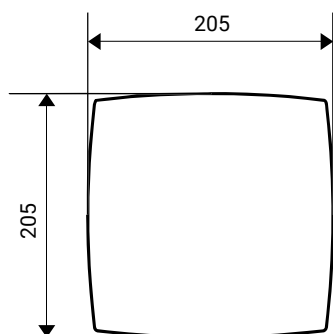
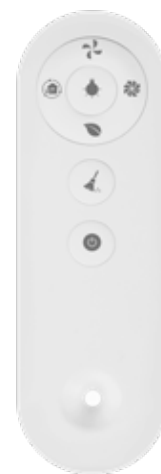


CO₂
SENSOR



WI-FI
CONTROLLABLE

AIR HR 60



*The size can be customized within the given range (277–445 mm), and can be extended up to 600 mm with an optionally available extension pipe.

TECHNICAL DATA

Voltage	[V]	100-240		
Frequency	[Hz]	50/60		
Inlet power	[W]	6	7	7,8
Current	[A]	0,04	0,05	0,06
RPM		1000	1500	1800
RPM (max.)		2200		
Air flow in supply/exhaust mode with F7 filter *	[m³/h]	20	40	50
Air flow in regeneration mode with F7 filter *	[m³/h]	10	20	25
Air flow in supply/exhaust mode with F7 filter *	[CFM]	11,8	23,5	29,4
Air flow in regeneration mode with F7 filter *	[CFM]	5,9	11,8	15
Max. air flow (fan in turbo mode)	[m³/h]	60		
Max. air flow (fan in turbo mode)	[CFM]	35		
Sound pressure	[dB(A)]	32,7		
Installation method		wall breach		
Regeneration Efficiency	[%]	Up to 97		
Ingress Protection Rating		IPX4		
Diameter of duct	[mm]	158		
SEC		class A		
Type of installation		Wall mounting		
Net Weight	[kg]	4,2		



2 years full

*The air volume in supply/exhaust mode without the F7 filter is approximately 34/56/70 m³/h (or 20/33/41.2 CFM), and the related performance parameters adjust accordingly.



RETROFITTABLE HEATERS



Lower heating element:
3 × 1.2 kW, 1- or 3-phase compatible



6104550247



Lower heating element:
3 × 1.6 kW, 1- or 3-phase compatible



6104550248



Compact upper heating element:
2 kW, 230 V, 6/4", single-phase



6297129754



Upper compact heater:
3 kW, single-phase



6104550252



Upper heating unit:
6 kW, 6/4", three-phase



2419991046



Upper heating unit:
9 kW, 6/4", three-phase



2419991047



Lower heating unit set:
2.4 kW, single-phase or three-phase



6104550256



Lower heating unit set:
3.2 kW, single-phase or three-phase



6104550257



Assembled terminal cover set:
2.4 kW, single-phase



6104550188



Assembled terminal cover set:
2.4 kW, single-phase



6104550187



Heating unit set:
2.4 kW, single-phase



6104550271



Assembled terminal cover set:
2.4 kW, single-phase



6104550197



Lower heating unit:
7.5 kW, three-phase



2419991048



Lower heating unit:
12 kW, three-phase



2419991049



Lower heating unit:
15 kW, three-phase



2419991050



Lower heating unit:
9 kW, three-phase



2419991059



Lower heating unit:
24 kW, three-phase



2419991051



Lower heating unit:
45 kW, three-phase



2419991061

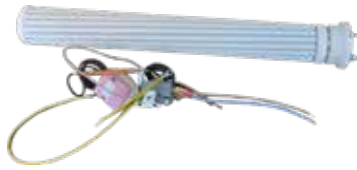
RETROFITTABLE HEATERS



Ceramic heating unit set:
2.4 kW, single-phase



6104550274



Preassembled ceramic heating unit set:
2.4 kW, single-phase



6104550320



Preassembled ceramic heating unit set:
2.4 kW, single-phase



6104550319



Upper heating unit:
1.5 kW, single-phase



2419991055



Upper heating unit:
2 kW, single-phase



2419991056



Upper heating unit:
4.5 kW, single-phase



2419991057



Lower heating unit:
5 kW, single-phase



2419991100



Lower heating unit:
6 kW, three-phase



2419991058



Lower heating unit:
10 kW, three-phase



2419991060



Compact heating element:
2 kW, 230 V, 6/4", single-phase



6297129754



Compact heating element:
3 kW, 230 V, 6/4", single-phase



6297129755



BH30B – 3 kW heating cartridge
for heat pumps, single-phase



2244099900



BH90B/R – 9 kW heating cartridge
for heat pumps (3 kW on single-phase,
6 kW on two-phase operation)



2244899900

NOTES

[illegible]

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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GPS coordinates
North 47,71620° and East 21,69445°