hajdu

with renewable energy!

the reliable
Hungarian manufacturer

PRODUCT CATALOGUE


HAJDU

70 | 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

hajdu
with renewable energy!

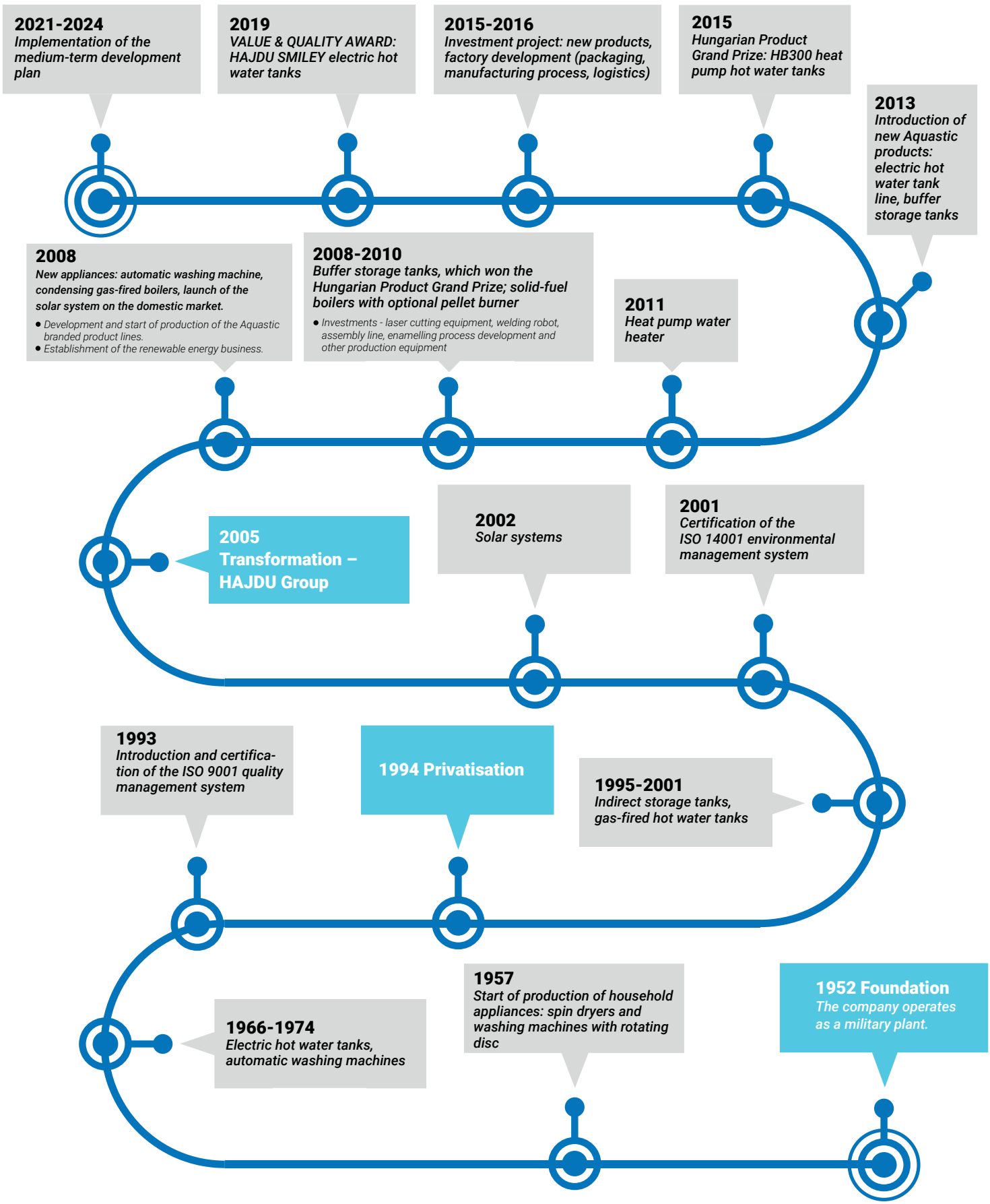


TABLE OF CONTENTS

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:

- *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.*

CONFORMS TO THE EUROPEAN SAFETY REGULATIONS

CONFORMS TO THE EUROPEAN ENERGY EFFICIENCY REGULATIONS

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 2025

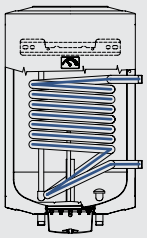
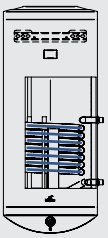
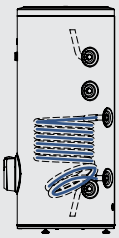
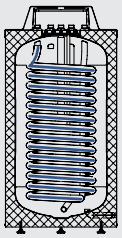
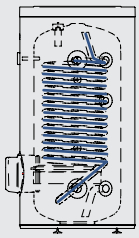
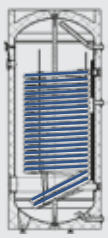
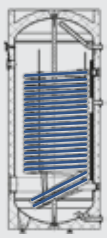
ELECTRIC HOT WATER STORAGE TANKS

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		50; 80; 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					
-				✓	

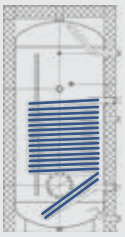
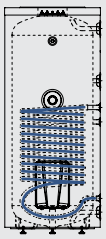
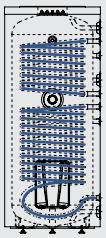
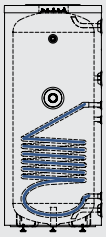
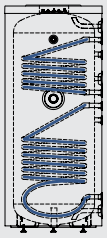
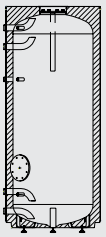
ELECTRIC HOT WATER STORAGE TANKS

WALL-MOUNTED, VERTICAL			WALL-MOUNTED VERTICAL / HORIZONTAL		WALL-MOUNTED, HORIZONTAL	FLOOR-STANDING
Z...SMART	**AQ ECO...ERP**	**AQ.. ECO SLIM**	**AQ F...ERP**	**AQ FLAT... WIFI ERP**	**ZV...ERP**	**Z...S ERP**
						
page **19**	page **22**	page **23**	page **24**	page **25**	page **20**	page **21**
VOLUME [Litre]						
30; 50; 80; 120; 150; 200	30; 50; 80; 100; 120; 150; 200	30; 50; 80	50; 80; 120	50; 80; 100	80; 120; 150; 200	150; 200; 300
MAXIMUM LOAD PROFILE						
S - M - L		S - M	M - L	M	M - L - XL	L - XL
ENERGY EFFICIENCY CLASS						
B-C	C	C	C	B	C	C
INNER TANK COATING						
ENAMEL						
INSULATION						
PU FOAM INSULATION						
HEATING ELEMENT TYPE						
STEATITE	TUBULAR HEATER					
TEMPERATURE CONTROL						
MANUAL				DIGITAL + APP	MANUAL	
ELECTRIC POWER [kW]						
1,8 / 2,4		1,8	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

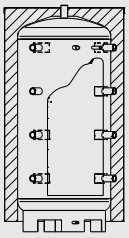
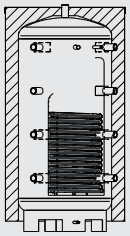
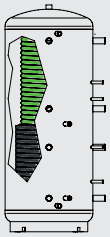
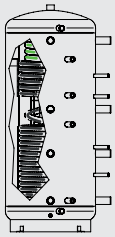
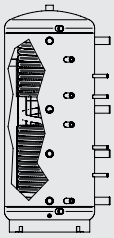
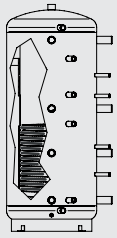
INDIRECT DHW STORAGE TANKS			HIGH-CAPACITY INDIRECT DHW STORAGE TANKS			
AQ IDE...F	**IDE/IND...F**	**IDE/IND...S**	**HR-N**	**STXL 120-160C**	**STXL 200-300C**	**STXL 400-500C**
						
						
page **27**	page **28**	page **29**	page **30**	page **31**	page **32**	page **33**
VOLUME [Litre]						
75; 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

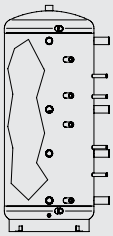
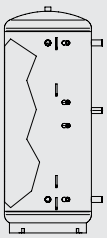
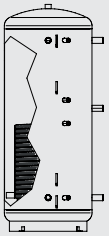
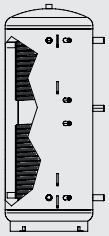
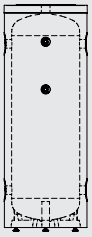
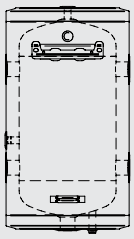
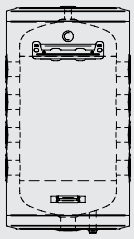
HIGH-CAP. INDIRECT DHW STORAGE TANKS	MULTI-ENERGY (SOLAR) HEATED STORAGE TANKS						STORAGE TANKS HEATED BY EXT. HEAT EXCHAN.
STXL 750-900C	**STA SZTEA C**	**STA SZTEA C2**	**STA C**	**STA C2**	**AQ STA C**	**AQ STA C2**	**HD**
							
							
page **33**	page **34**	page **34**	page **35**	page **35**	page **36**	page **36**	page **37**
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

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					
For heating	✓	✓	✓	✓	✓	✓
For domestic hot water			✓	✓		
For solar heating		✓	✓	✓	✓	✓
For gas boiler				✓	✓	
For heat pump						
For district heating						
For biomass boiler	✓	✓	✓	✓	✓	✓

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 and AQUASTIC brand names, from 10 to 300 litres, and with various positioning options: wall mounted vertical, horizontal and floor-standing design.

ELECTRIC HOT WATER STORAGE TANKS

INSTALLATION WITH ANY FAUCET TYPE

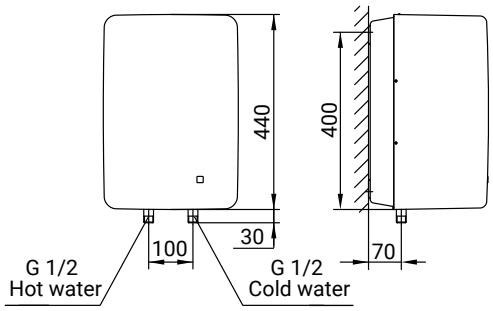
CAPABLE OF SUPPLYING MULTIPLE WATER OUTLETS

CORROSION PROTECTION WITH ACTIVE ANODES

ZF10
ABOVE-SINK INSTALLATION

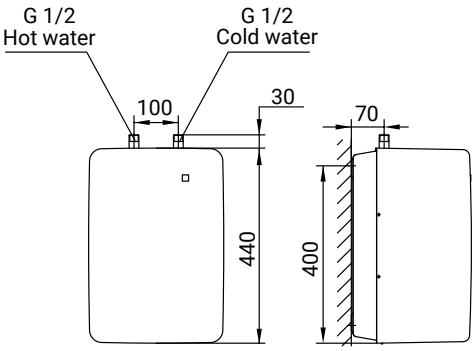
ZA10
UNDER-SINK INSTALLATION

TYPE		ZF10	ZA10
Volume	[litre]	10	
Lenght	[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



10 YEAR WARRANTY

2 years full
10 year tank warranty



AQ10F
ABOVE-SINK INSTALLATION

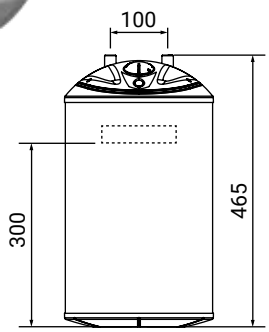
TYPE		AQ10F	AQ10A
Volume	[litre]	10	
Electric power	[kW]	1,6	2
Heat-up time from 15°C to 65°C	[minute]	24	18
Rated operating pressure	[MPa]	0,6	
Weight	[kg]	7	
Hot water temperature	[°C]	max. 80	
Maximum load profile		XS	XS
Energy efficiency class		C	C

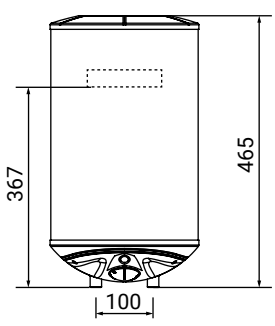
5 YEAR WARRANTY

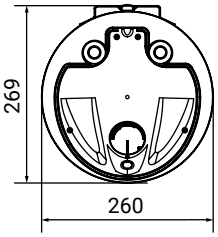
2 years full
5 year tank warranty

ADJUSTABLE WATER TEMPERATURE

AQ10A
UNDER-SINK INSTALLATION







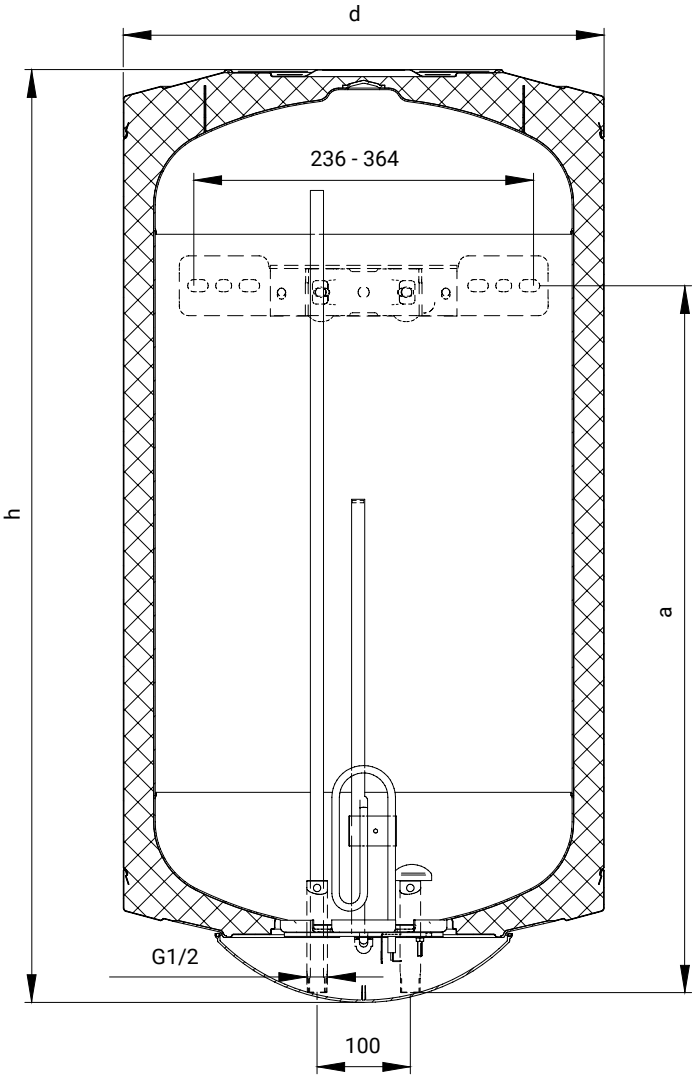
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

EXCELLENT THERMAL INSULATION

CORROSION PROTECTION WITH ACTIVE ANODES

ADJUSTABLE WATER TEMPERATURE

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	[mm]	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

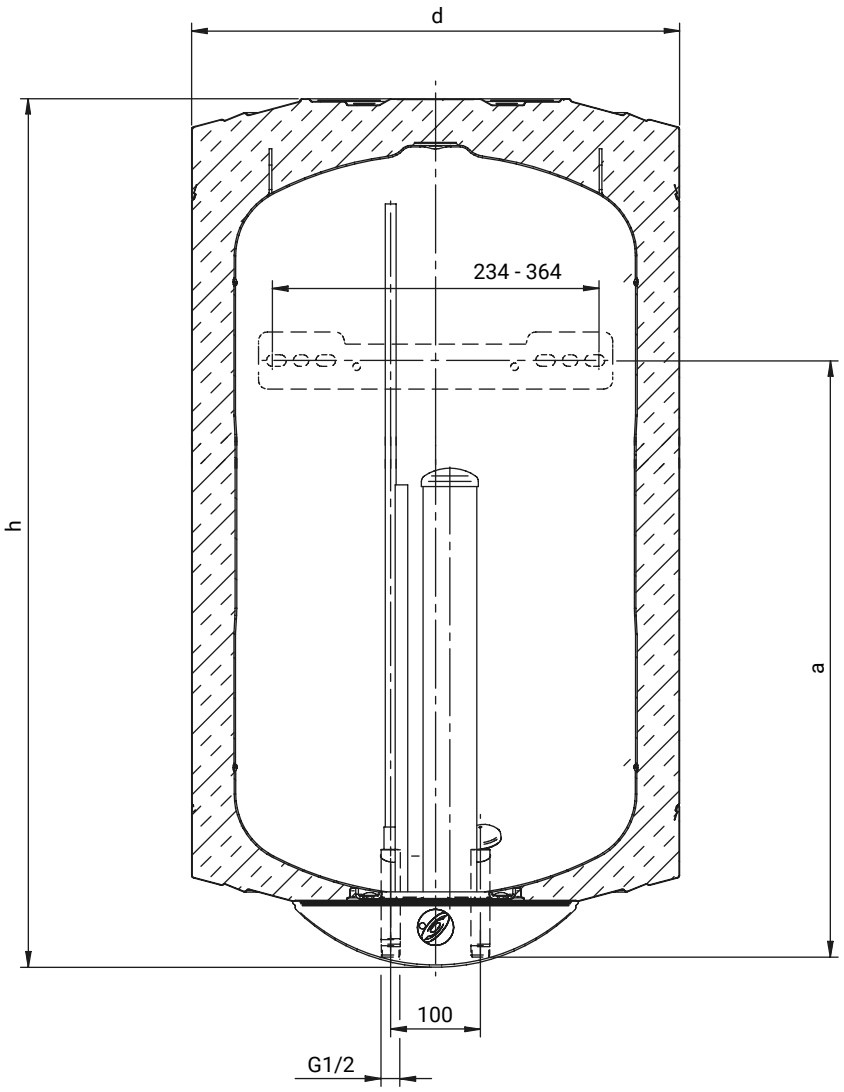
EXCELLENT THERMAL INSULATION

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.

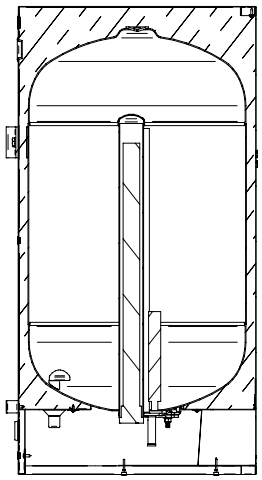
TYPE	Z 30 C ErP	Z 50 C ErP	Z 80 C ErP	Z 100 C ErP	Z 120 C ErP	Z 150 C ErP	Z 200 C ErP
Volume [litre]	30	50	80	100	120	150	200
h [mm]	548	550	720	870	1000	1195	1510
d [mm]	410	515					544
a [mm]	350		510	580	760	960	1240
Water connection [mm]	G1/2						
Rated operating pressure [MPa]	0,6						
Electric 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

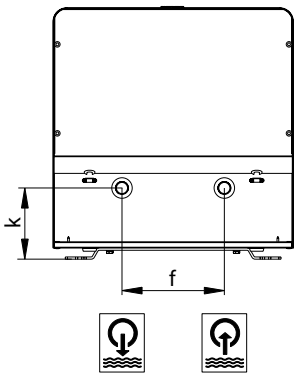
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

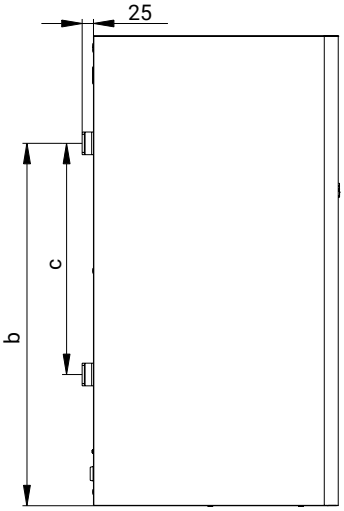
SMART CONTROL

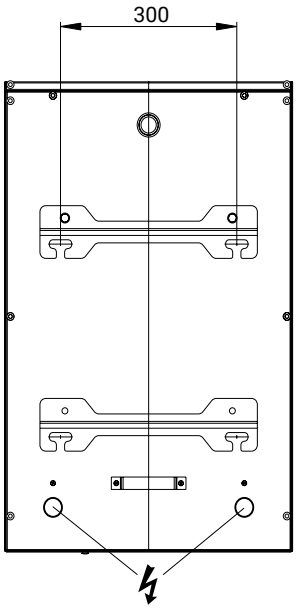
CERAMIC HEATING ELEMENT, MINIMAL SCALING, LONGER SERVICE LIFE

EXCELLENT THERMAL INSULATION









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		C50S	C80S	C120S	C150S	C200S
Volume	[litre]	50	80	120	150	200
Lenght	[mm]	587	757	1037		1324
Width	[mm]	490			540	
Depth	[mm]	490			540	
b	[mm]	367	537	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]	1,2	2,4			
Heat-up time from 15°C to 65°C	[h]	2,63	2,11	3,16	3,95	5,27
Weight	[kg]	24	38	49	56	68
Hot water temperature	[°C]	max. 75				
Maximum load profile		M	M	M	L	L
Energy efficiency class		B	B	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

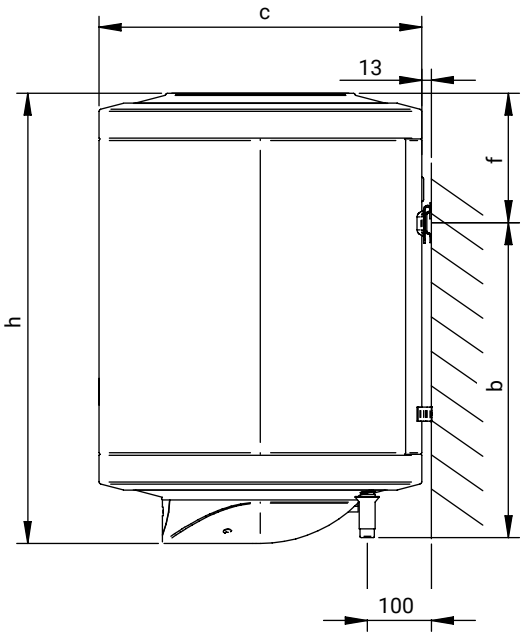
hajdu

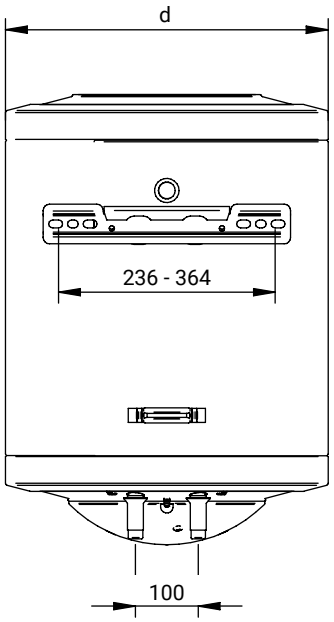
SMILEY

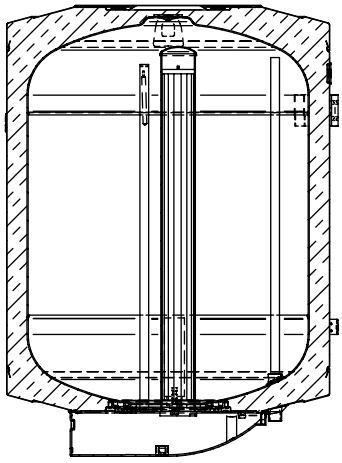
SY...R

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.

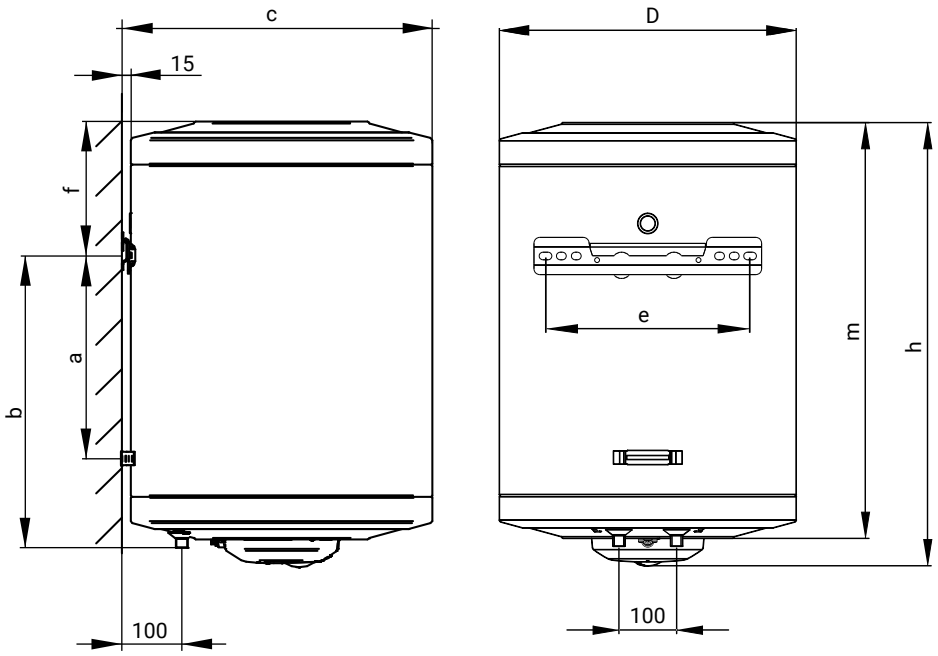
TYPE		SY80R	SY120R	SY150R
Volume	[litre]	80	120	150
Lenght (h)	[mm]	730	1020	1205
Diameter (d)	[mm]	515		
b	[mm]	500	750	950
c	[mm]	528		
f	[mm]	190	230	250
Water connection		G1/2		
Rated operating pressure	[MPa]	0,6		
Electric power	[kW]	0,8+0,8 (1,6)	1,6+0,8 (2,4)	
Heat-up time from 15°C to 65°C	[h]	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

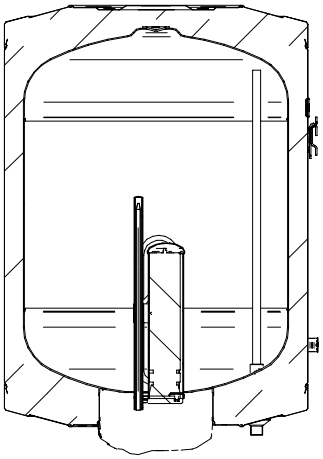
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

SMART CONTROL

CERAMIC HEATING ELEMENT, MINIMAL SCALING, LONGER SERVICE LIFE

EXCELLENT THERMAL INSULATION





10 YEAR WARRANTY

2 years full
10 year tank warranty

hajdu SMART

• STEATITE VERSION

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

Z...SMART

TYPE		Z30SMART	Z50SMART	Z80SMART	Z120SMART	Z150SMART	Z200SMART
Volume	[litre]	30	50	80	120	150	200
Lenght (h)	[mm]	552	592	762	1039	1237	1492
Diameter (D)	[mm]	410	515				
Water connection		G1/2					
a	[mm]	200	194	354	606	806	1086
b	[mm]	355	347	507	757	957	1237
c	[mm]	424	530				
e	[mm]	236-364					
f	[mm]	167	211	221	249	246	221
m	[mm]	505	545	715	992	1190	1454
Rated operating pressure	[MPa]	0,6					
Electric power	[kW]	1,8					2,4
Heat-up time from 15°C to 65°C	[h]	0,9	1,8	2,9	4,2	4,3	5,5
Weight	[kg]	17	20	24	33	38	50
Hot water temperature	[°C]	max. 75					
Maximum load profile		S	M	M	L	L	L
Energy efficiency class		B	B	B	C	C	C

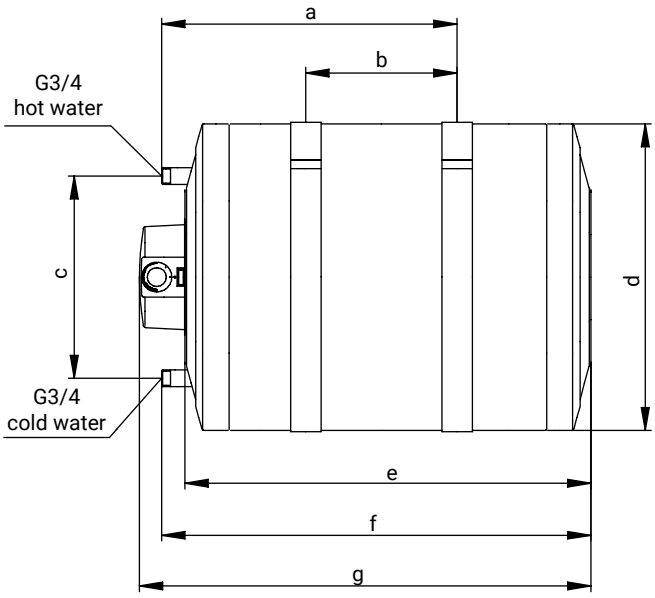
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED HORIZONTAL MODELS

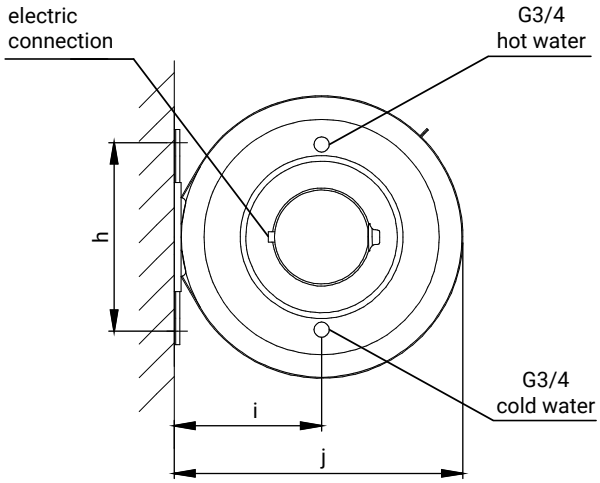
EXCELLENT THERMAL INSULATION

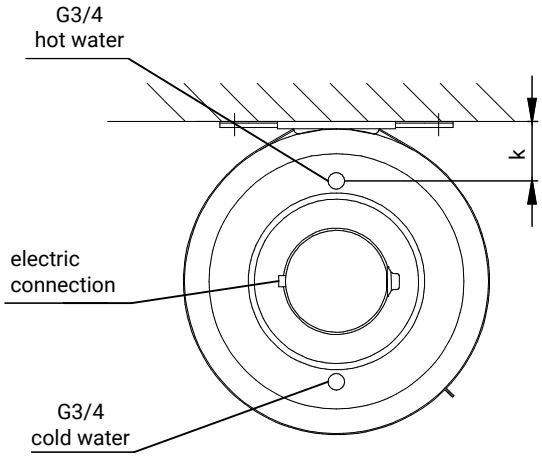
CORROSION PROTECTION WITH ACTIVE ANODES

ADJUSTABLE WATER TEMPERATURE

ZV...ErP







TYPE	ZV80ErP	ZV120ErP	ZV150ErP	ZV200ErP
Volume [litre]	80	120	150	200
g [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
h [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

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.

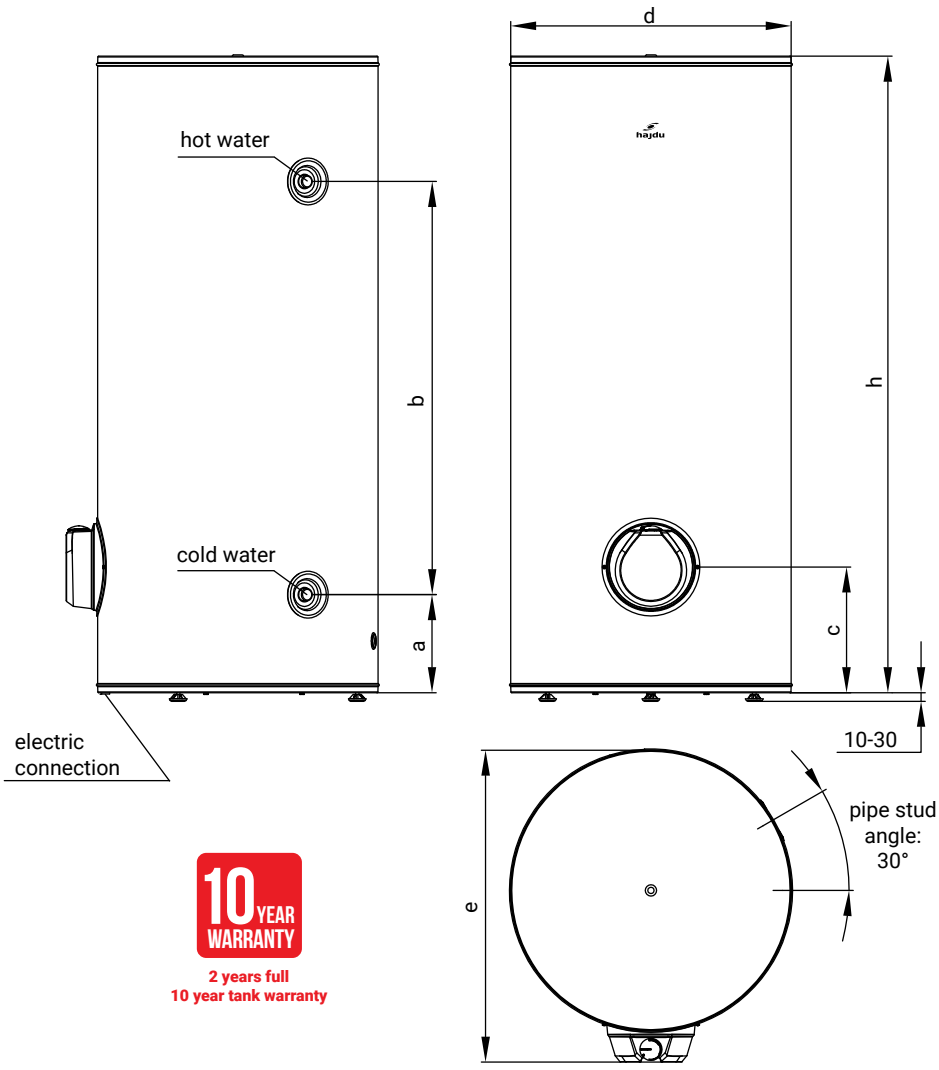
ELECTRIC HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

CERAMIC HEATING ELEMENT, MINIMAL SCALING, LONGER SERVICE LIFE

ECONOMICALLY CONTROLLED WATER TEMPERATURE, FROST PROTECTION

1 AND 3 PHASE CONNECTION

Z...S ErP



10 YEAR WARRANTY

2 years full
10 year tank warranty

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

ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

ADJUSTABLE WATER TEMPERATURE

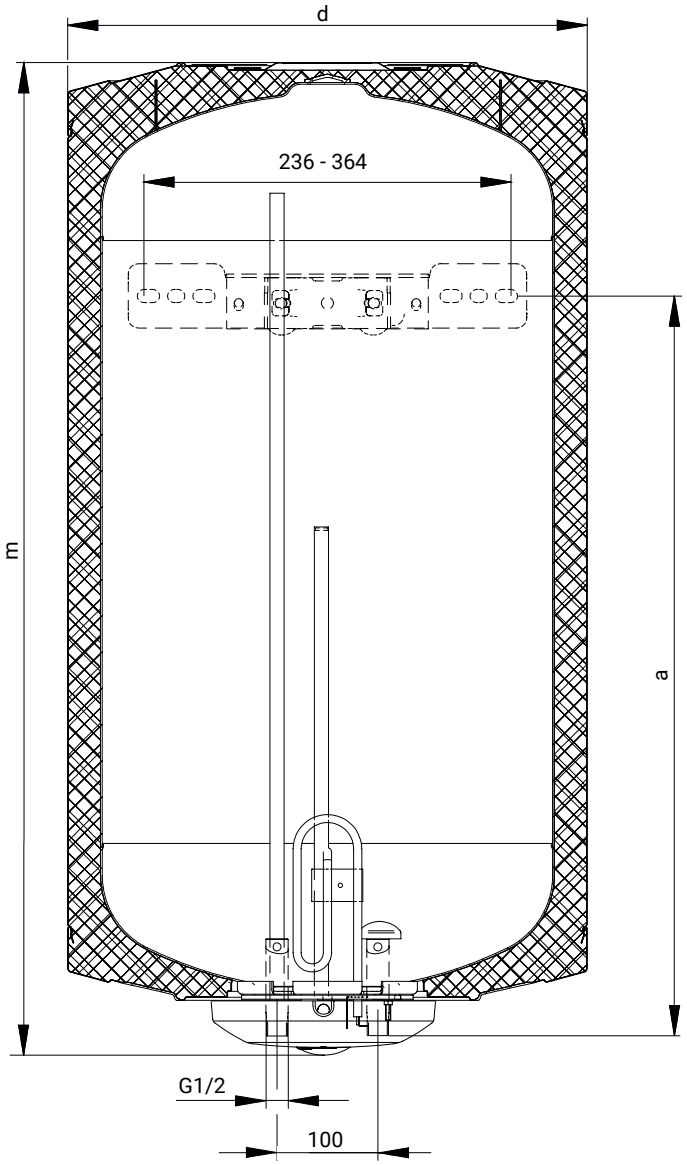
CORROSION PROTECTION WITH ACTIVE ANODES

CAPABLE OF SUPPLYING MULTIPLE WATER OUTLETS

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
m [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

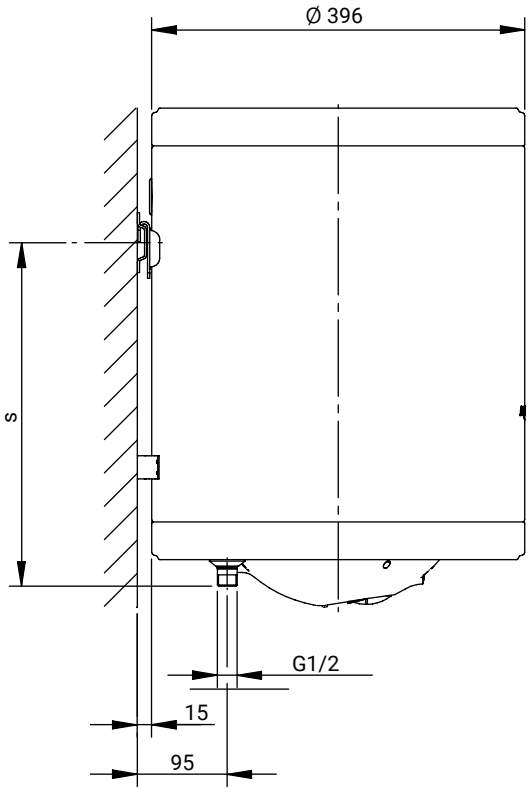
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL MODELS

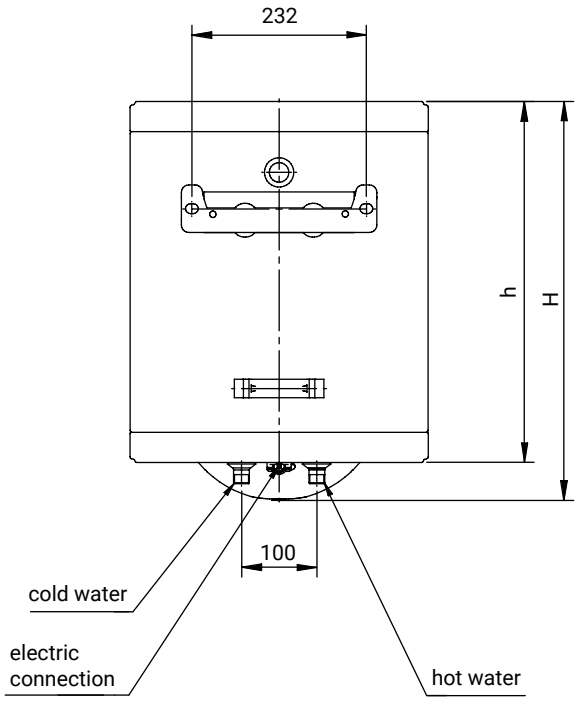
ADJUSTABLE WATER TEMPERATURE

CORROSION PROTECTION WITH ACTIVE ANODES

CAPABLE OF SUPPLYING MULTIPLE WATER OUTLETS

AQ...ECO SLIM





TYPE		AQ 30 ECO SLIM	AQ 50 ECO SLIM	AQ 80 ECO SLIM
Volume	[litre]	30	50	80
H	[mm]	530	744	1054
h	[mm]	479	693	1003
Diameter	[mm]	396		
s	[mm]	365	579	889
Water connection		G1/2		
Rated operating pressure	[MPa]	0,6		
Electric power	[kW]	1,8		
Heat-up time from 15°C to 65°C	[h]	1	1,8	2,8
Weight	[kg]	16	20	28
Hot water temperature	[°C]	max. 60		max. 70
Maximum load profile		S	M	M
Energy efficiency class		C		

5 YEAR WARRANTY

2 years full
5 year tank warranty

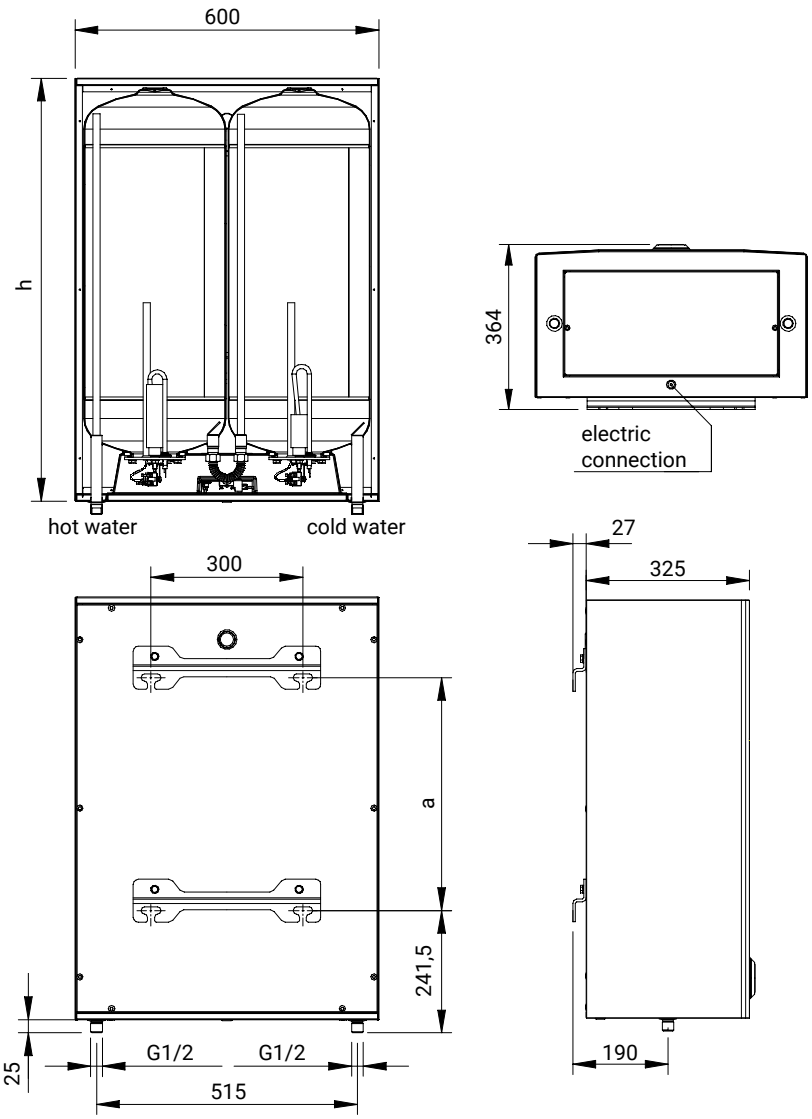
ELECTRIC HOT WATER STORAGE TANKS, WALL MOUNTED VERTICAL/HORIZONTAL MODELS

HORIZONTAL AND VERTICAL POSITIONING OPTIONS

FLAT UNIT

FAST WATER HEAT-UP

AQUASTIC FLAT



AQ F...ErP

7 YEAR WARRANTY

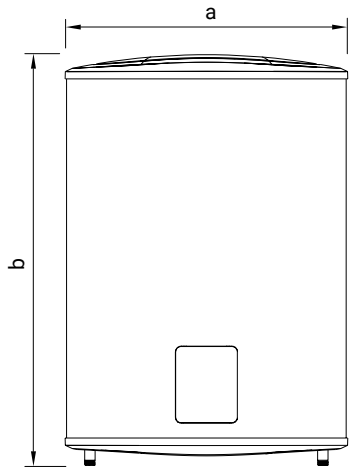
2 years full
7 year tank warranty

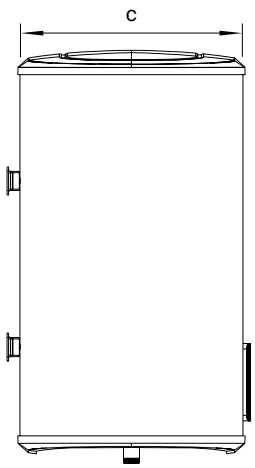
TYPE		AQ F50 ErP	AQ F80 ErP	AQ F120 ErP
Volume	[litre]	50	80	120
h	[mm]	585	835	1135
a	[mm]	210	460	790
Water connection		G1/2		
Rated operating pressure	[MPa]	0,6		
Electric power	[kW]	1,2+0,8		
Heat-up time from 15°C to 65°C (vertical)	[h]	1,58	2,53	3,79
Weight	[kg]	30	44	51
Hot water temperature	[°C]	max. 75		
Maximum load profile		M		L
Energy efficiency class		C		

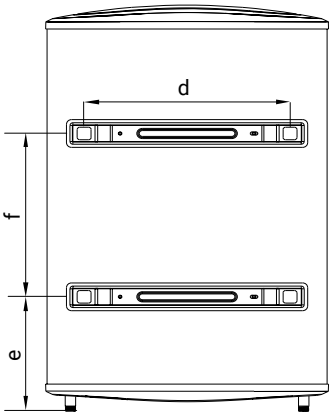
FLAT UNIT

ENGLISH LANGUAGE APPLICATION

AQ FLAT...Wifi ErP







4 YEAR WARRANTY

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	
b	[mm]	875	902	1087
c	[mm]	245	295	
d	[mm]	355	415	
e	[mm]	183	265	
f	[mm]	470	365	550
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)	[h]	1,48	2,34	2,94
Weight	[kg]	29	36	42
Hot water temperature	[°C]	max. 75		
Maximum load profile		M		
Energy efficiency class		B		

INDIRECTLY HEATED HOT WATER STORAGE TANKS

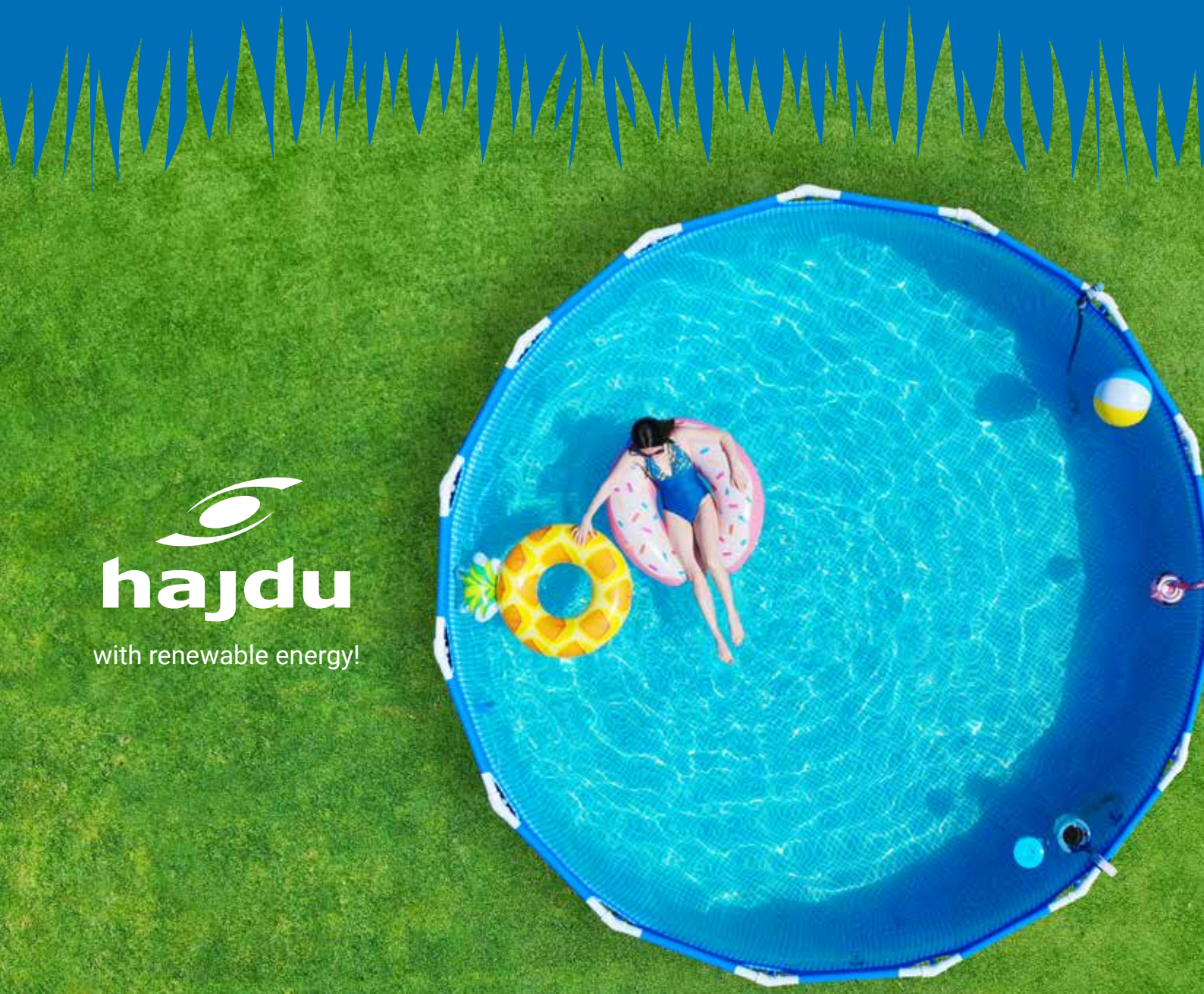
Indirectly heated hot water tanks are available with volumes from 75 to 1000 litres. The domestic water is heated via a heat exchanger coil inside the tank.
They are available as wall mounted **F versions** and floor standing **S versions**.

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.

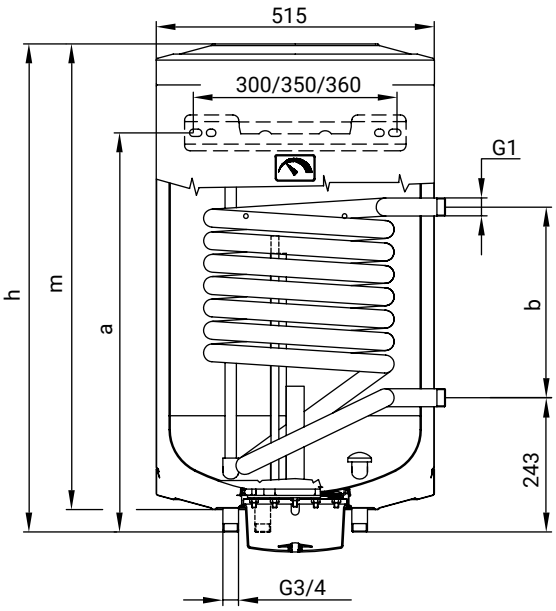


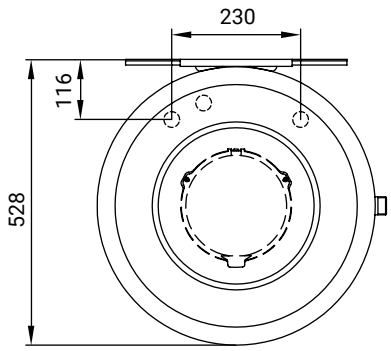
INDIRECTLY HEATED HOT WATER STORAGE TANKS, WALL MOUNTED MODELS

24kW
24 KW POWER

AUXILIARY ELECTRIC HEATING

HEATING OPTION FROM AND EXTERNAL HEATER





5 YEAR WARRANTY

2 years full
5 year tank warranty

AQ IDE...F

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 and DHW at 45/10 °C.

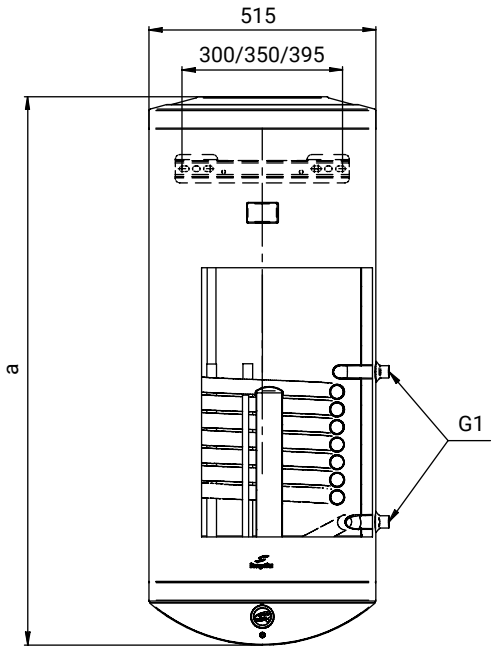
INDIRECTLY HEATED HOT WATER STORAGE TANKS, WALL MOUNTED MODELS

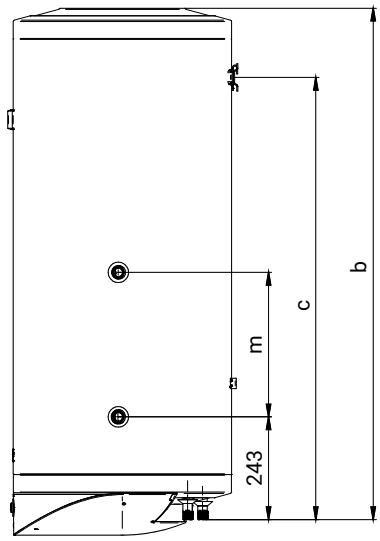
24kW
24 KW POWER

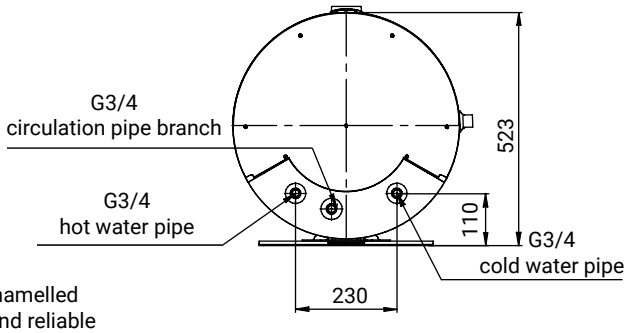
CIRCULATION PIPE BRANCH

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 without auxiliary electric heating		IDE75F ErP IND75F ErP	IDE100F ErP IND100F ErP	IDE150F ErP IND150F ErP	IDE200F ErP IND200F ErP
Volume	[litre]	75	100	150	200
a	[mm]	745	905	1235	1505
b	[mm]	710	870	1200	1474
c	[mm]	500	570	1050	
m	[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)			

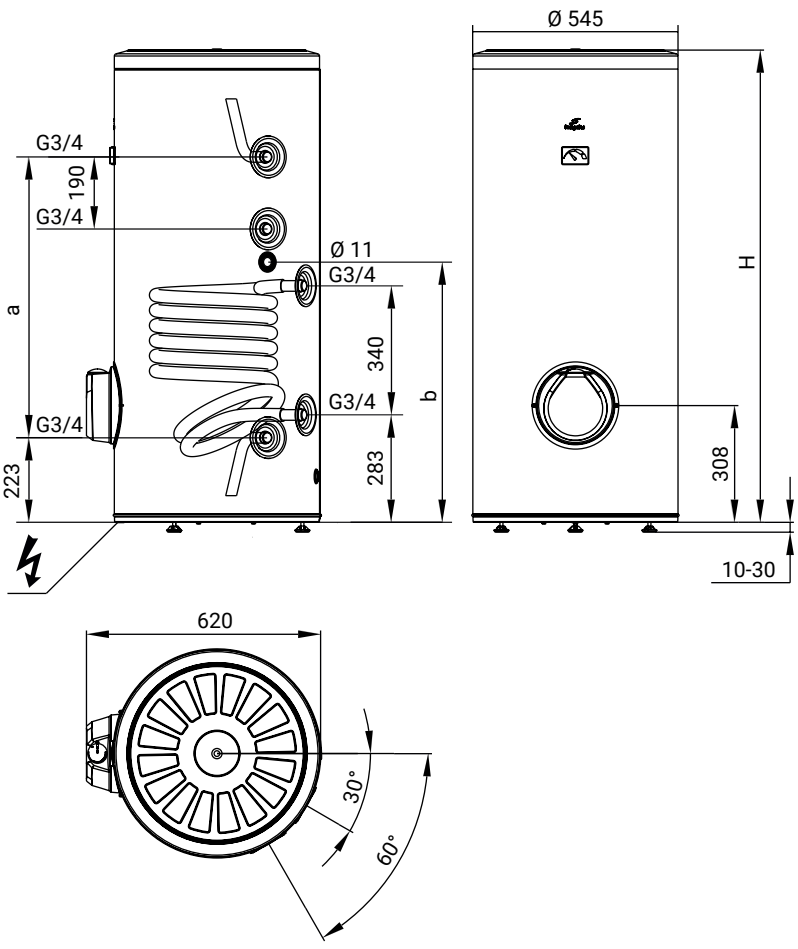
The performance data are valid for flow water at 80 °C, storage at 60 °C and DHW at 45/10 °C.

24kW
24 KW POWER

CIRCULATION PIPE BRANCH

IDE...S ERP MODEL WITH SPECIAL CERAMIC HEATER

IDE/IND...S ErP



• 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 IND100S ErP	IDE150S ErP IND150S ErP	IDE200S 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	[m²]	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 and DHW at 45/10 °C.

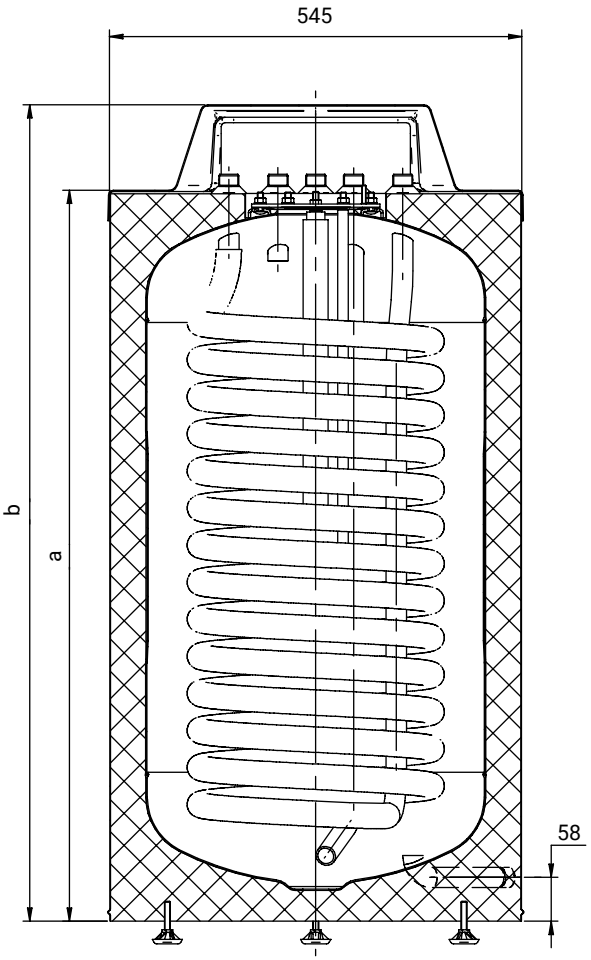
HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

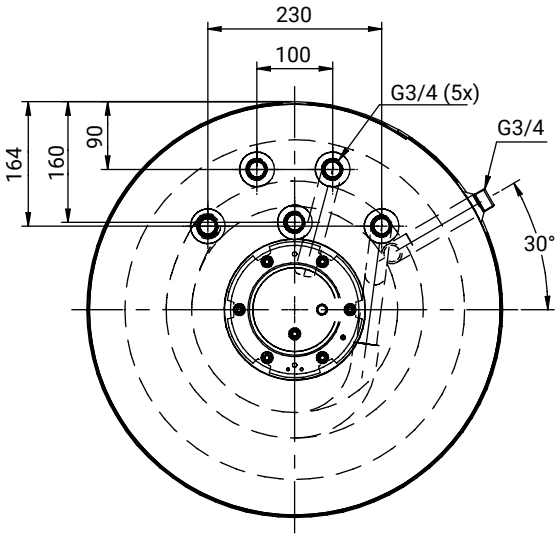
WITH ANODE SIGNAL

WITH DRAIN STUB

42kW POWER

HR-N





TYPE		HR-N30	HR-N40
Volume	[litre]	120	160
b	[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	[m²]	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	

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

10 YEAR WARRANTY

2 years full
10 year tank warranty

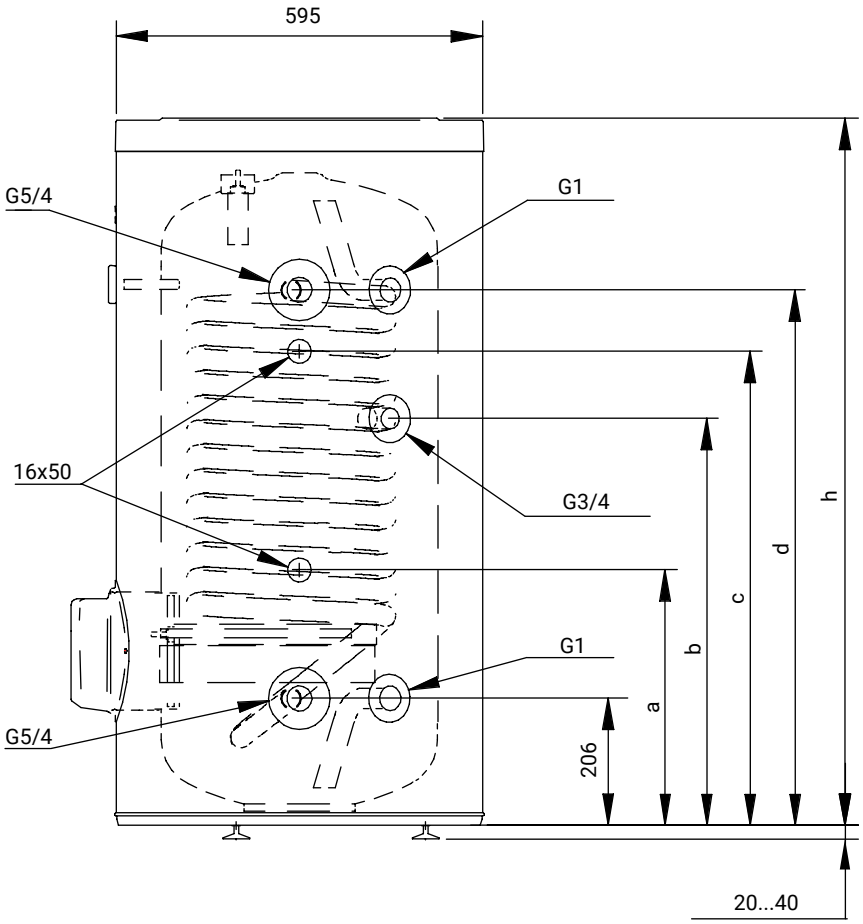
HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

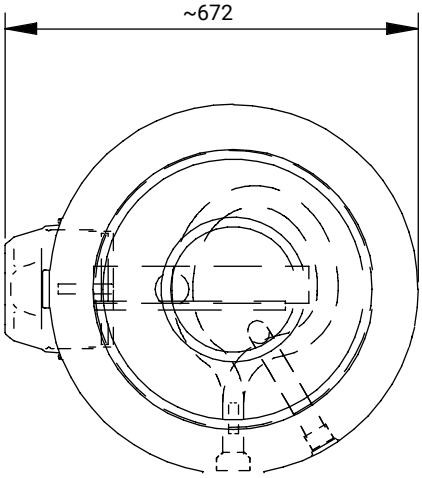
EXTRA LARGE SURFACE OF HEAT EXCHANGER

OPTIONAL CERAMIC HEATING ELEMENT

EXCELLENT THERMAL INSULATION

STXL...C





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	[MPa]	1	
Circulation pipe branch connection		G3/4	
Heat exchanger surface	[m²]	1,44	2,05
Heat exchanger connection		G5/4	
Weight	[kg]	88	107
Heat loss	[W]	50	57
Energy efficiency class		B	B
Part number of heating element		6104550274	

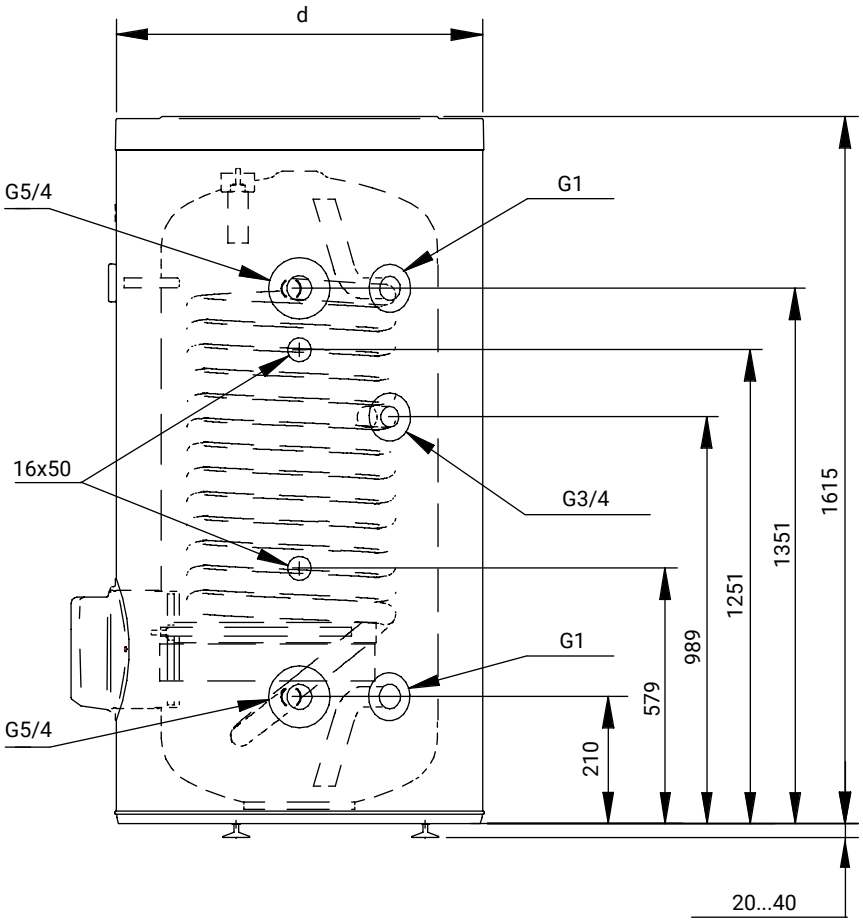
HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

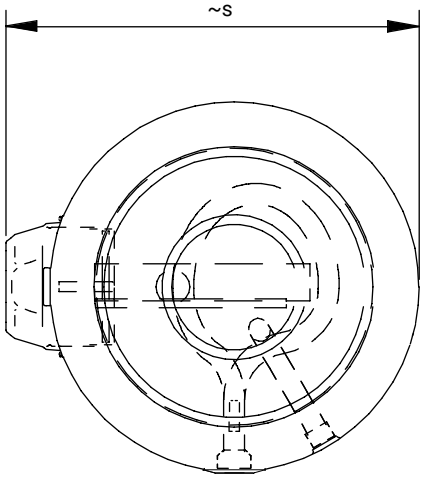
EXTRA LARGE SURFACE OF HEAT EXCHANGER

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
Lenght	[mm]	1615	
Water connection		G1	
Rated operating pressure	[MPa]	1	
Circulation pipe branch connection		G3/4	
Heat exchanger surface	[m²]	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

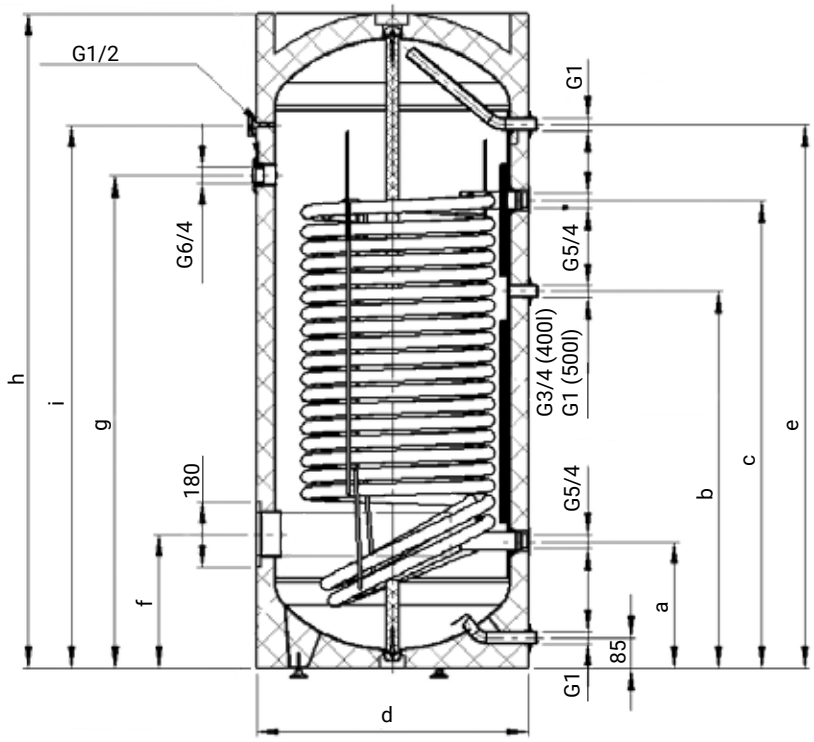
HIGH-PERFORMANCE INDIRECTLY HEATED HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

CIRCULATION PIPE BRANCH

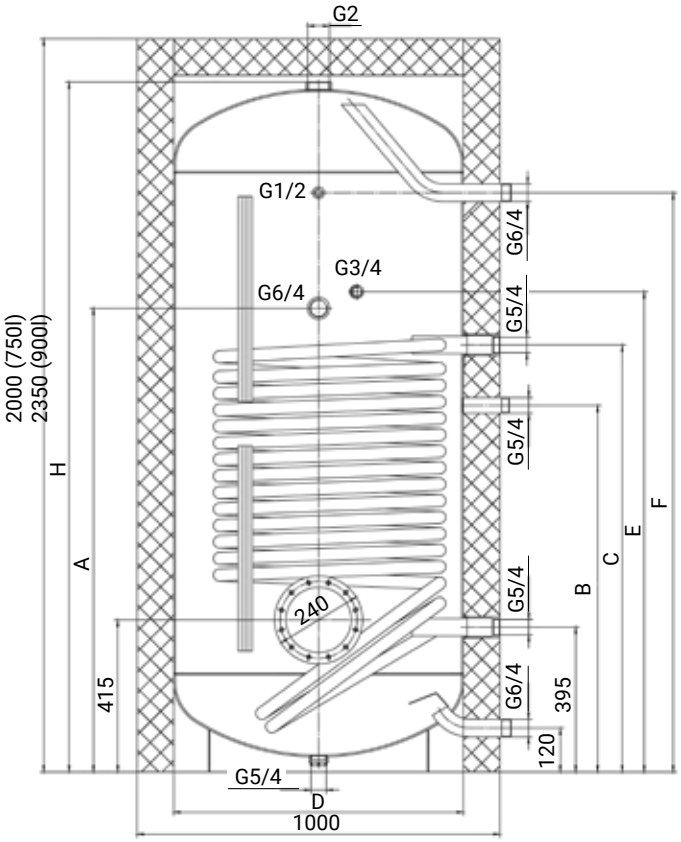
ADJUSTABLE WATER TEMPERATURE

42kW POWER

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

STXL...C

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 2419991057 2419991046 2419991100 2419991058 2419991048 2419991060		2419991059 2419991051 2419991061 2419991056 2419991057 2419991046 2419991047	

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

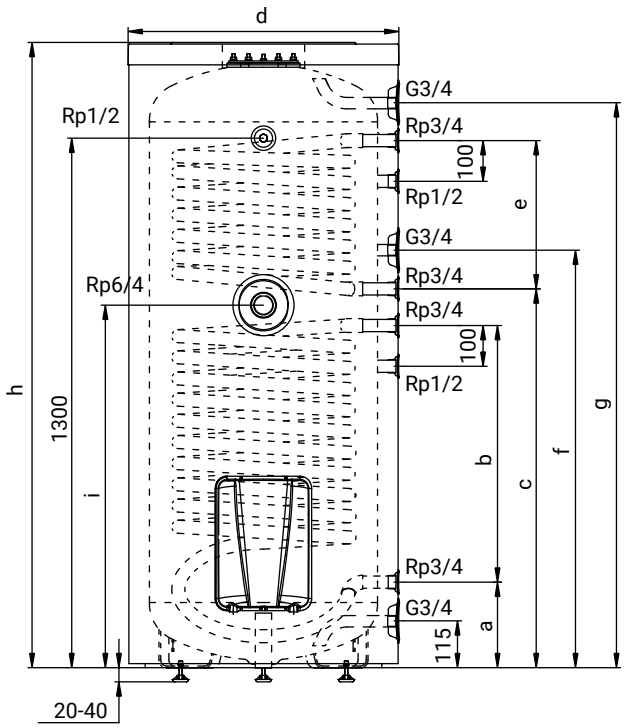
POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

OPTIONAL CERAMIC HEATING ELEMENT

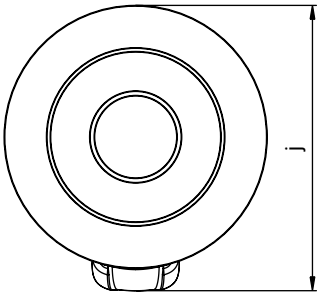
CIRCULATION PIPE BRANCH

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
Peak performance *	[litre/first 10 minutes]	340	510	370	545
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.*

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

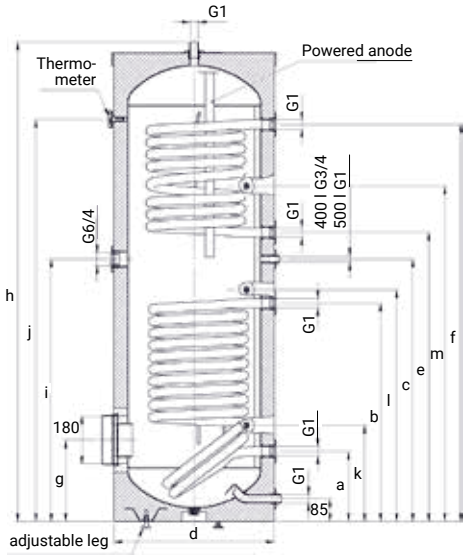
POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

OPTIONAL AUXILIARY ELECTRIC HEATING

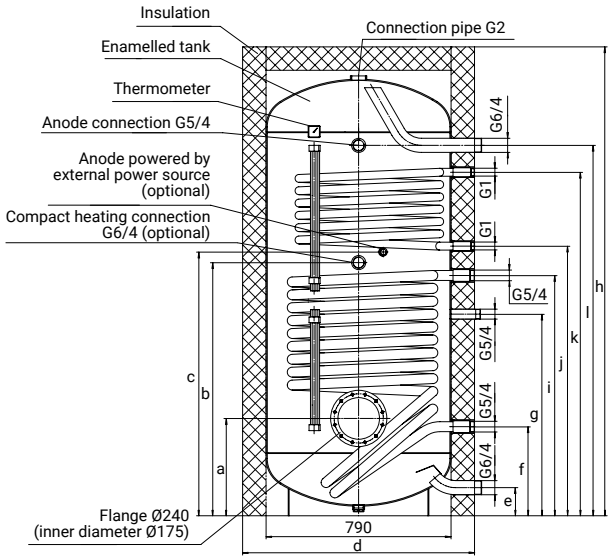
CIRCULATION PIPE BRANCH

STA...C/C2

STA400C2-500C2



STA800C2-1000C2



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	[m²]	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
Peak performance *	[litre/first 10 minutes]	600	750	1200	1500	628	785	1257	1570
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	227+33	145	176	235+24	247+33
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	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047	2419991059 2419991051 2419991061 2419991055 2419991056 2419991057 2419991046 2419991047	2419991100 2419991058 2419991048 2419991060 2419991055 2419991056 2419991057	2419991100 2419991058 2419991048 2419991060 2419991049 2419991050 2419991055 2419991056 2419991057 2419991046	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

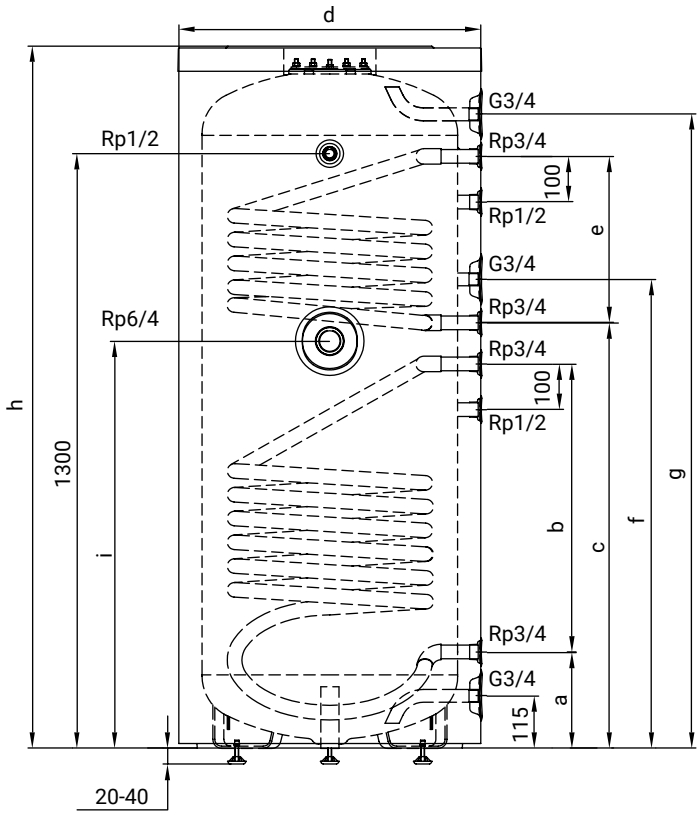
(POSSIBILITY TO ADD IMMERSION HEATER)

POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

OPTIONAL AUXILIARY ELECTRIC HEATING

CIRCULATION PIPE BRANCH

AQ STA...C/C2



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
Peak performance *	[litre/first 10 minutes]	255	460	255+150	460+220
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

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.*

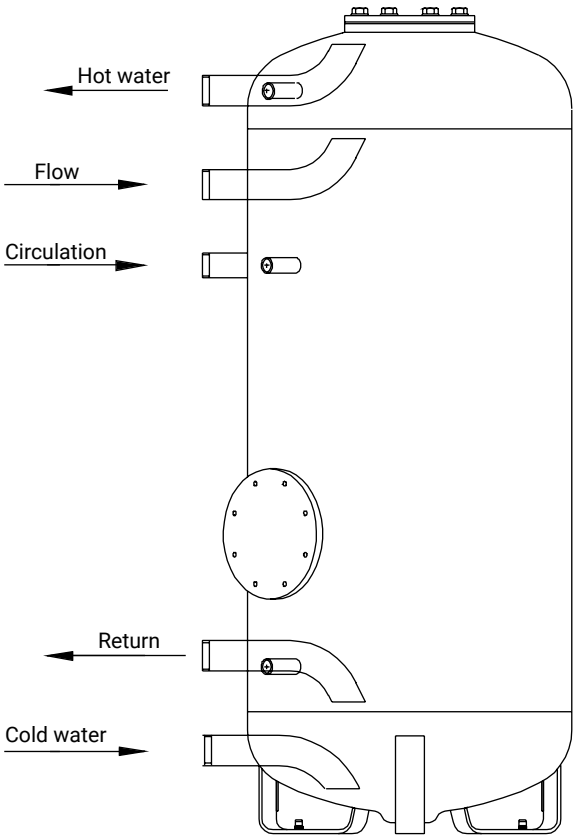
POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

HEATING OPTION FROM AND EXTERNAL HEATER

LOW HEAT LOSS

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

HD...



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
Lenght	[mm]	1530		1785	1806	2000	2350	2215	2130
Diameter	[mm]	545	660	670	750	990		1000	1250
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 of the HB model hot water tank uses the heat energy of air to heat up the water in the tank. **An appliance with a heat pump can produce at least 2 kW/h of heat from 0.5 kW/h of energy! This is the most efficient domestic hot water production method known today!**

Interior rooms can be cooled using the air from the heat pump, and the ventilation of a room or home can also be supported by removing the cooled air. The appliance can also be connected to the ventilation system of the house. Thereby, in addition to domestic hot water production, these appliances can also be used to support ventilation, air conditioning and demisting.

Heat pump appliances; The air-to-water heat pump can provide a complete solution for heating, cooling and domestic hot water production in a wide range of environmental conditions. It is an ideal solution for both the setup and modernisation of state-of-the-art and environmentally friendly heating and air-conditioning systems in already existing and newly built properties. It can be added to conventional, gas or other heating systems. It has a monobloc design, the heat pump and hydrobox are incorporated in a single housing.

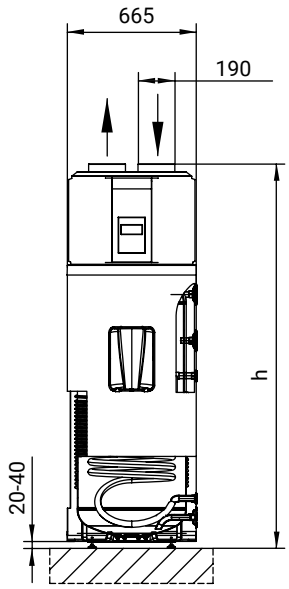
HEAT PUMP HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

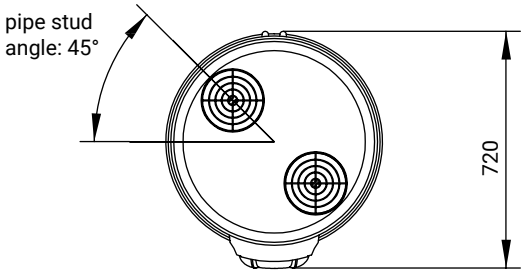
110%
110% WATER HEATING EFFICIENCY

POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

CORROSION PROTECTION WITH ACTIVE ANODES

HB...





TYPE		HB 200	HB 200C	HB 300	HB 300C	HB 300C1
Diameter/Lenght (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

8 YEAR WARRANTY
2 years full
8 year tank warranty

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

HEAT PUMP HOT WATER STORAGE TANKS, FLOOR-STANDING MODELS

142% WATER HEATING EFFICIENCY

SMART GRID READY

CORROSION PROTECTION WITH ACTIVE ANODES

hajdu

HP-TOWER

HPT...

8 YEAR WARRANTY

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 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

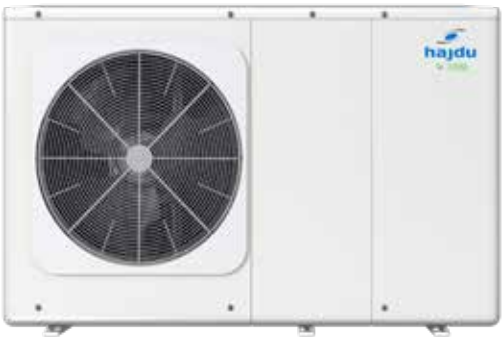
SILENT

HIGH TEMPERATURE HEATING WATER

IT WORKS EVEN IN COLD AMBIENT TEMPERATURE

HPAW-4/6 **kW**

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



hajdu

HPAW

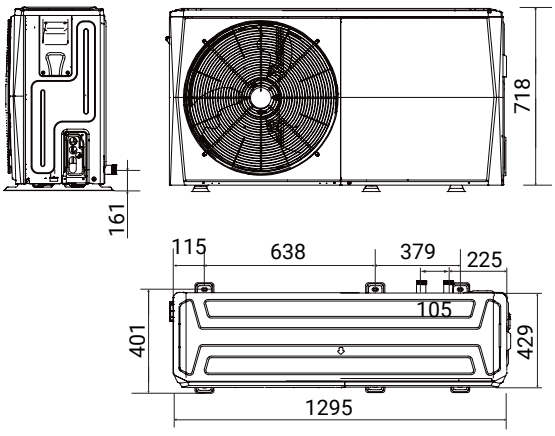
R32

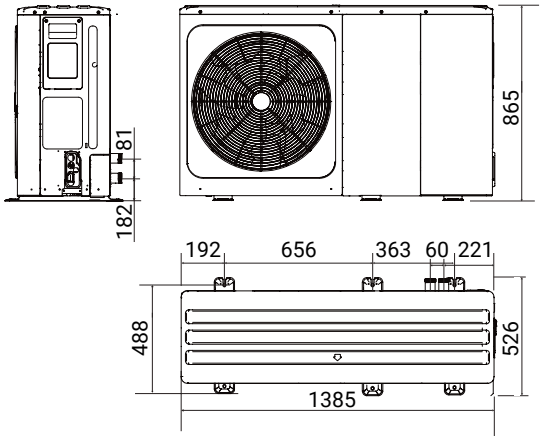
ENVIRONMENTALLY FRIENDLY

SUPPLEMENTAL ELECTRIC HEATING

5 YEAR WARRANTY

3 years full
5 year compressor warranty





TYPE			HPAW-4	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.

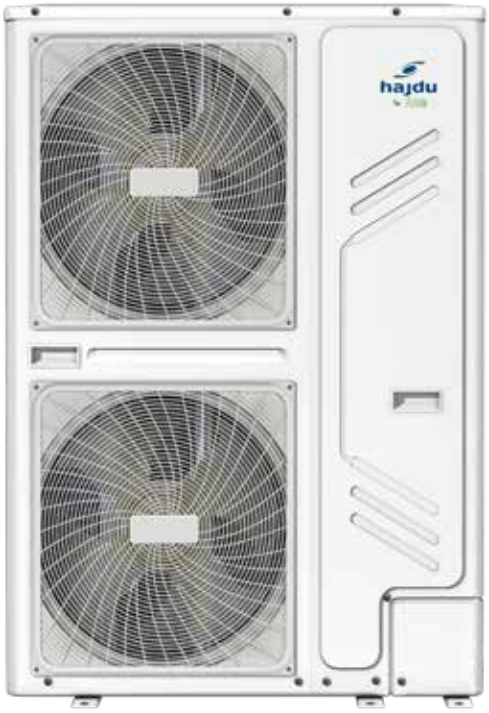
AIR-TO-WATER HEAT PUMP

SILENT

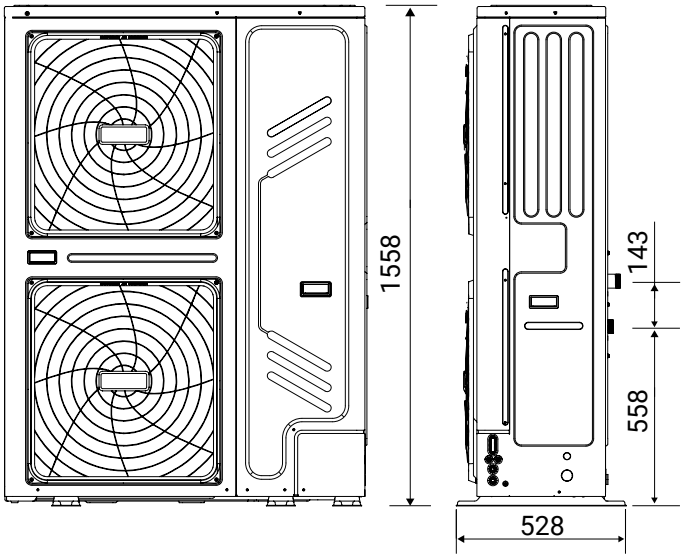
HIGH TEMPERATURE HEATING WATER

IT WORKS EVEN IN COLD AMBIENT TEMPERATURE

HPAW-18/22/26/30 **kW**



SUPPLEMENTAL ELECTRIC HEATING

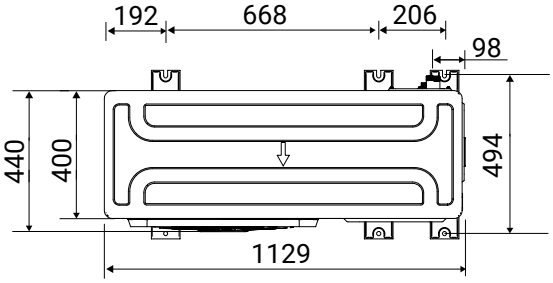


hajdu HPAW

R32 ENVIRONMENTALLY FRIENDLY

5 YEAR WARRANTY

3 years full
5 year compressor warranty



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			

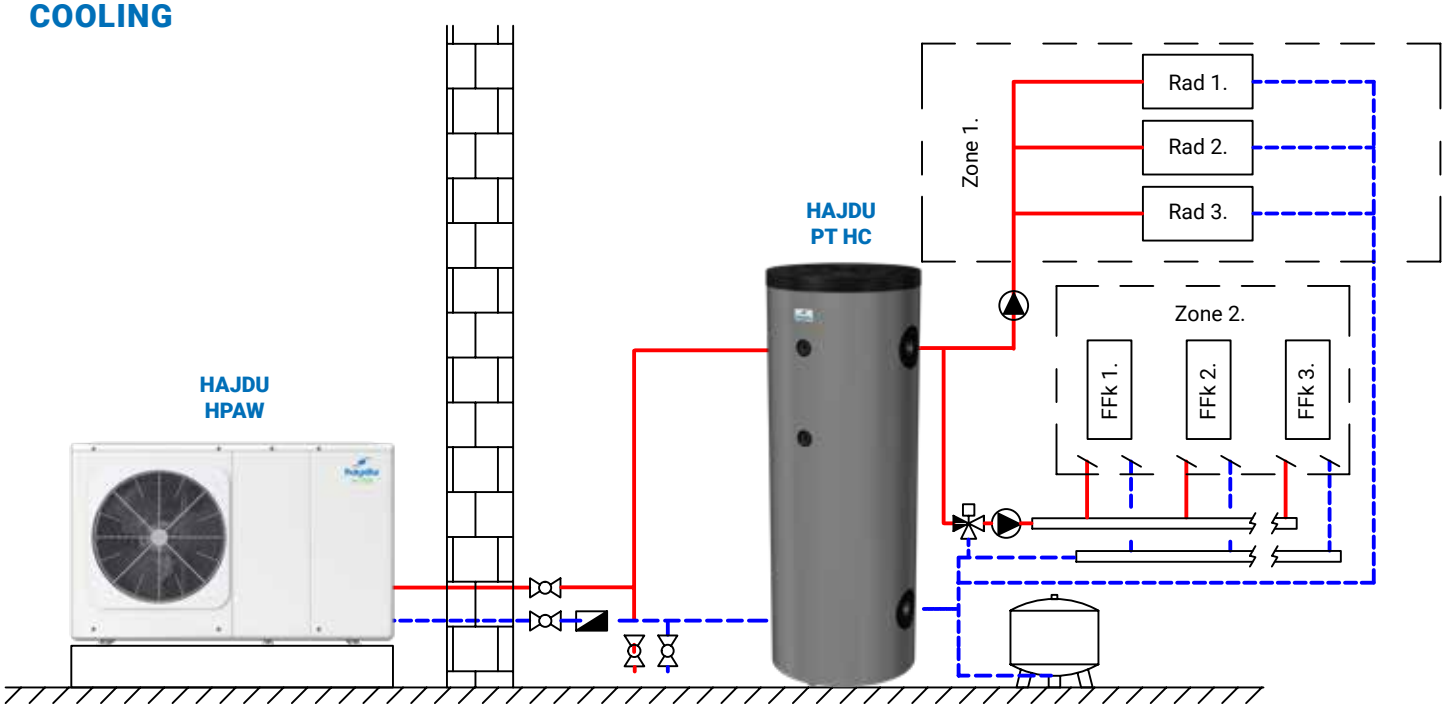
2. Outside air 7°C, 85% R.H., heating water in/out 40/45°C
6. Seasonal space heating energy efficiency class tests with average climate and normal conditions.
7. Testing standard: EN12102-1.
8. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02:2014.

RENEWABLE ENERGY

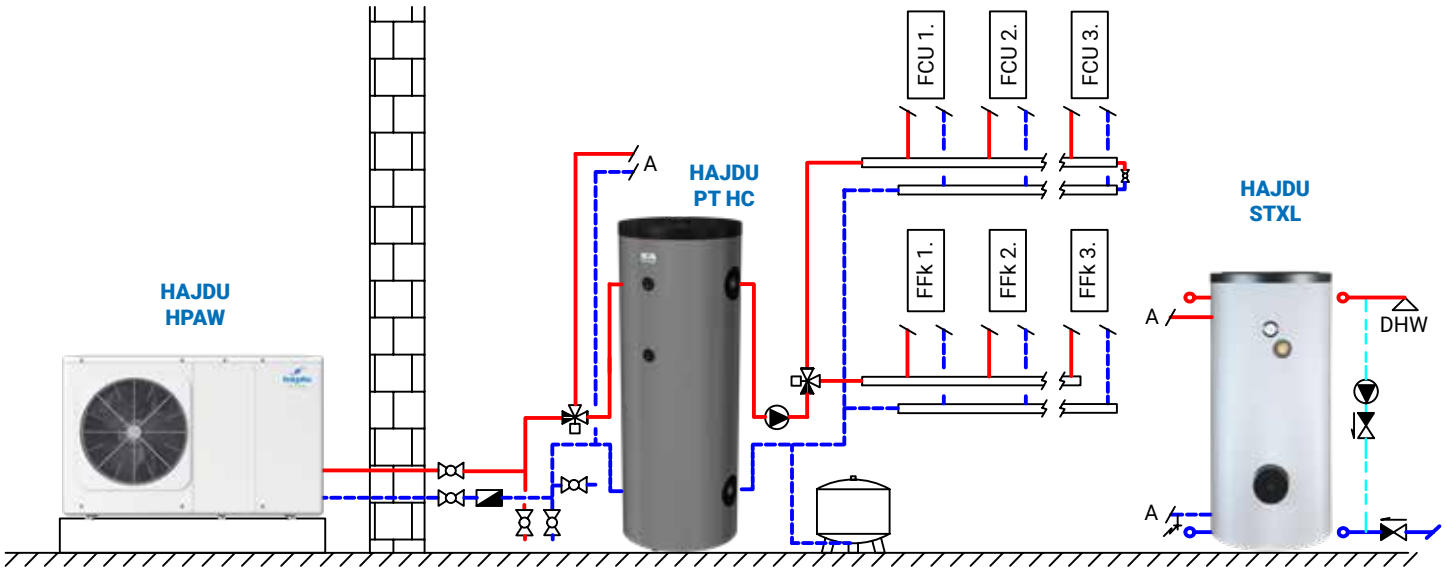
ENERGY SAVING

CAN BE CONTROLLED FROM MOBILE

HEAT PUMP FOR HEATING AND COOLING

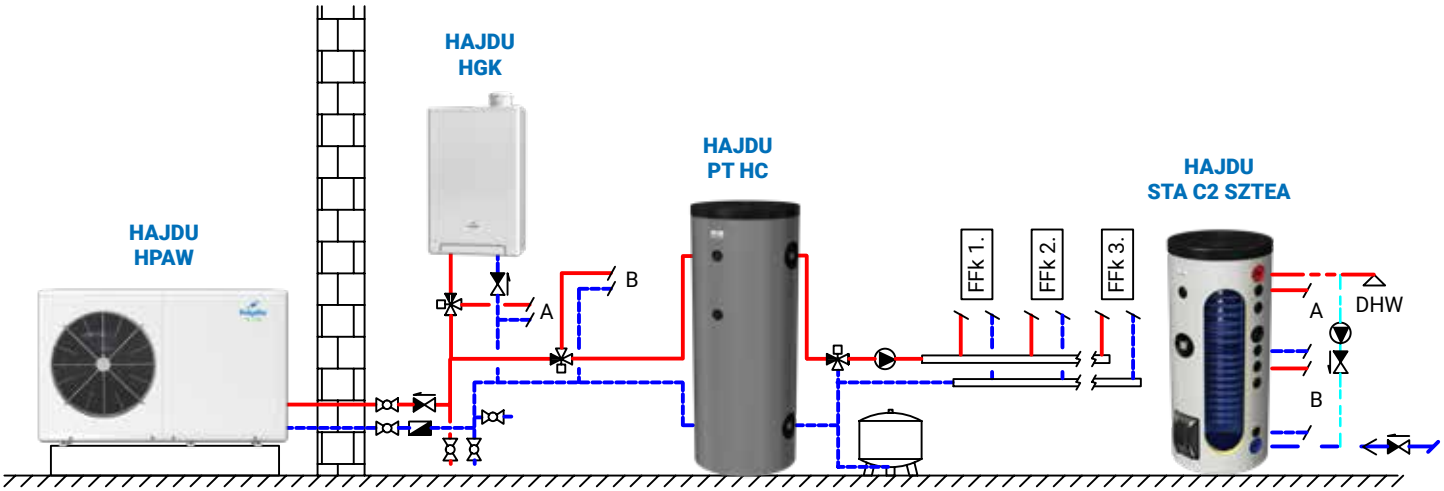


HEAT PUMP FOR HEATING, COOLING AND HOT WATER

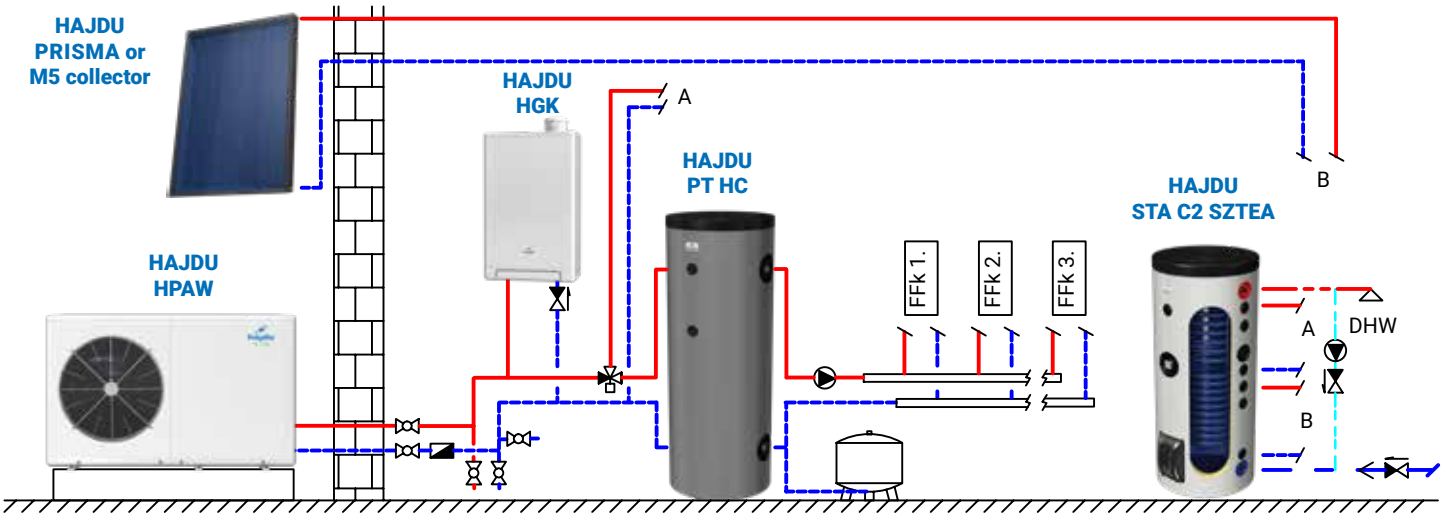


RENEWABLE ENERGY | ENERGY SAVING | CAN BE CONTROLLED FROM MOBILE

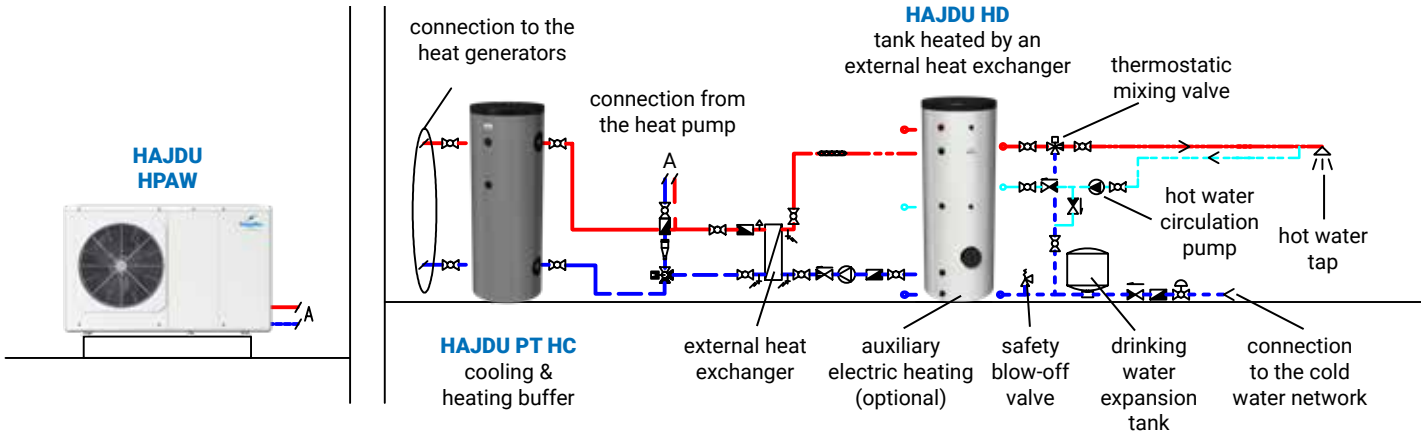
HYBRID SYSTEM FOR HEATING, COOLING AND HOT WATER



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



HD STORAGE CONNECTION DIAGRAM



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

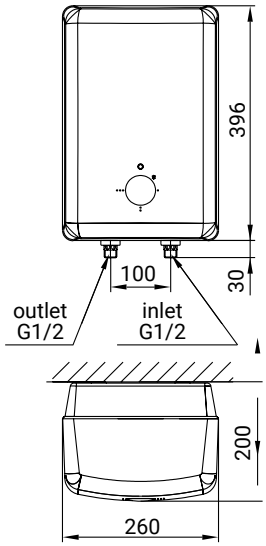
ADJUSTABLE WATER TEMPERATURE

FAUCET INCLUDED

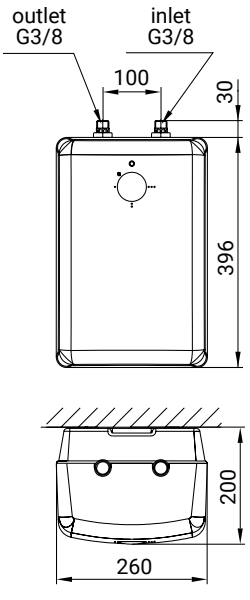
AQ 5 F

4 YEAR WARRANTY

1 years full
4 year tank warranty



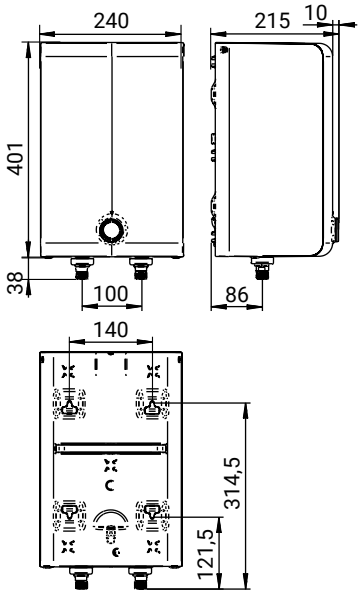
AQ 5 A



MC5

5 YEAR WARRANTY

2 years full
5 year tank warranty

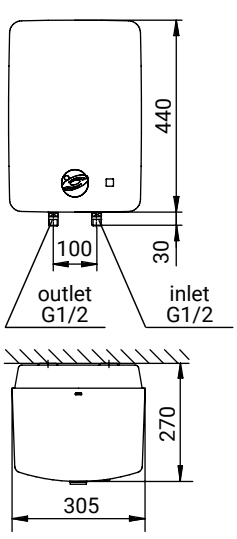


MCA5

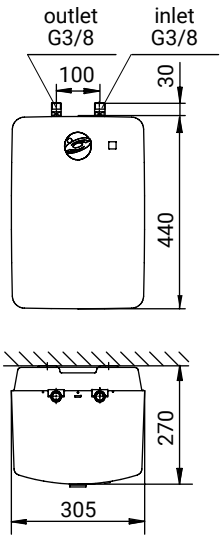
FT10

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	
Lenght [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

HEAT STORAGE FOR HOT WATER BASED CLOSED OR OPEN HEATING SYSTEMS

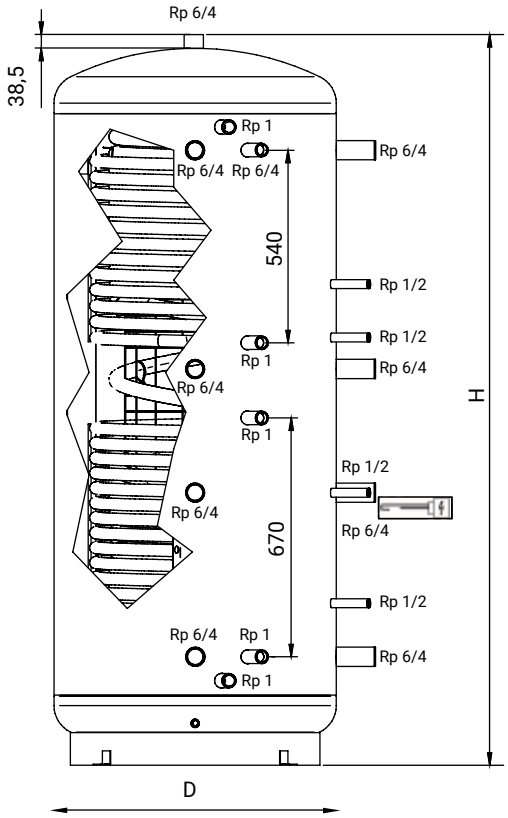
WITH DRAIN STUB

POSSIBILITY FOR INTEGRATION IN SOLAR SYSTEMS

PT...

3 YEAR WARRANTY

3 years full



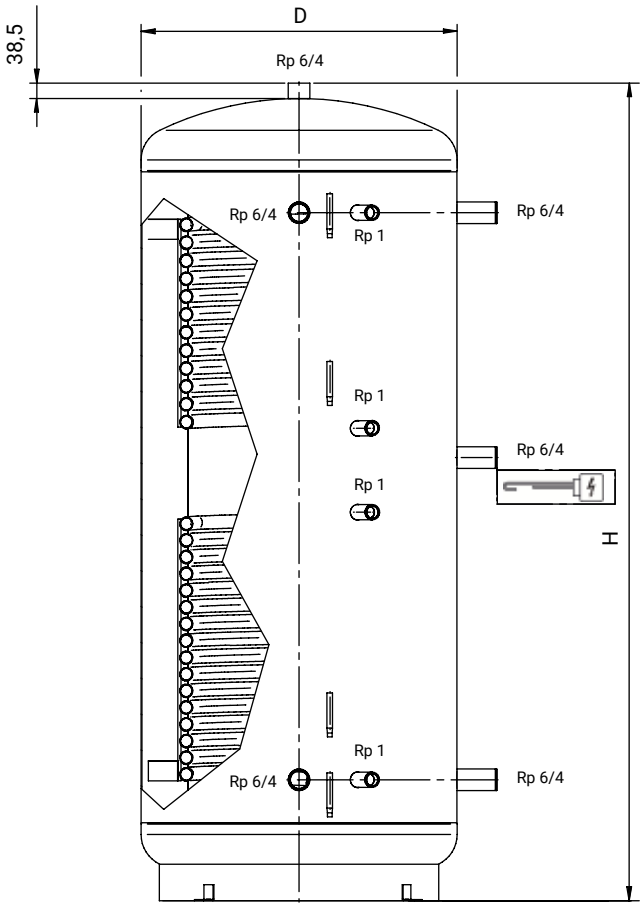
● *Supplied with insulation.*

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 [m²]	-	1,5	2,34				-	2,74				-	3,13				-
Surface of top heat exchanger [m²]	-			1			-		1,7			-		2,3		-	
Stainless steel heat exchanger [m²]	-		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

AQ PT... ErP



AQ PT... ErP

3 YEAR WARRANTY

3 years full

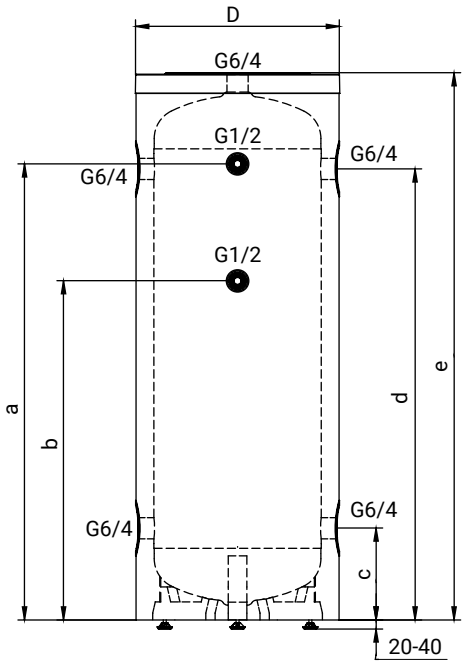
- *The tank is supplied without insulation.*

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														

OPTIONAL INTEGRATION INTO A COOLING SYSTEM

EXCELLENT CLOSED CELL INSULATION

PT HC...



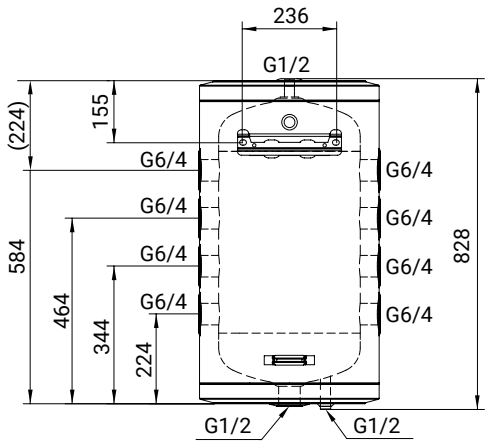
TYPE		PT HC 100	PT HC 200
Volume	[litre]	100	200
e (Height)	[mm]	874	1474
D (Diameter)	[mm]	546	
b	[mm]	433	913
c		247	
d		614	1214
a		628	1228
Water connection		G6/4	
Rated operating pressure	[MPa]	0,3	
Connection of heat sensor		G1/2	
Weight	[kg]	28	40
Heat loss	[W]	39	65
Energy efficiency class		B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

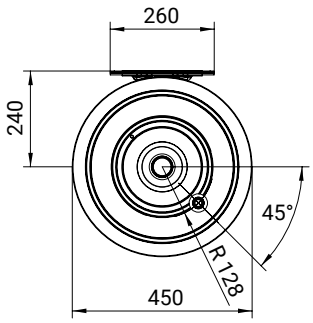
PT HC...F

3 YEAR WARRANTY

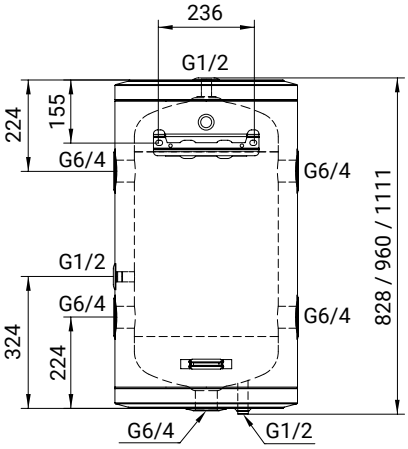
3 years full

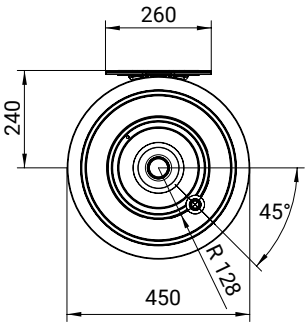
PT HC 60 F
(4+4 connections)





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]	829	960	1111	829
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 withdrawal locations and faucets with shower. The desired water temperature can be set using a knob. Non chimney vented models have the ODS (Oxigen 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

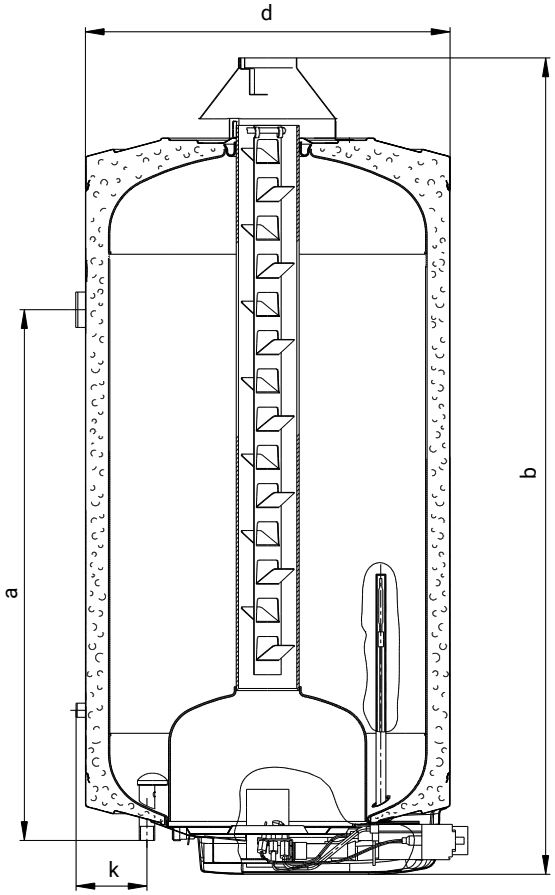
ENERGY CLASS „A"

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
b	[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

HGK SMART AND HGK

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	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	2				1,5		
DHW flow at 60 °C	6	7,5	9		6	7,5	9
DHW flow at 40°C	10	12,5	15		10	12,5	15
DHW temperature	60						
DHW supply time	<1						
Water heater efficiency	83	85		87	84	87	
HEATING							
Nominal output 80/60°C	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	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	0,3						
Max. heating water temperature	90						
Gas consumption (G20)	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	230						
Protection	IP44						
Energy consumption at full load	80			135	80		
Energy consumption in standby mode	2						
BOILER DIMENSIONS AND WEIGHT							
Height	590	650	710		590	650	710
Width	450						
Depth	240						
Weight	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

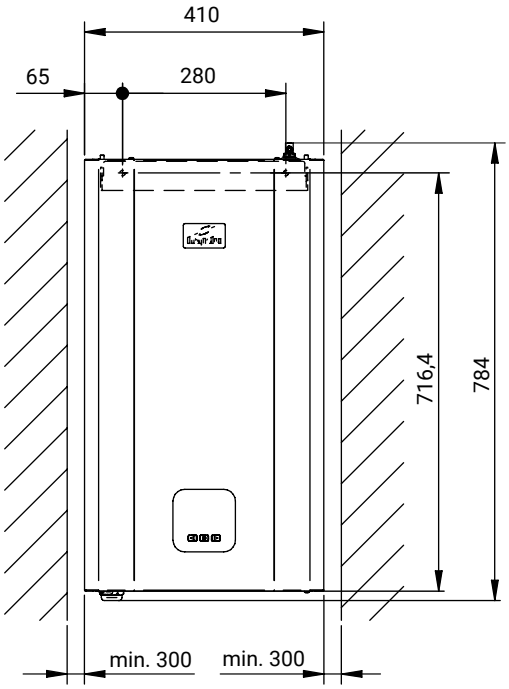
with renewable energy!

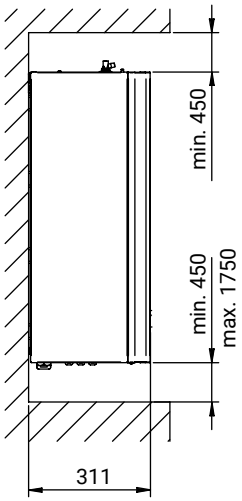
FOR HEATING AND DHW PRODUCTION

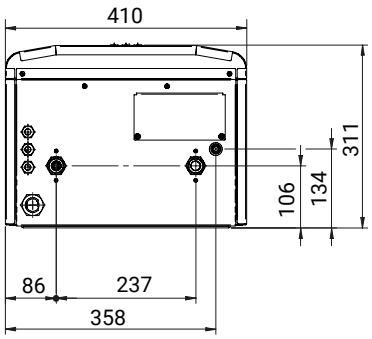
WIDE-RANGE POWER MODULATION

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
Lenght	[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

SOLAR COLLECTORS

Flat collectors

A solar collector produces heat energy directly from solar energy, which can be used for heating and water heating. (Not to be confused with solar panels, which convert solar energy into electricity.)

With a lifespan of several decades, Hajdu flat-plate solar collectors provide a long lifetime of proper operation. They can also withstand extreme weather conditions thanks to their tempered or special polymer-coated solar glass. It is less sensitive to overheating, as in summer evenings the control unit recirculates the hot water to cool the system.

Maintenance requirements every two years are much lower than for other technologies. Their monolithic design provides robust construction, corrosion protection, eliminates thermal bridges and gives a clean, modern look. Our Prisma models are manufactured to perfection to seal and vapour-proof the collector housing and the glass facade.

SELECTIVE FLAT PLATE COLLECTORS

70% ENERGY SAVING

VARIOUS ROOF MOUNTING KITS (FOR ANGLED AND FLAT ROOF)

RENEWABLE ENERGY

M5-210

PRISMA

5 YEAR WARRANTY

5 years full

TYPE		M5-210	Prisma 2.0
COLLECTOR			
Dimensions: height/width/thickness	[mm]	1696/1230/86	1625/1235/85
Weight	[kg]	42	29
Gross surface area	[m²]	2,09	2
Cover		3,2 mm heat treated glass	3,2 mm heat treated glass
Glass surface (aperture)	[m²]	1,96	1,91
ABSORBER			
Type		1,99	1,90
Material		Selectively coated 0,5 mm aluminium plate and copper tube, D = 8 mm	Selectively coated 0,3 mm aluminium plate and copper tube, D = 8 mm
Coating		selective	selective
Absorption factor		a > 0,95	a > 0,96
Emission factor		e < 0,035	e < 0,03
Optical efficiency η_{0b}		0,795	0,78
Maximum efficiency η_0		0,78	0,76
Efficiency factor a_1	[W/(m²K)]	3,75	2,99
Efficiency factor a_2	[W/(m²K)]	0,016	0,027
Volume	[litre]	1,6	1,38
INSULATION AND HOUSING			
Insulating material		rock wool	glass wool
Insulation thickness	[mm]	40	30
Casing (frame/back plate)		anodised aluminium	Pre-painted zinc coated alloy-steel
Sealing		EPDM	Colofast (BASF)
Connector size	[mm]	22	22
LIMIT VALUES			
Maximum operating temperature	[°C]	175,7	180
Maximum operating pressure	[MPa]	1	1
Energy output (Germany, Würzburg)	[kWh/m²/year]	1026	947
CERTIFICATION			
EN 12975-2/ISO 9806-1- Solar Keymark National Technical Assessments (NMÉ) (Government Decree No. 275/2013 (VII.16.))			

SOLAR SYSTEMS

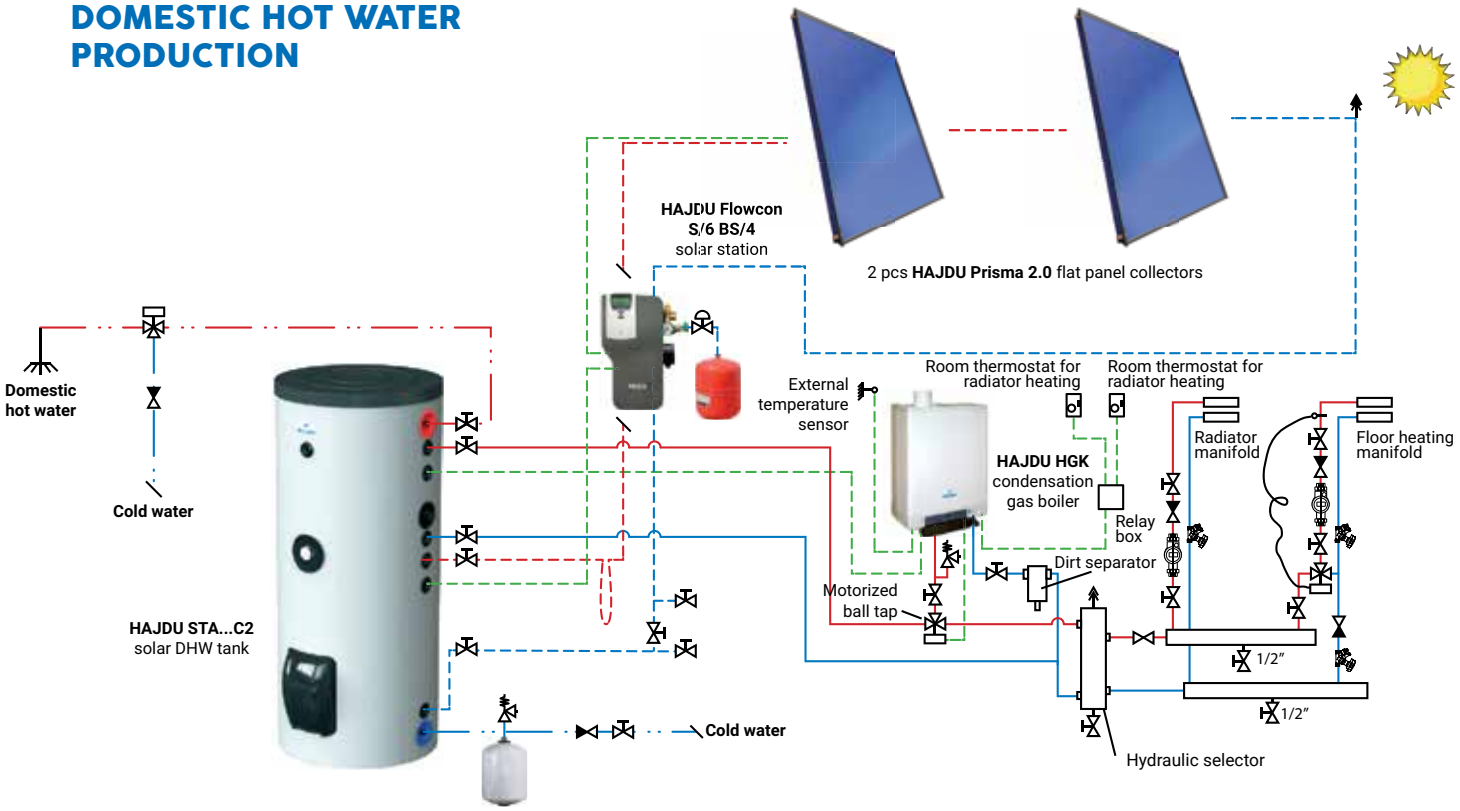
Solar collectors absorb sunrays and transform them into heat, which is then delivered to the antifreeze fluid circulated inside of it. The absorber surface of the collectors has a special selective coating, which guarantees high efficiency, good heat resistance and long service life. A pump helps to transfer the fluid from the collector to the hot water tank, where it passes the solar energy through an internal heat exchanger.

The functioning of the system is constantly monitored by a solar regulator that starts or stops the pump depending on the temperature measured by sensors.

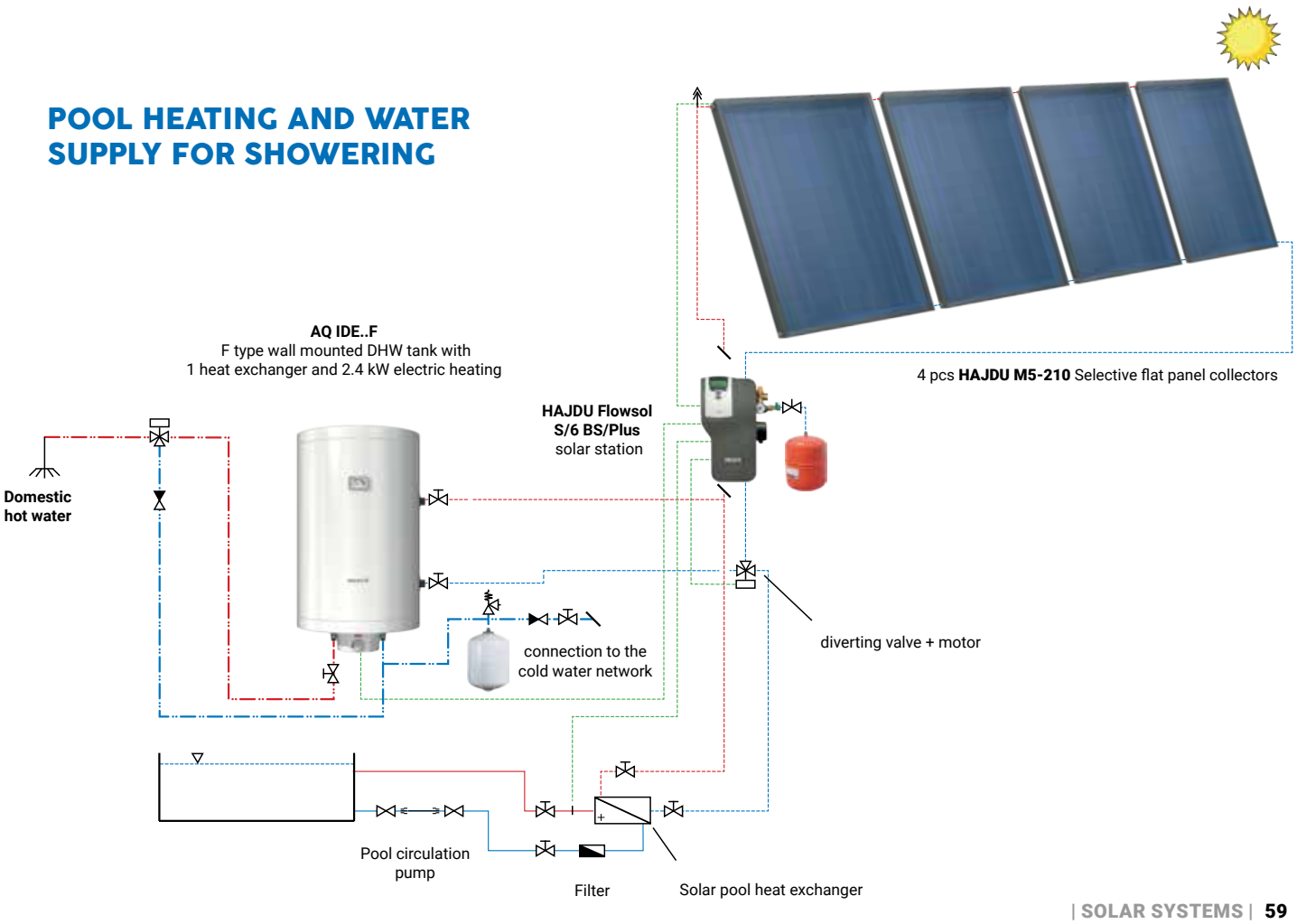
Solar systems can be added auxiliary electric heating built into the storage tank or central heating support. For solar collectors, the other elements required to operate the system - hot water storage tank, solar control, expansion tank - are also available.

In addition to the solar collectors, our company also provides all additional components required for functioning of the system (storage tank, solar regulator, expansion vessel). Solar energy produced by these appliances can – in the case of water heating – supply 70–80% of the annual energy demand.

DOMESTIC HOT WATER PRODUCTION



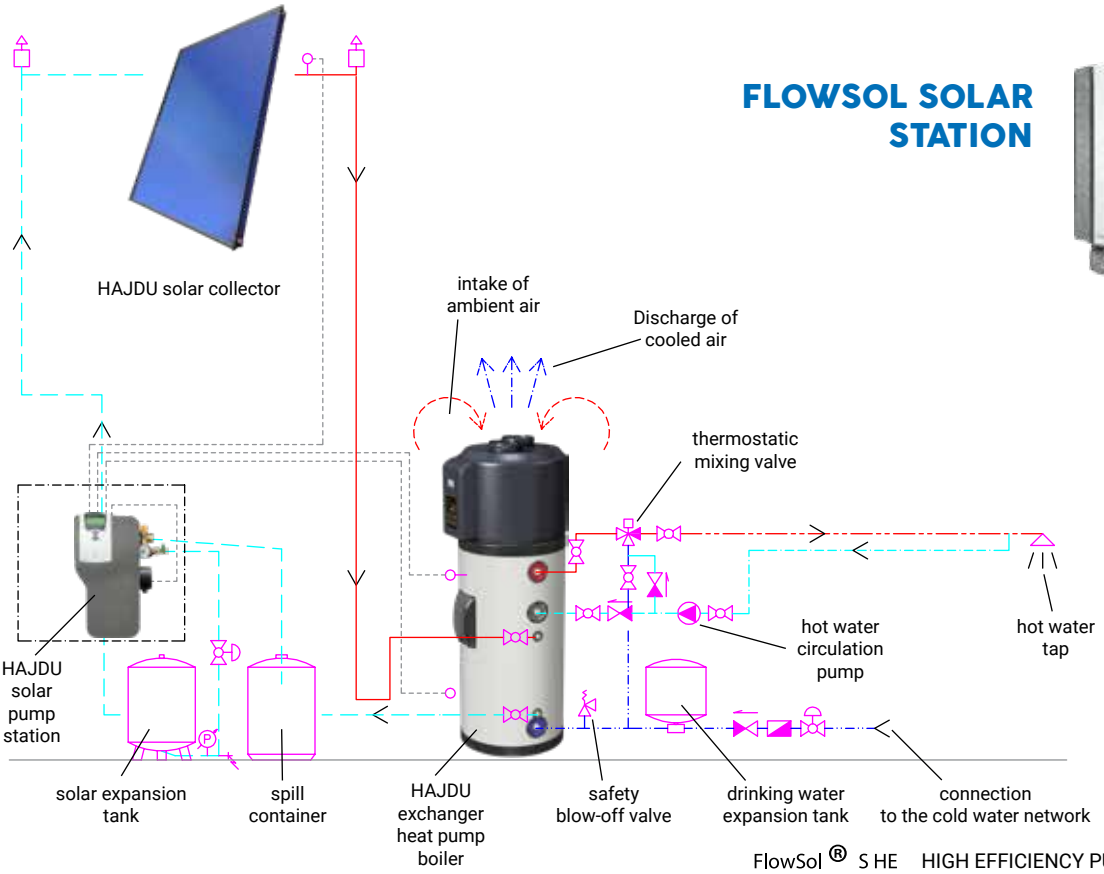
POOL HEATING AND WATER SUPPLY FOR SHOWERING



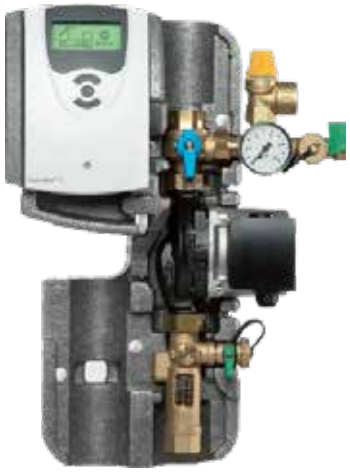
SOLAR SYSTEMS

70% ENERGY SAVING

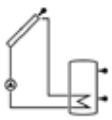
RENEWABLE ENERGY



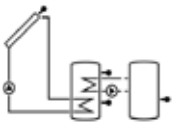
FLOWSOL SOLAR STATION



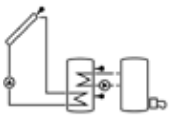
FLOWSOL SYSTEM DESIGNS



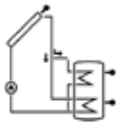
Normal solar system



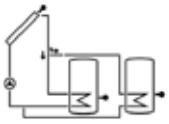
Solar system with heat exchanger



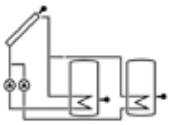
Solar system with reheating



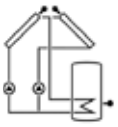
Solar system tanks with layer filling



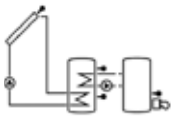
2 tank solar system with valve logic



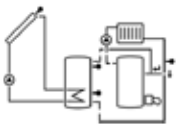
2 tank solar systems with pump logic



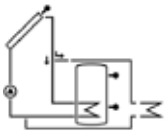
Solar system with 2 collectors and 1 storage tank



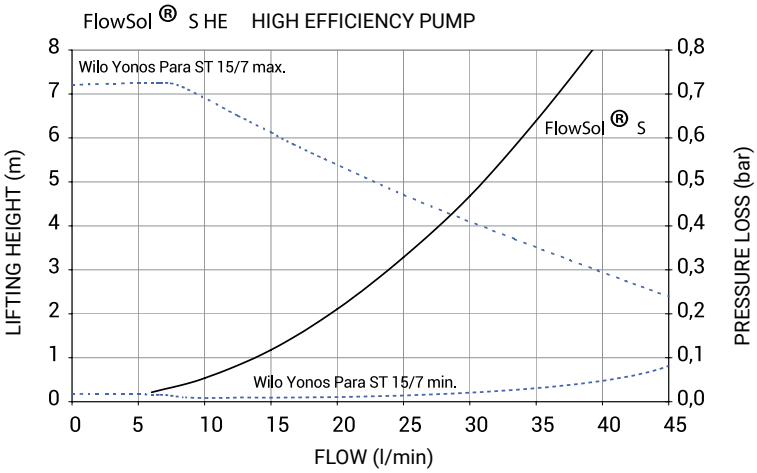
Solar system with reheating by solid-fired boiler



Solar system with return temperature increase in heating circuit



Normal solar system with residual heat removal



TECHNICAL SPECIFICATIONS

Accelerating pump		Wilo Yonos Para ST 15/7.0 PWM2 ERP ready
ErP power consumption (at 50% power)	[W]	23
Safety valve	[bar]	6
Pressure gauge	[bar]	0..10
Flowmeter	[litre/minute]	1..13
Closing assembly		1 pc one-way ball valve + 1 pc ball valve in the rotameter
Filling & discharge assembly		2 pcs ball valves
Expansion tank connection		RP ¾"
Connector size for solar circuit lines		RP ¾"
Maximum medium temperature		95°C
Maximum pressure	[bar]	6
Medium		solar anti-freeze agent, mixture of propylene glycol and water up to 1: 1 dilution ratio
Dimensions (measured with thermal insulation)	[mm]	430 x 223 x 193
Materials and fittings		brass
Seals		AFM 34
Thermal insulation foam		EPP

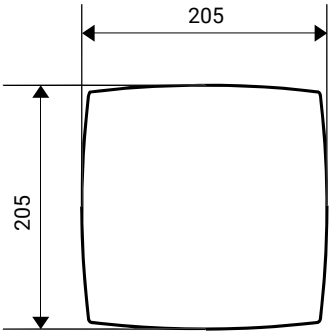
SINGLE ROOM ENERGY RECOVERY VENTILATOR

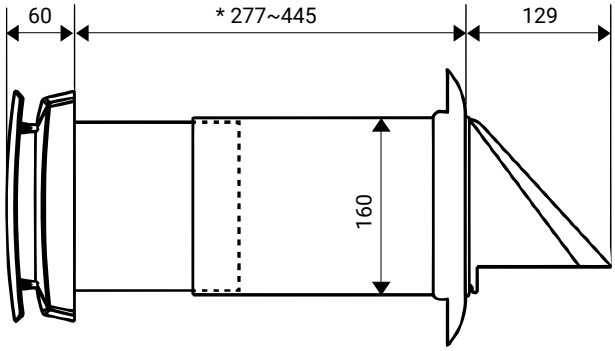
UP TO 97% HEAT RECOVERY EFFICIENCY

CO_2 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 YEAR WARRANTY

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

6419991067

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

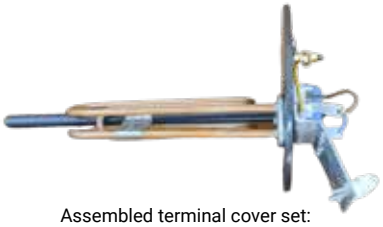
6104550256

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

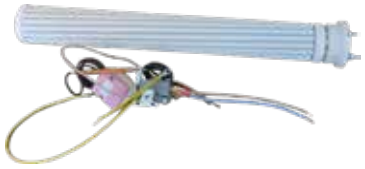
2419991061

For information about spare parts, please visit the product pages at www.hajdurt.hu.

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

Tubular heating element:
2.4 kW, 230 V, single-phase

6297129607

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

For information about spare parts, please visit the product pages at www.hajdurt.hu.

HAJDU Hajdúsági Ipari Zrt.

4243 Téglás, külterület 0135/9. hrsz.

phone: +36 52 582 700 • email: hajdu@hajdurt.hu

www.hajdurt.hu

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

designed by ENDESIGN Studio | www.endesign.hu | info@endesign.hu