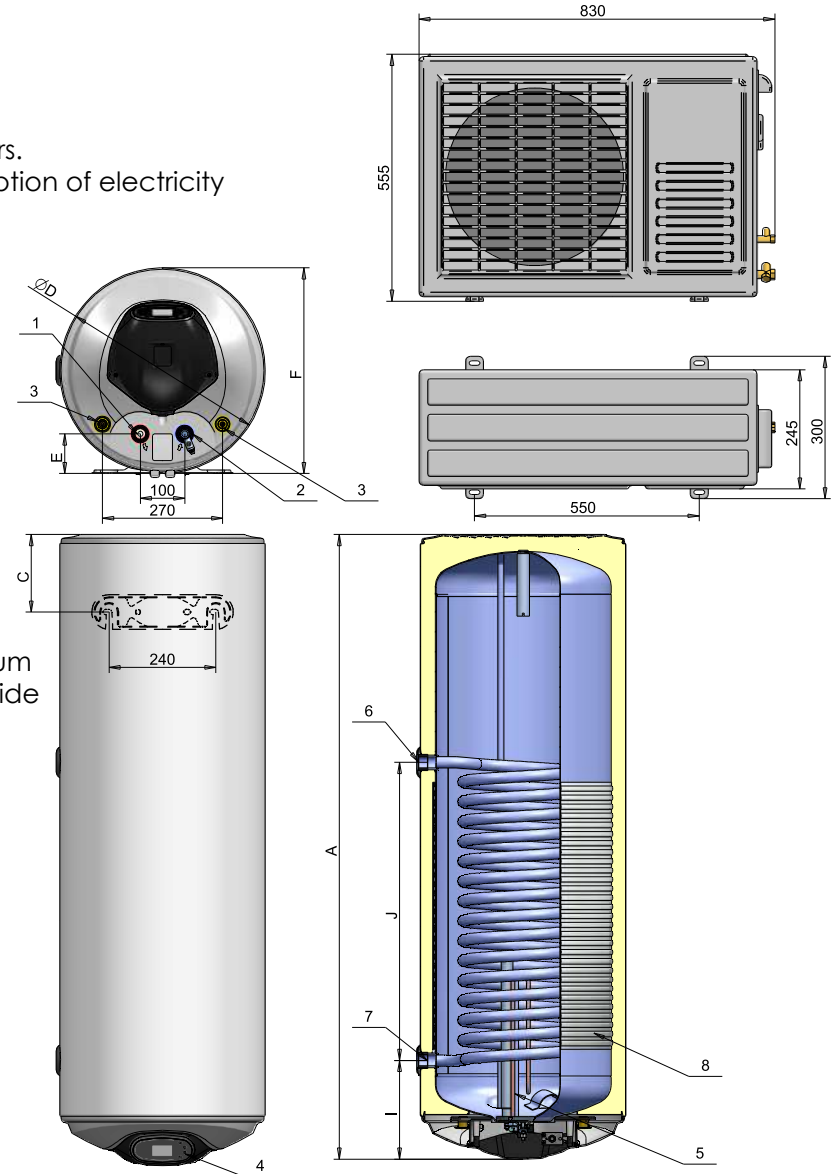




We present to you the YGHP Heat Pump Water Heaters with capacity 120 and 150L. They are the last generation “air-water” type with the highest class of energy efficiency. The Heat Pump Water Heaters successfully replace the traditional electrical water heaters. The models with heat exchangers work throughout the whole year with minimal consumption of electricity thanks to their connection to a secondary energy source.

Description

- Over three times less power consumption – COP up to 1:3,4
- Easy replacement of your old electrical water heater due to the identical dimensions
- Affordable investment – the costs are refunded in a period of up to 3 years
- Maximum temperature of 55°C of the water heated by the air energy
- Optional additional heating up to 75°C by means of an electrical heating element
- Japanese electronic thermal valve providing high efficiency of the heat pump even if the external temperature is low
- Innovative condenser – YGHP Heat Pump Water Heater is equipped with aluminium heat exchanger with big heat exchanging area which is covering the tank from the outside
- Smart electronic control from the highest class incorporated in the water heater
- Legionella protection function
- Models with a heat exchanger
- For maximum efficiency of the Heat Pump System, we recommend no more than 8 meters distance between the water heater and the compressor.





SPECIFICATIONS

Energy efficiency class	...	A	A	A	A
Rated voltage	V~	230	230	230	230
Volume range	L	120	150	120	150
Rated pressure	MPa	0,7	0,7	0,7	0,7
Rated electric heating capacity	W	2000	2000	2000	2000
Heat exchanger surface area	m ²	-	-	0.65	0.89
Heat exchanger inside volume	L	-	-	3.15	4.3
Thermal power heat exchanger according EN 12897 (15-60°C; 15 l/min; 80°C)	kW	-	-	11.5	16.7
Warm-up time from 15-60 °C with heat exchanger (15 l/min; 80°C) (EN 12897)	min	-	-	20	21
Pressure drop across the coil	mbar	-	-	50	55
Net weight indoor unit	kg	38	47.5	46	55
Outdoor unit model	...	YASB-01 0	YASB-01 0	YASB-01 0	YASB-01 0
Rated heat pump heating capacity	W	1500	1500	1500	1500
Rated heat pump power input	W	500	500	500	500
Max heat pump power input	W	850	500	500	500
	kg	0.85	0.85	0.85	0.85
Refrigerant R134A	Tonnes CO ₂ Equivalent	1.22	1.22	1.22	1.22
	GWP	1430	1430	1430	1430
Working heat pump temperature range	°C	-5 ÷ 42	-5 ÷ 42	-5 ÷ 42	-5 ÷ 42
Max high pressure (Refrigerant circuit)	MPa	2.7	2.7	2.7	2.7
Net weight outdoor unit	kg	27	27	27	27
CONNECTIONS					
1: Hot water outlet		G1/2 M	G1/2 M	G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 M	G1/2 M	G1/2 M	G1/2 M
3: Refrigerant connections		1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8
4: Control panel		•	•	•	•
5: Flange with a heating element		•	•	•	•
6: Heating coil - Feed		G3/4 F	G3/4 F	G3/4 F	G3/4 F
7: Heating coil - Return		G3/4 F	G3/4 F	G3/4 F	G3/4 F
8: Aluminium roll-band condenser		•	•	•	•
DIMENSIONS					
A	mm	1170	1420	1170	1420
C	mm	185	185	185	185
D	mm	462	462	462	462
E	mm	96	96	96	96
F	mm	484	484	484	484
G	mm	33	33	33	33
I	mm	230	230	230	230
J	mm	670	670	670	670