
HEAT
EXPERT
Heat pumps
for your home

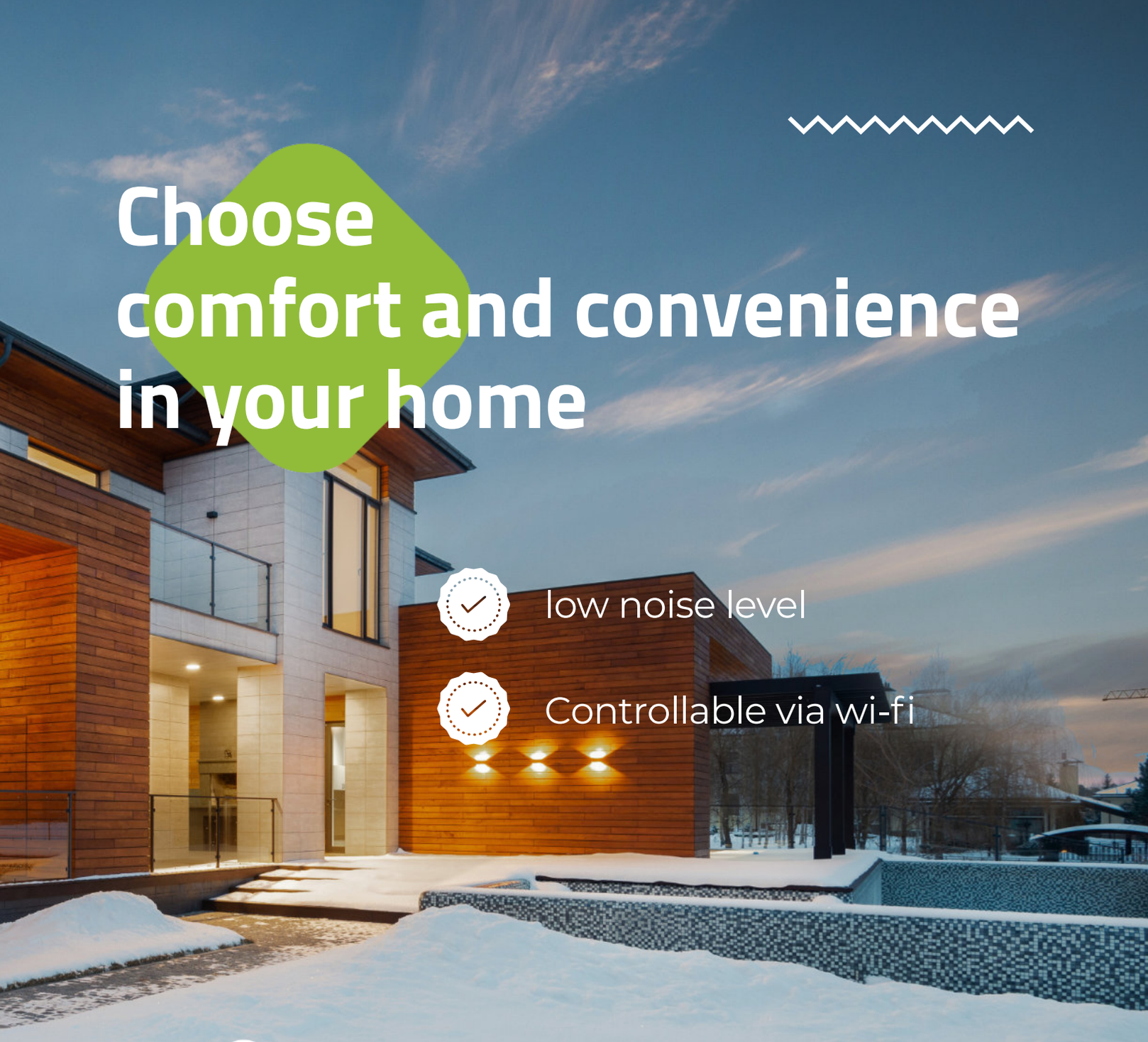
HEAT EXPERT

Heat pump

HEAT EXPERT 16

Dimensions: 1343x1050x425
Net weight: 150 kg
Noise level: ≤ 52dB(A)
Power source: 380V-Falownik–3N/50Hz
Rated power consumption: 7500W
Rated current: 12,9A
Circulation pump: WILO RS25/8
Maximum water elevation: 8 m
Diaphragm tank: 5L
Rated water flow: 3.5m3/h
Refrigerant: R32 / 2300g

Housing option:
Standard and Premium - available in
in white and anthracite (shown)



Choose comfort and convenience in your home

- low noise level
- Controllable via wi-fi

Nominal DHW output	Nominal Heating capacity	Nominal cooling capacity
4500 - 20000 W	**5500 - 21000 W**	**4800 - 14500 W**
DHW power input	Heating power input	Cooling power input
2000 - 5500 W	**2000 - 5500 W**	**2000 - 5500 W**

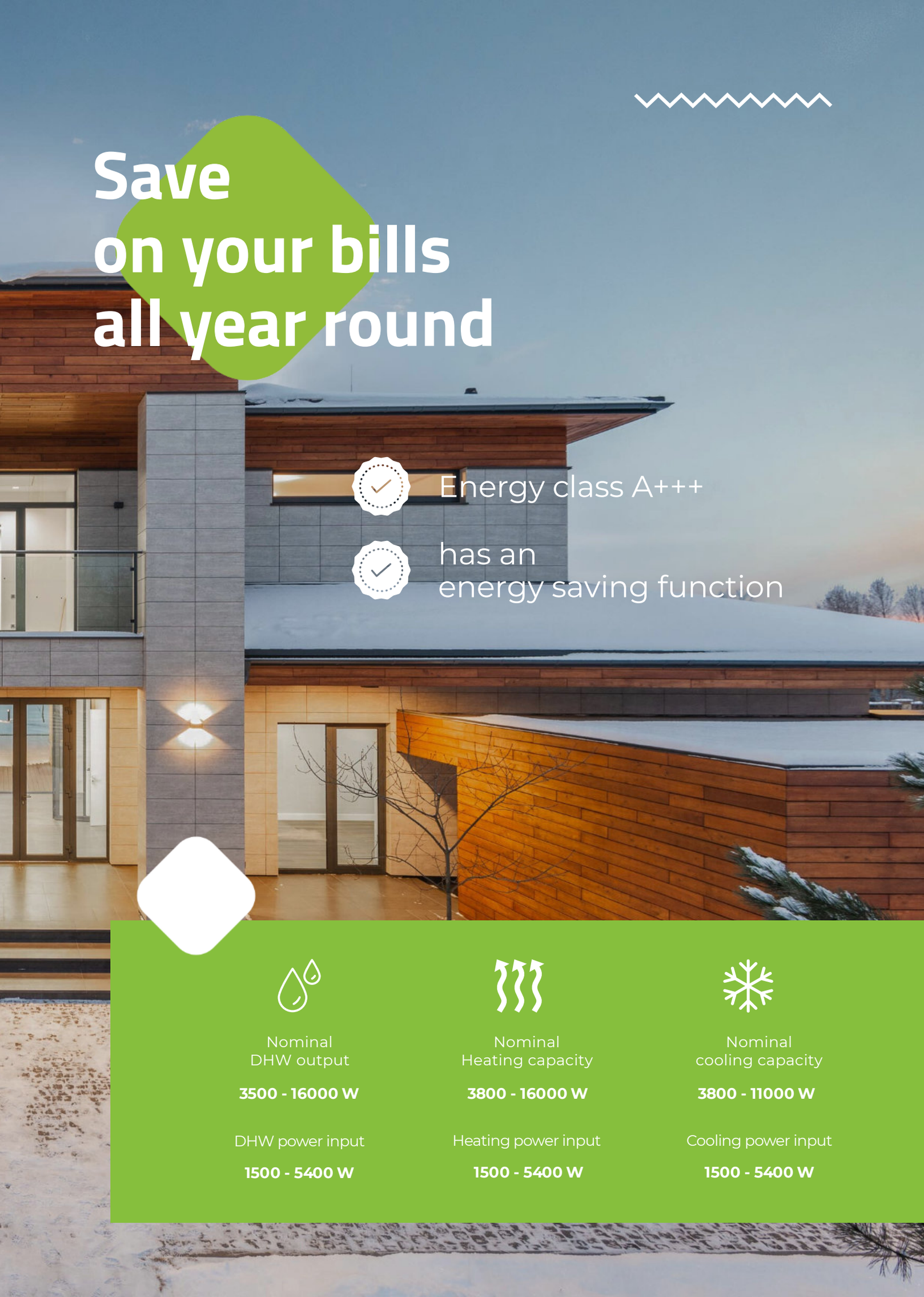
HEAT EXPERT

Heat pump

HEAT EXPERT 12

Dimensions: 1343x1050x425
Net weight: 140 kg
Noise level: ≤ 50dB(A)
Power source: 380V-Falownik–3N/50Hz
Rated power consumption: 3650W
Rated current: 15A
Circulation pump: WILO RS25/8
Maximum water elevation: 8 m
Diaphragm tank: 5L
Rated water flow: 2.7m3/h
Refrigerant: R32 / 2150g

Housing option:
Standard and Premium - available in
in white and anthracite (shown)



Save on your bills all year round

- Energy class A+++
- has an energy saving function

Nominal DHW output	Nominal Heating capacity	Nominal cooling capacity
3500 - 16000 W	**3800 - 16000 W**	**3800 - 11000 W**
DHW power input	Heating power input	Cooling power input
1500 - 5400 W	**1500 - 5400 W**	**1500 - 5400 W**

HEAT EXPERT

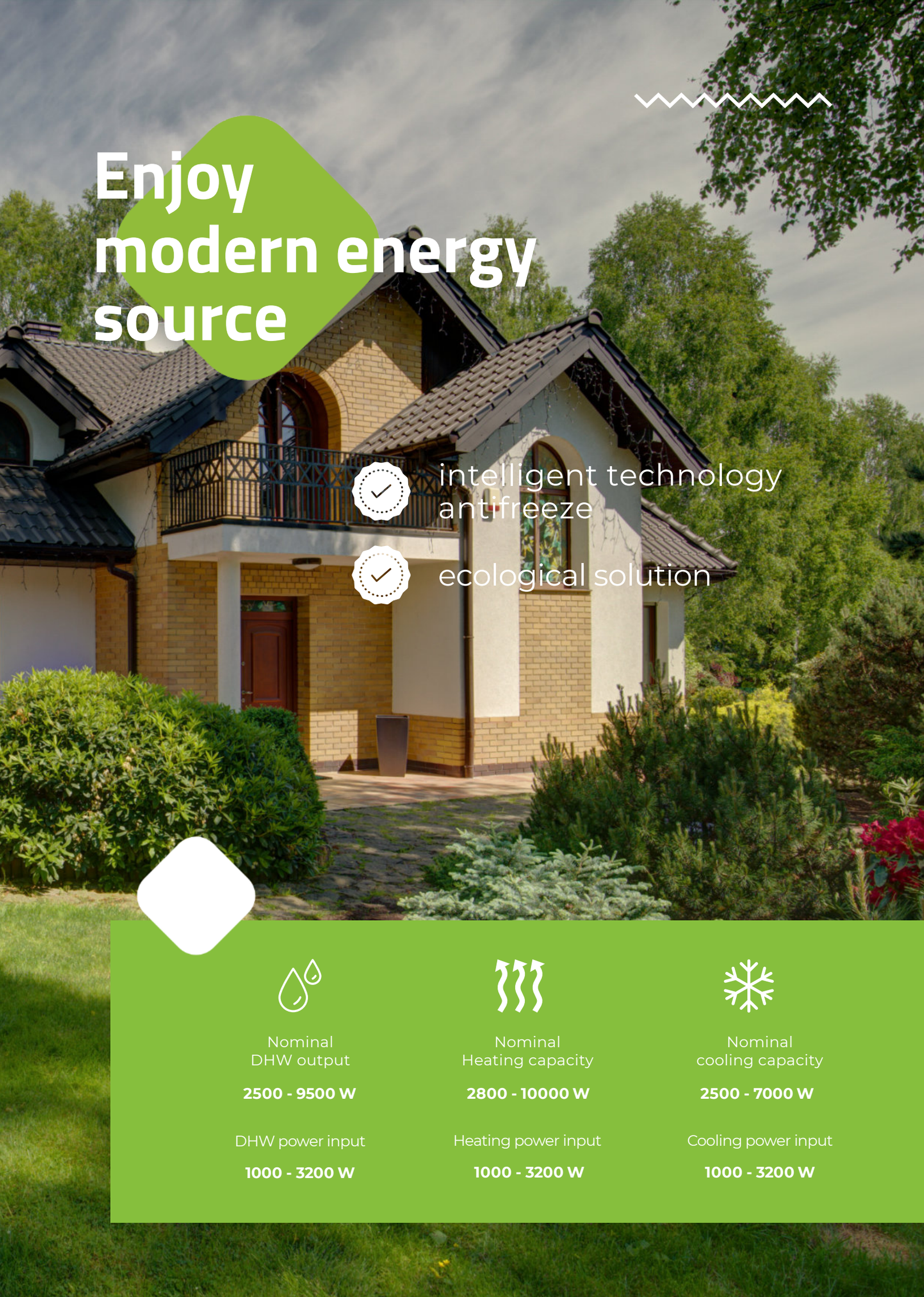
Heat pump

HEAT EXPERT 8

Dimensions: 1050x470x838
Net weight: 100 kg
Noise level: ≤ 49dB(A)
Power source: 220V-240V Inverter-1N
Rated power consumption: 2500W
Rated current: 11A

Circulation pump: WILO RS15/6
Maximum water elevation: 6 m
Diaphragm tank: 2L
Rated water flow: 1.7m3/h
Refrigerant: R32 / 1300g

Housing option:
Standard (pictured)



Enjoy modern energy source

- intelligent technology antifreeze
- ecological solution

Nominal DHW output	Nominal Heating capacity	Nominal cooling capacity
2500 - 9500 W	**2800 - 10000 W**	**2500 - 7000 W**
DHW power input	Heating power input	Cooling power input
1000 - 3200 W	**1000 - 3200 W**	**1000 - 3200 W**

Heat pumps:

- HEAT EXPERT 16
- HEAT EXPERT 12
- HEAT EXPERT 8

designed for buildings with a surface area from 150 to 250 m2

work with any type of heating installation

Degree of water resistance	IPX4
Water tightness	class I
Built-in heater power	3000W
Built-in heater voltage	14A
Maximum working gas inlet/outlet pressure	4.2MPa
Maximum boiler working pressure high/low pressure	4.2MPa
Maximum operating pressure of heat exchanger	4.2MPa
COP at ambient temperature 7°C-25°C	3.5-4.9
Inlet pipe diameter	DN25
Outlet pipe diameter	DN25
Plate heat exchanger	SWEPP plate heat exchanger
Compressor	Panasonic twin compressor
Maximum water temperature	60°C

Wired controller

Management of the heat pump settings takes place is managed using the intuitive wired controller. It is equipped with an easy-to-read display with touchscreen buttons. Thanks to built-in temperature sensor, the controller can be used as a room thermostat. An additional solution is the possibility of controller can be managed remotely using WIFI network.

czyste powietrze
zdrowy wybór

Twój wybór!

Clean Air Programme

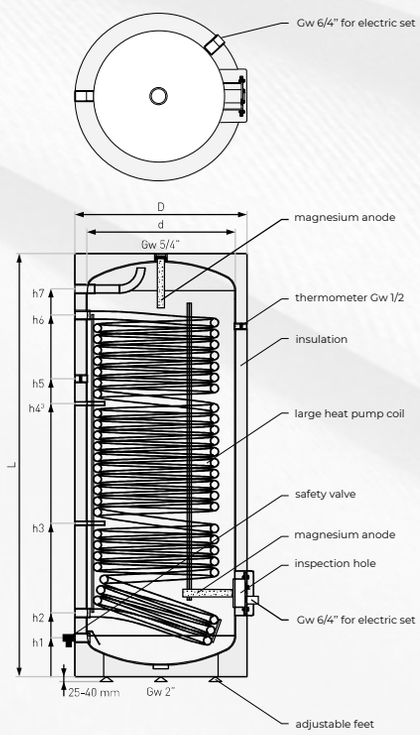
Subsidies

Subsidies for the replacement of old cookers and insulation of single-family houses

The aim of the "Clean Air Air Programme" is to improve air quality air quality and to reduce greenhouse gas emissions by replacing heat sources and sources and improving the energy efficiency of energy efficiency of single-family dwellings.

Domestic hot water heat exchangers with large spiral coil for heat pumps

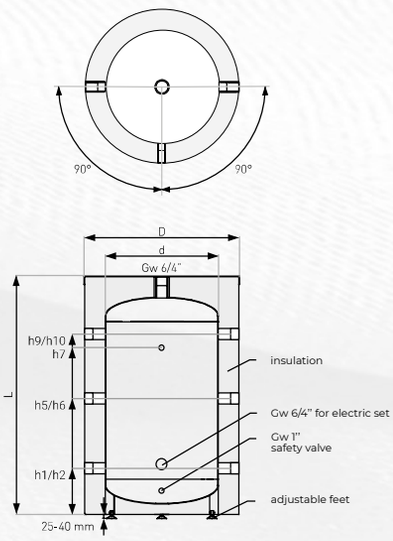
Specification		units	160	200	250	300	400	500
Storage volume		l	160	193	241	297	386	484
ErP polyurethane foam		-	B	B	B	B	C	B
Max. working pressure of the tank		MPa	1,0	1,0	1,0	1,0	1,0	1,0
Maximum operating pressure of coil		MPa	1,6	1,6	1,6	1,6	1,6	1,6
Maximum operating temperature of tank		°C	95	95	95	95	95	95
Maximum operating temperature of coil		°C	110	110	110	110	110	110
Coil surface area		m^2	1,4	2,0	2,4	4,7	3,8	4,3
Coil volume		l	9,8	14,0	17,0	18,9	26,5	30,5
Coil power (80/10/45°C)		kW	44,8	50,0	56,4	64,0	91,0	102,0
Coil power (80/10/60°C)		kW	28,0	40,0	48,8	55,0	77,5	87,0
Coil output (50/10/45°C)		kW	10,0	14,0	16,8	19,0	28,0	31,0
Coil capacity (80/10/60°C)		l/h	485	693	832	953	1342	1507
Heating water demand from central heating boiler		m^3/h	3,0	3,0	3,0	3,0	3,0	3,0
Maznez anode	upper bottom (plug 5/4'')	mm	38x200	38x400	38x400	38x400	38x400	38x600
	inspection hole (screw M8)	mm	38x200	38x200	38x200	38x200	38x400	38x200
h1 - cold water inlet (Gw)		''/mm	1/130	1/130	1/130	1/130	1/155	1/180
h2 - return from the coil (Gw)		''/mm	1/205	1/205	1/210	1/205	1/255	1/280
h3 - I sensor cover (Ø)		''/mm	3/8/370	3/8/425	3/8/570	3/8/435	3/8/615	3/8/560
h4 - sensor cover I (Ø)[3]		''/mm	-	-	-	3/8/1050	3/8/1095	3/8/1260
h5 - circulation (Gw)		''/mm	3/4/555	3/4/655	3/4/860	3/4/1145	3/4/1195	3/4/1370
h6 - coil supply (Gw)		''/mm	1/685	1/900	1/1080	1/1250	1/1450	1/1615
h7 - hot water outlet (Gw)		''/mm	1/760	1/975	1/1160	1/1355	1/1555	1/1735
d - internal diameter		mm	550	550	550	550	600	630
D - external diameter		mm	670	670	670	670	700	755
L - height		mm	920	1140	1300	1615	1750	1950
Net weight		kg	76	95	117	125	185	235



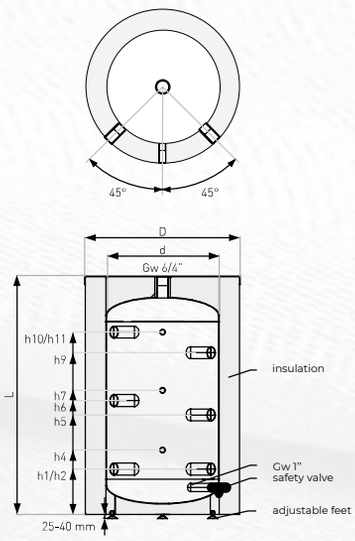
Buffer tanks
for heating and cooling

Specification	units	100	200	300	400	500
Storage volume	l	107	223	322	396	467
ErP polyurethane foam	-	B	B	B	C	C
Maximum operating temperature of tank	°C	95	95	95	95	95
Minimum working temperature of the tank	°C	6	6	6	6	6
Maximum operating pressure of tank bar	bar	3	3	3	3	3
h1 - boiler water (Gw)	‘’/mm	6/4/180	6/4/220	6/4/220	6/4/250	6/4/250
h2 - boiler water (Gw)	‘’/mm	6/4/180	6/4/220	6/4/220	6/4/250	6/4/250
h3 - boiler water (Gw)	‘’/mm	-	-	6/4/410	6/4/445	6/4/485
h4 - sleeve for sensor cover I (Ø)	‘’/mm	-	1/2/315	1/2/500	1/2/565	1/2/565
h5 - boiler water (Gw)	‘’/mm	6/4/495	6/4/485	6/4/600	6/4/635	6/4/715
h6 - boiler water (Gw)	‘’/mm	6/4/495	6/4/555	6/4/785	6/4/825	6/4/945
h7 - sleeve for sensor cover II (Ø, 100-200l) or boiler water (Gw, 300-500l)		1/2/765	1/2/605	6/4/975	6/4/1015	6/4/1180
h8 - sleeve for sensor cover II (Ø)	‘’/mm	-	-	1/2/975	1/2/1015	1/2/1180
h9 - boiler water (Gw)	‘’/mm	6/4/815	6/4/785	6/4/1165	6/4/1210	6/4/1410
h10 - boiler water (Gw)	‘’/mm	6/4/815	6/4/885	6/4/1355	6/4/1400	6/4/1640
h11 - sleeve for sensor cover III (Ø)	‘’/mm	-	1/2/885	1/2/1355	1/2/1400	1/2/1640
d - internal diameter	mm	400	550	550	600	600
D - external diameter	mm	520	670	670	700	700
L - height	mm	1010	1140	1615	1685	1925
Net weight	kg	37	56	75	104	118

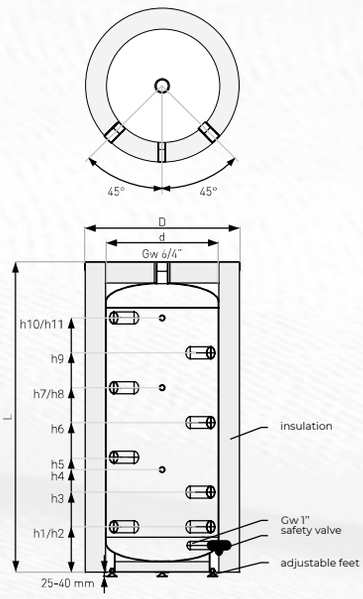
Tank diagram 100



Tank diagram 200



Tank diagram 300-500



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