

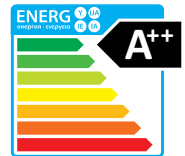
MAXIMUM COMFORT

»» MAXIMA COMPACT 7, 10, 12 kW
GROUND-WATER HEAT PUMP WITH WATER TANK

Maxima Compact is a combination of a ground-water heat pump with stainless steel tank. It guarantees maximum comfort with high performance throughout the year and provides optimal use of renewable energy for both CH and DHW heating (as well as pool water heating). All of this with no negative impact on the environment. The entire system can be managed by an intuitive touch controller, a room controller, or online by phone, tablet, or PC.

Ground-water heat pump with water tank

MAXIMA COMPACT



Advantages of the Maxima Compact

- ▶ Heat pump with 316L stainless steel water tank - all in one device.
- ▶ Faster heating of water thanks to the large surface area of the spiral coil - 3,6 m².
- ▶ Highest possible energy efficiency class - A++.
- ▶ High COP value: up to 4,5 (B0W35).
- ▶ Constant efficiency during the entire heating season.
- ▶ Reliable Scroll compressor.
- ▶ Weather system adjusts the heat pump's performance to the weather conditions.
- ▶ Ability to set up the work schedule to both the heat pump and the circulation pump.
- ▶ Ability to control an additional heater, circulation pump, heating circuits.
- ▶ Electronic expansion valve that maximizes performance.
- ▶ Energy from nature.



In standard with the device

- ▶ Complete set of temperature sensors.
- ▶ Internet module for remote control of the device.
- ▶ Electronic circulation pump built into the device.
- ▶ Three-way valve for DHW functionality built into the device.
- ▶ Soft Start module (quiet start-up of the compressor).
- ▶ Built-in 7 kW electric heater.
- ▶ Colour touch panel with thermostat function.

Technical specification of the Maxima Compact

specification	unit	Maxima Compact 7 GT	Maxima Compact 10 GT	Maxima Compact 12 GT
catalogue number	-	09-150701	09-151001	09-151201
heating power	kW	7,25	9,85	12,50
electrical power	(B0W35) ¹ kW	1,68	2,21	2,78
COP	-	4,32	4,46	4,50
heating power	kW	6,85	9,23	11,80
electrical power	(B0W55) ¹ kW	2,49	3,21	4,12
COP	-	2,75	2,88	2,86
water intake profile	-	L	L	L
maximum volume of mixed water (V ₄₀)	l	199,7	192,8	198,4
reference temperature (Θ _{WH})	°C	55,85	51,97	54,15
COP (DHW)	-	2,66	2,11	2,52
SCOP	-	4,56	4,64	4,69
central heating's seasonal energy efficiency	moderate climate (W35) %	174,3	177,7	179,6
ErP energy efficiency class for the heating function	-	A++	A++	A++
SCOP	-	3,33	3,42	3,45
central heating's seasonal energy efficiency	moderate climate (W55) %	125,1	128,9	129,9
ErP energy efficiency class for the heating function	-	A++	A++	A++
maximum temperature of the heating circuit	°C	60	60	60
voltage and frequency	V / Hz	400 / 50	400 / 50	400 / 50
dimensions (height x width x depth)	mm	1840 x 630 x 760	1840 x 630 x 760	1840 x 630 x 760
weight	kg	145	145	150
electric heater power	kW	7	7	7
acoustic power level ²	dB	51,5	52,5	54,4
acoustic pressure ³	dB	32,0	33,0	35,0
nominal / actual tank capacity	l	170 / 145	170 / 145	170 / 145
tank's maximum working pressure	MPa	0,6	0,6	0,6
tank's maximum working temperature	°C	75	75	75

* Details in the warranty card.

¹ According to the EN14511 norm; B - glycol temperature; W - heated water temperature range.

² According to the EN 12102 norm.

³ At a distance of 2 meters.



„Galmef Sp. z o.o.” Sp. K.
48-100 Głubczyce, Raciborska 36
tel.: +48 77 403 45 00
fax: +48 77 403 45 99

export dept.: +48 77 403 45 80
export@galmef.com.pl

